



# SERTİFİKA

TÜV CERT Sertifikasyon Dairesi

TÜV Thüringen e.V.

TÜV CERT metoduna istinaden işbu belge ile



**TAKIMSAŞ KESİCİ TAKIM MAKİNA SAN. TİC. A.Ş.**

Sümer Mah. Prof Turan Güneş Sok. No: 9 Zeytinburnu  
İSTANBUL / TÜRKİYE

şirketinin, aşağıda belirtilen geçerlilik alanında

**Çeşitli Kesici Delici Aşındırıcı Talaş Kaldırıcı  
Takımlar Tasarım ve imalatı**

bir kalite yönetim sistemini yürürlüğe koyduğunu  
ve uygulamakta olduğunu teyit eder.

3330 28DX A0 rapor sayılı bir inceleme ile

**EN ISO 9001:2000**

şartlarının sağlanmış olduğu kanıtlanmıştır.

İşbu sertifika **2009-02-19**

tarihine kadar geçerlidir.

Sertifika Kayıt No: **15 100 63515**



Jena, 2006-02-20

TÜV CERT Sertifikasyon Dairesi  
TÜV Thüringen e. V.

## ÜRÜN ÇEŞİTLERİMİZ / *PRODUCT RANGE*

- **STANDART TORNA KATERLERİ** / *STANDARD TOOL HOLDERS*
- **STANDART KARTUŞLAR** / *STANDARD CARTRIDGE MILLS*
- **STANDART FREZE KAFALARI** / *STANDARD FACE MILLS*
- **STANDART KALIPÇI FREZELER** / *STANDARD END MILLS*
- **TAKMA UÇLU MATKAPLAR** / *U - DRILLS*
- **VDI TUTUCULAR** / *VDI HOLDERS*
- **CNC TORNA VE İŞLEME MERKEZLERİ TAKIM TUTUCULARI** /  
*CNC TURNING END MILLING TOOL HOLDERS*
- **KILAVUZ TUTUCULARI** / *TAP HOLDERS*
- **ÖZEL TAKIMLAR** / *SPECIAL TOOLS*

**TEKNİK BİLGİ DESTEĞİ İLE HİZMETİNİZDEYİZ.**

*WE ARE ON THE SERVICE EQUIPPED WITH ALL TECHNICAL  
INFORMATION*

**1987'DEN BERİ** / *SINCE 1987*



# İçindekiler

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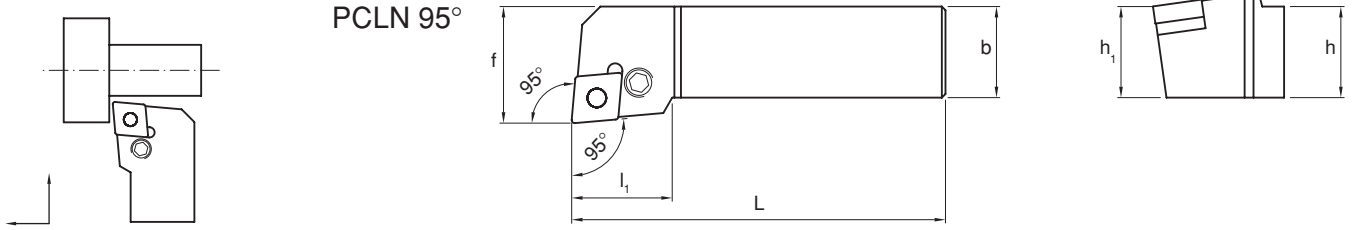
### Dış Çap Torna Katerleri

#### External Toolholders

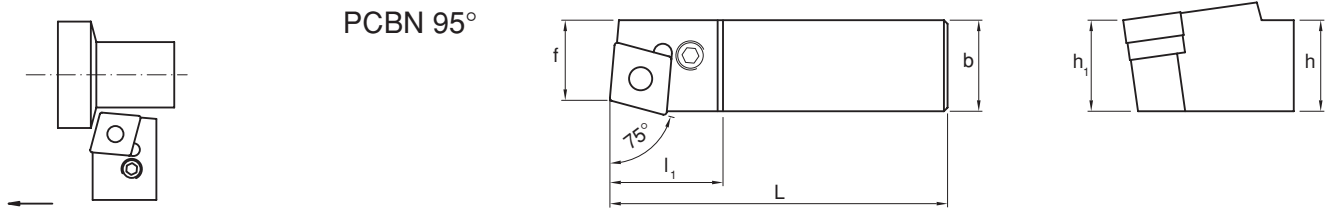
| Takım Tipi (Tool Types)         | PCLN            | PCBN            | PCKN            | PCSN             | PDJN            | PDNN            | PDNN              | PSBN           | PSSN            | PSDN            | PSKN            |
|---------------------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-------------------|----------------|-----------------|-----------------|-----------------|
| Yanma Açısı (Touching Angle)    | 95°             | 75°             | 75°             | 45°              | 93°             | 63°             | 63°               | 75°            | 45°             | 45°             | 75°             |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 4               | 4               | 5               | 5                | 6               | 6               | 6                 | 7              | 7               | 8               | 8               |
| Takım Tipi (Tool Types)         | PTGN            | PTJN            | PTTN            | PTFN             | PWLN            | PRGN            | PRDC              | PRDC           | MTJN            | MTGN            | MTTN            |
| Yanma Açısı (Touching Angle)    | 90°             | 93°             | 60°             | 90°              | 95°             | ---             | ---               | ---            | 93°             | 90°             | 63°             |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 9               | 9               | 10              | 10               | 11              | 11              | 12                | 12             | 13              | 13              | 14              |
| Takım Tipi (Tool Types)         | MTEN            | MWLN            | MTFN            | MTXN             | DCLN            | DCLN            | DDJN              | DWLN           | DTJN            | DTJN            | DDNN            |
| Yanma Açısı (Touching Angle)    | 60°             | 95°             | 90°             | 100°             | 95°             | 95°             | 93°               | 95°            | 93°             | 93°             | 62.5°           |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 14              | 14              | 15              | 15               | 15              | 16              | 16                | 17             | 17              | 18              | 18              |
| Takım Tipi (Tool Types)         | DSSN            | DSDN            | SCDC            | SCMC             | SCRC            | SCAC            | SCFC              | SCLC           | SDNC            | SDAC            | SDJC            |
| Yanma Açısı (Touching Angle)    | 45°             | 45°             | 45°             | 50°              | 75°             | 90°             | 90°               | 95°            | 62.5°           | 90°             | 93°             |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 19              | 19              | 20              | 20               | 21              | 21              | 22                | 22             | 23              | 23              | 24              |
| Takım Tipi (Tool Types)         | SDHC            | SRDC            | SRGC            | SSDC             | SSSC            | SSBC            | SSKC              | STGC           | STCC            | STFC            | SVVC            |
| Yanma Açısı (Touching Angle)    | 107.5°          | ---             | ---             | 45°              | 45°             | 75°             | 75°               | 90°            | 90°             | 90°             | 72.5°           |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 24              | 25              | 25              | 26               | 26              | 27              | 27                | 28             | 28              | 29              | 29              |
| Takım Tipi (Tool Types)         | SVJB            | SVZC            | SVHC            | SVVB             | SVJB            | SVZB            | SVHB              | CKJN           | CSBP            | CTRP            | CTFP            |
| Yanma Açısı (Touching Angle)    | 93°             | 100°            | 107.5°          | 72.5°            | 93°             | 100°            | 107.5°            | 93°            | 90°             | 75°             | 90°             |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 30              | 30              | 31              | 31               | 32              | 32              | 33                | 34             | 34              | 34              | 35              |
| Takım Tipi (Tool Types)         | CTGP            | CCLNR/L.....12S | CELNR/L.....13S | CCLNR/L.....12SX | CDJNR/L.....15S | CDNNR/L.....15S | CS - NR/L.....12S | CSNR/L.....12S | CSYNR/L.....12S | CSSNR/L.....12S | CSKNR/L.....12S |
| Yanma Açısı (Touching Angle)    | 93°             | 95°             | 97.5°           | 95°              | 93°             | 62.5°           | 85°               | 75°            | 85°             | 45°             | 75°             |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 35              | 36              | 36              | 37               | 37              | 38              | 38                | 39             | 39              | 40              | 40              |
| Takım Tipi (Tool Types)         | CTJNR/L.....16S | CSDNN.....12S   | CRSNR/L.....12S | CTUNR/L.....16S  | CRDNN.....12S   | CRDCN.....12S   |                   |                |                 |                 |                 |
| Yanma Açısı (Touching Angle)    | 45°             | 45°             | ---             | 93°              | ---             | ---             |                   |                |                 |                 |                 |
| Kesme Yönü<br>Cutting Direction |                 |                 |                 |                  |                 |                 |                   |                |                 |                 |                 |
| Sayfa (Page)                    | 41              | 41              | 42              | 42               | 43              | 43              |                   |                |                 |                 |                 |

## P Type - Lever System External Toolholder

### P Tip - Levye Sistem Dış Torna Kateri



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                     | Lever<br>Levye                                                                      | Lever Screw<br>Levye Vidası                                                         | Shim Spring<br>Altlık Yayı                                                          |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 16 16 H12T            | ●             | ● | 16                          | 16 | 100 | 26             | 20 | CNM...1204                                                                        | U 112150                                                                           | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PCLNR/L 20 20 K12T            | ●             | ● | 20                          | 20 | 125 | 30             | 25 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 25 25 M12T            | ●             | ● | 25                          | 25 | 150 | 30             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 32 25 P12T            | ○             | ○ | 32                          | 25 | 170 | 30             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 32 32 P12T            | ○             | ○ | 32                          | 32 | 170 | 30             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 25 25 M16T            | ●             | ○ | 25                          | 25 | 150 | 33             | 32 | CNM...1606                                                                        | U 000152                                                                           | H 000840                                                                            | S 028430                                                                            | R 025464                                                                            |
| PCLNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 33             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 32 32 P16T            | ○             | ○ | 32                          | 32 | 170 | 33             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 32 25 P19T            | ○             | ○ | 32                          | 25 | 170 | 38             | 32 | CNM...1906                                                                        | U 123151                                                                           | H 033442                                                                            | S 033422                                                                            | R 033462                                                                            |
| PCLNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 38             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 38             | 50 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCLNR/L 40 40 R25T            | ○             | ○ | 40                          | 40 | 200 | 47             | 50 | CNM...2509                                                                        | U 002540                                                                           | H 038444                                                                            | S 038427                                                                            | R 038465                                                                            |
| PCLNR/L 50 50 S25T            | ○             | ○ | 50                          | 50 | 250 | 47             | 60 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



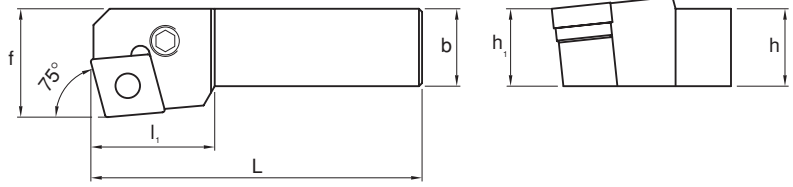
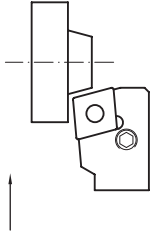
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altlık Yayı                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCBNR/L 25 25 M12T            | ●             | ○ | 25                          | 25 | 150 | 30             | 22 | CNM...1204                                                                          | U 112150                                                                             | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PCBNR/L 32 25 P12T            | ○             | ○ | 32                          | 25 | 170 | 30             | 22 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCBNR/L 25 25 M16T            | ○             | ○ | 25                          | 25 | 150 | 33             | 22 | CNM...1606                                                                          | U 000152                                                                             | H 000840                                                                              | S 028430                                                                              | R 025464                                                                              |
| PCBNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 33             | 22 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCBNR/L 32 32 P16T            | ○             | ○ | 32                          | 32 | 170 | 33             | 27 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCBNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 38             | 27 | CNM...1906                                                                          | U 123151                                                                             | H 033442                                                                              | S 033422                                                                              | R 033462                                                                              |
| PCBNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 38             | 35 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCBNR/L 40 40 R25T            | ○             | ○ | 40                          | 40 | 200 | 47             | 35 | CNM...2509                                                                          | U 002540                                                                             | H 038444                                                                              | S 038427                                                                              | R 038465                                                                              |
| PCBNR/L 50 50 S25T            | ○             | ○ | 50                          | 50 | 250 | 47             | 45 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |



## P Type - Lever System External Toolholder

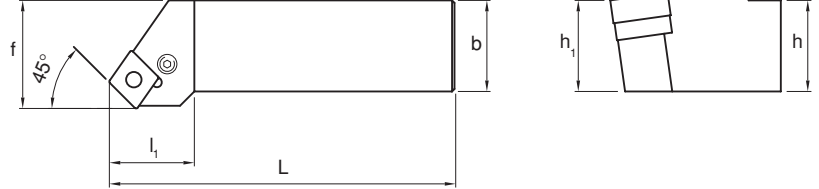
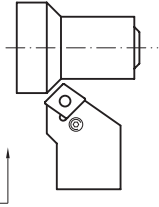
### P Tip - Levveli Sistem Dış Torna Kateri

PCKN 75°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                     | Lever<br>Levy                                                                       | Lever Screw<br>Levy Vidası                                                          | Shim Spring<br>Altlık Yayı                                                          |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCKNR/L 25 25 M12T            | ●             | ● | 25                          | 25 | 150 | 30             | 32 | CNM...1204                                                                        | U 112150                                                                           | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PCKNR/L 32 25 P12T            | ○             | ○ | 32                          | 25 | 170 | 30             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCKNR/L 25 25 M16T            | ○             | ○ | 25                          | 25 | 150 | 33             | 32 | CNM...1606                                                                        | U 000152                                                                           | H 000840                                                                            | S 028430                                                                            | R 025464                                                                            |
| PCKNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 33             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCKNR/L 32 32 P16T            | ○             | ○ | 32                          | 32 | 170 | 33             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCKNR/L 32 25 P19T            | ○             | ○ | 32                          | 25 | 170 | 38             | 32 | CNM...1906                                                                        | U 123151                                                                           | H 033442                                                                            | S 033422                                                                            | R 033462                                                                            |
| PCKNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 38             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCKNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 38             | 50 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PCKNR/L 40 40 R25T            | ○             | ○ | 40                          | 40 | 200 | 47             | 50 | CNM...2509                                                                        | U 002540                                                                           | H 038444                                                                            | S 038427                                                                            | R 038465                                                                            |

PCSN 45°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altlık Yay                                                             |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCSNR/L 20 20 K12T            | ●             | ● | 20                          | 20 | 125 | 30             | 25 | CNM...1204                                                                          | U 112150                                                                             | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PCSNR/L 25 25 M12T            | ●             | ● | 25                          | 25 | 150 | 30             | 32 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCSNR/L 32 25 P12T            | ○             | ○ | 32                          | 25 | 170 | 30             | 32 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCSNR/L 25 25 M16T            | ○             | ○ | 25                          | 25 | 150 | 33             | 32 | CNM...1606                                                                          | U 000152                                                                             | H 000840                                                                              | S 028430                                                                              | R 025464                                                                              |
| PCSNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 33             | 32 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCSNR/L 32 32 P16T            | ○             | ○ | 32                          | 32 | 170 | 33             | 40 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCSNR/L 32 25 P19T            | ○             | ○ | 32                          | 25 | 170 | 38             | 32 | CNM...1906                                                                          | U 123151                                                                             | H 033442                                                                              | S 033422                                                                              | R 033462                                                                              |
| PCBNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 38             | 40 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCBNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 38             | 50 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

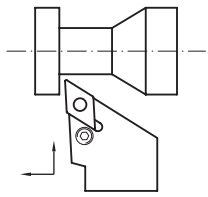
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

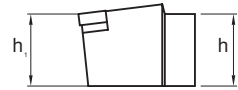
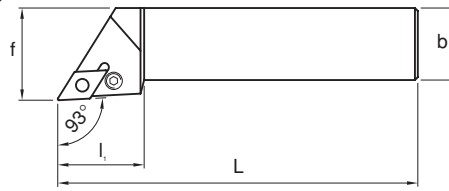
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## P Type - Lever System External Toolholder

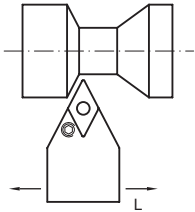
### P Tip - Levveli Sistem Dış Torna Kateri



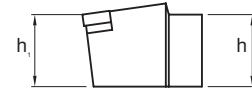
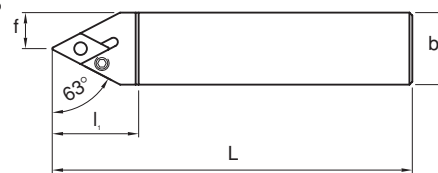
PDJN 93°



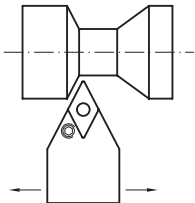
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                     | Lever<br>Levye                                                                      | Lever Screw<br>Levye Vidası                                                         | Shim Spring<br>Altlık Yayı                                                          |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PDJNR/L 20 20 K11T            | ○             | ○ | 20                          | 20 | 125 | 30             | 25 | DNM...1104                                                                        | DN 11 ALT                                                                          | H 019445                                                                            | S 018420                                                                            | R 018463                                                                            |
| PDJNR/L 25 25 M11T            | ○             | ○ | 25                          | 25 | 150 | 30             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PDJNR/L 20 20 K15T            | ●             | ● | 20                          | 20 | 125 | 30             | 25 | DNM...1506                                                                        | U 153150                                                                           | H 024447                                                                            | S 028430                                                                            | R 023461                                                                            |
| PDJNR/L 25 25 M15T            | ●             | ● | 25                          | 25 | 150 | 30             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PDJNR/L 32 25 P15T            | ○             | ○ | 32                          | 25 | 170 | 33             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PDJNR/L 32 32 P15T            | ○             | ○ | 32                          | 32 | 170 | 33             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PDJNR/L 40 25 R15T            | ○             | ○ | 40                          | 25 | 200 | 38             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PDJNR/L 40 32 R15T            | ○             | ○ | 40                          | 32 | 200 | 38             | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



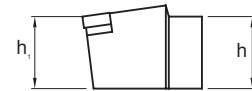
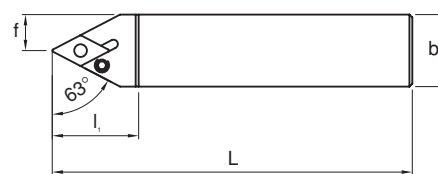
PDNN 93°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |      | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altlık Yayı                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNR/L 25 25 M15T            | ●             | ● | 25                          | 25 | 150 | 25             | 12.5 | DNM...1506                                                                          | U 153150                                                                             | H 024447                                                                              | S 028430                                                                              | R 023461                                                                              |
| PDNNR/L 32 25 P15T            | ○             | ○ | 32                          | 25 | 170 | 25             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNR/L 32 32 P15T            | ○             | ○ | 32                          | 32 | 170 | 32             | 16   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNR/L 40 25 R15T            | ○             | ○ | 40                          | 25 | 200 | 25             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNR/L 40 32 R15T            | ○             | ○ | 40                          | 32 | 200 | 32             | 16   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |



PDNN 93°

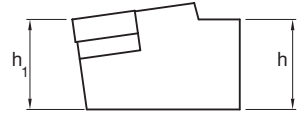
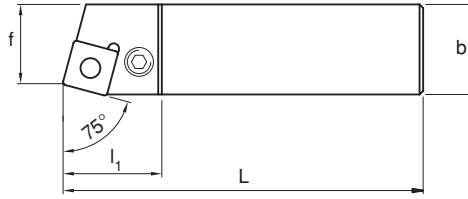
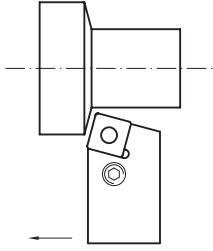


|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | l <sub>1</sub> | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altlık Yayı                                                            |
| PDNNN 25 25 M15T              | ●             | 25                          | 25 | 150 | 25             | 12.5 | DNM...1506                                                                          | U 153150                                                                             | H 024447                                                                              | S 028430                                                                              | R 023461                                                                              |
| PDNNN 32 25 P15T              | ○             | 32                          | 25 | 170 | 25             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNN 32 32 P15T              | ○             | 32                          | 32 | 170 | 32             | 16   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNN 40 25 R15T              | ○             | 40                          | 25 | 200 | 25             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PDNNN 40 32 R15T              | ○             | 40                          | 32 | 200 | 32             | 16   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

## P Type - Lever System External Toolholder

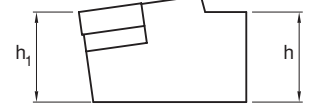
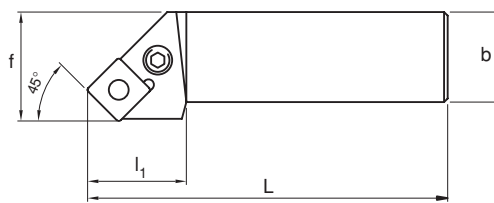
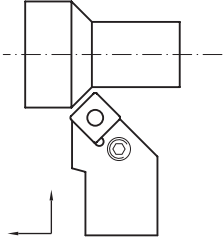
### P Tip - Levveli Sistem Dış Torna Kateri

PSBN 75°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Lever<br>Levy                                                                       | Lever Screw<br>Levy Vidası                                                          | Shim Spring<br>Altık Yayı                                                           |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 16 16 H09T            | ○             | ○ | 16                          | 16 | 100 | 23             | 13 | SNM...0903                                                                        | U 053450                                                                          | H 018440                                                                            | S 011429                                                                            | R 018463                                                                            |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 20 20 K12T            | ○             | ○ | 20                          | 20 | 125 | 28             | 17 | SNM...1204                                                                        | U 063451                                                                          | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PSBNR/L 25 25 M12T            | ○             | ○ | 25                          | 25 | 150 | 28             | 22 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 32 25 P12T            | ○             | ○ | 32                          | 25 | 170 | 28             | 22 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 25 25 M15T            | ○             | ○ | 25                          | 25 | 150 | 32             | 22 | SNM...1506                                                                        | U 000457                                                                          | H 000840                                                                            | S 028430                                                                            | R 025464                                                                            |
| PSBNR/L 32 25 P15T            | ○             | ○ | 32                          | 25 | 170 | 32             | 22 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 32 32 P15T            | ○             | ○ | 32                          | 32 | 170 | 32             | 27 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 39             | 27 | SNM...1906                                                                        | U 083452                                                                          | H 033442                                                                            | S 033422                                                                            | R 033462                                                                            |
| PSBNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 41             | 35 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSBNR/L 40 40 R25T            | ○             | ○ | 40                          | 40 | 200 | 47             | 35 | SNM...2507                                                                        | U 092453                                                                          | H 038444                                                                            | S 038427                                                                            | R 038465                                                                            |
| PSBNR/L 50 50 S25T            | ○             | ○ | 50                          | 50 | 250 | 47             | 45 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

PSSN 45°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altlık Yayı                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 16 16 H09T            | ○             | ○ | 12                          | 12 | 100 | 22             | 20 | SNM...0903                                                                          | U 053450                                                                            | H 018440                                                                              | S 011429                                                                              | R 018463                                                                              |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 20 20 K12T            | ●             | ○ | 20                          | 20 | 125 | 29             | 25 | SNM...1204                                                                          | U 063451                                                                            | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PSSNR/L 25 25 M12T            | ●             | ○ | 25                          | 25 | 150 | 29             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 32 25 P12T            | ○             | ○ | 32                          | 25 | 170 | 29             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 25 25 M15T            | ○             | ○ | 25                          | 25 | 150 | 34             | 32 | SNM...1506                                                                          | U 000457                                                                            | H 000840                                                                              | S 028430                                                                              | R 025464                                                                              |
| PSSNR/L 32 25 P15T            | ○             | ○ | 32                          | 25 | 170 | 34             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 32 32 P15T            | ○             | ○ | 32                          | 32 | 170 | 34             | 40 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 41             | 40 | SNM...1906                                                                          | U 083452                                                                            | H 033442                                                                              | S 033422                                                                              | R 033462                                                                              |
| PSSNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 41             | 50 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSSNR/L 40 40 R25T            | ○             | ○ | 40                          | 40 | 200 | 48             | 50 | SNM...2507                                                                          | U 092453                                                                            | H 038444                                                                              | S 038427                                                                              | R 038465                                                                              |

● Stokta Mevcut / In stock

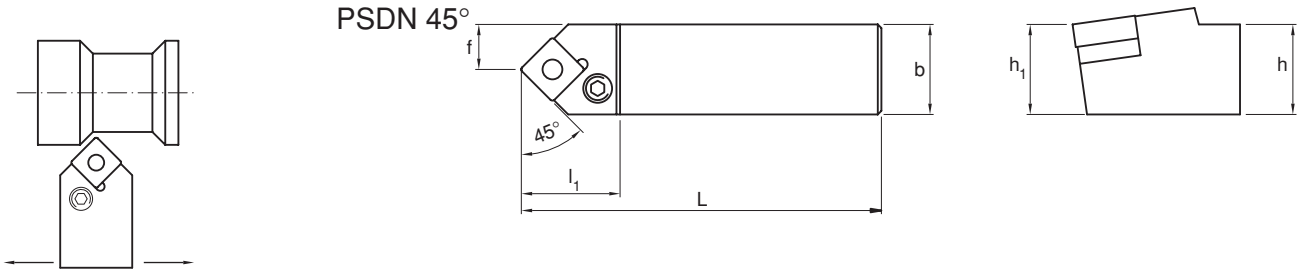
● Siparişten sonra 2 hafta / 2 weeks upon the date of order

○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

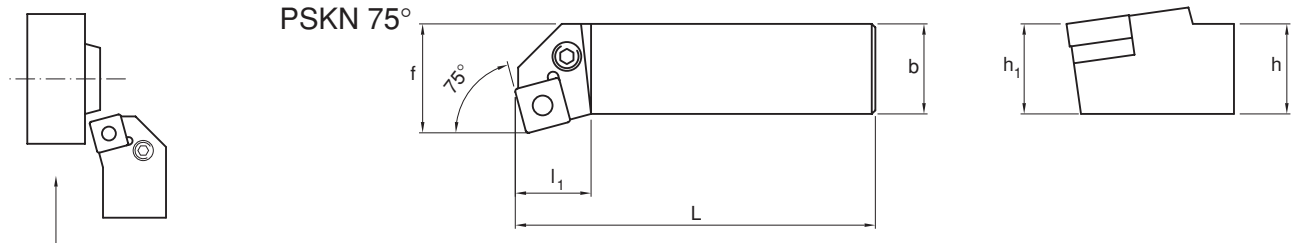


## P Type - Lever System External Toolholder

### P Tip - Levveli Sistem Dış Torna Kateri



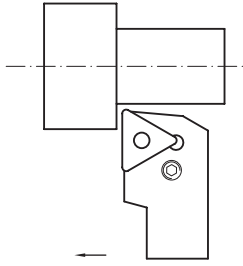
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | l <sub>1</sub> | f    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Lever<br>Levye                                                                      | Lever Screw<br>Levye Vidası                                                         | Shim Spring<br>Altık Yayı                                                           |
| PSDNN 16 16 H09T              | ○             | 16                          | 16 | 100 | 20             | 8    | SNM...0903                                                                        | U 053450                                                                          | H 018440                                                                            | S 011429                                                                            | R 018463                                                                            |
| PSDNN 20 20 K12T              | ●             | 20                          | 20 | 125 | 28             | 10   | SNM...1204                                                                        | U 063451                                                                          | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PSDNN 25 25 M12T              | ●             | 25                          | 25 | 150 | 28             | 12.5 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSDNN 32 25 P12T              | ○             | 32                          | 25 | 170 | 28             | 12.5 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSDNN 25 25 M15T              | ○             | 25                          | 25 | 150 | 32             | 12.5 | SNM...1506                                                                        | U 000457                                                                          | H 000840                                                                            | S 028430                                                                            | R 025464                                                                            |
| PSDNN 32 25 P15T              | ○             | 32                          | 25 | 170 | 32             | 12.5 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSDNN 32 32 P15T              | ○             | 32                          | 32 | 170 | 32             | 16   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSDNN 32 25 P19T              | ○             | 32                          | 25 | 170 | 32             | 12.5 | SNM...1906                                                                        | U 083452                                                                          | H 033442                                                                            | S 033422                                                                            | R 033462                                                                            |
| PSDNN 32 32 P19T              | ○             | 32                          | 32 | 170 | 41             | 16   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSDNN 40 40 R19T              | ○             | 40                          | 40 | 200 | 41             | 20   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PSDNN 40 40 R25T              | ○             | 40                          | 40 | 200 | 48             | 20   | SNM...2507                                                                        | U 092453                                                                          | H 038444                                                                            | S 038427                                                                            | R 038465                                                                            |



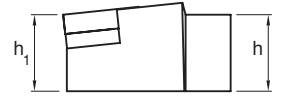
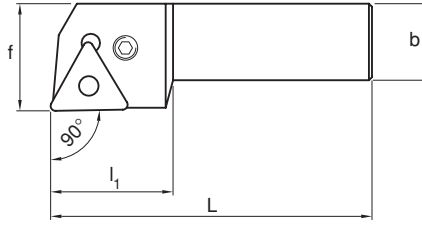
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Lever<br>Levye                                                                        | Lever Screw<br>Levye Vidası                                                           | Shim Spring<br>Altlık Yayı                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 16 16 H09T            | ○             | ○ | 16                          | 16 | 100 | 16             | 20 | SNM...0903                                                                          | U 053450                                                                            | H 018440                                                                              | S 011429                                                                              | R 018463                                                                              |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 20 20 K12T            | ○             | ○ | 20                          | 20 | 125 | 23             | 25 | SNM...1204                                                                          | U 063451                                                                            | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PSKNR/L 25 25 M12T            | ●             | ○ | 25                          | 25 | 150 | 23             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 32 25 P12T            | ●             | ○ | 32                          | 25 | 170 | 23             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 25 25 M15T            | ○             | ○ | 25                          | 25 | 150 | 28             | 32 | SNM...1506                                                                          | U 000457                                                                            | H 000840                                                                              | S 028430                                                                              | R 025464                                                                              |
| PSKNR/L 32 25 P15T            | ○             | ○ | 32                          | 25 | 170 | 28             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 32 32 P15T            | ○             | ○ | 32                          | 32 | 170 | 28             | 40 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 32 32 P19T            | ○             | ○ | 32                          | 32 | 170 | 33             | 40 | SNM...1906                                                                          | U 083452                                                                            | H 033442                                                                              | S 033422                                                                              | R 033462                                                                              |
| PSKNR/L 40 40 R19T            | ○             | ○ | 40                          | 40 | 200 | 33             | 50 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PSKNR/L 40 40 R25T            | ○             | ○ | 40                          | 40 | 200 | 38             | 50 | SNM...2507                                                                          | U 092453                                                                            | H 038444                                                                              | S 038427                                                                              | R 038465                                                                              |
| PSKNR/L 50 50 S25T            | ○             | ○ | 50                          | 50 | 250 | 38             | 60 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

## P Type - Lever System External Toolholder

### P Tip - Levveli Sistem Dış Torna Kateri

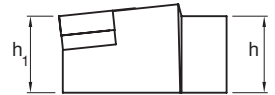
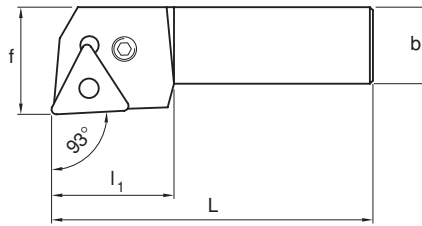
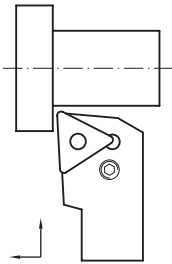


PTGN 90°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                    | Lever<br>Levy                                                                       | Lever Screw<br>Levy Vidası                                                          | Shim Spring<br>Altlık Yayı                                                          |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 16 16 H11T            | ○             | ○ | 16                          | 16 | 100 | 18             | 20 | TNM...1103                                                                        |                                                                                   | 174.3.846                                                                           | S 018429                                                                            |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 16 16 H16T            | ○             | ○ | 16                          | 16 | 100 | 20             | 20 | TNM...1604                                                                        | U 013950                                                                          | H 018440                                                                            | S 018420                                                                            | R 018463                                                                            |
| PTGNR/L 20 20 K16T            | ◐             | ○ | 20                          | 20 | 125 | 20             | 25 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 25 25 M16T            | ◑             | ○ | 25                          | 25 | 150 | 22             | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 22             | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 25 25 M22T            | ○             | ○ | 25                          | 25 | 150 | 28             | 32 | TNM...2204                                                                        | U 023952                                                                          | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PTGNR/L 32 25 P22T            | ○             | ○ | 32                          | 25 | 170 | 28             | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 32 32 P22T            | ○             | ○ | 32                          | 32 | 170 | 28             | 40 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTGNR/L 32 32 P27T            | ○             | ○ | 32                          | 32 | 170 | 35             | 40 | TNM...2706                                                                        | U 013954                                                                          | H 028443                                                                            | S 000831                                                                            | R 025464                                                                            |
| PTGNR/L 40 40 R27T            | ○             | ○ | 40                          | 40 | 200 | 41             | 50 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

PTJN 93°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Lever<br>Levye                                                                        | Lever Screw<br>Levye Vidası                                                           | Shim Spring<br>Altlık Yayı                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTJNR/L 16 16 H16T            | ○             | ○ | 16                          | 16 | 100 | 20             | 20 | TNM...1604                                                                          | U 013950                                                                            | H 018440                                                                              | S 018420                                                                              | R 018463                                                                              |
| PTJNR/L 20 20 K16T            | ○             | ○ | 20                          | 20 | 125 | 20             | 25 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTJNR/L 25 25 M16T            | ○             | ○ | 25                          | 25 | 150 | 22             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTJNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 22             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTJNR/L 25 25 M22T            | ○             | ○ | 25                          | 25 | 150 | 28             | 32 | TNM...2204                                                                          | U 023952                                                                            | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PTJNR/L 32 25 P22T            | ○             | ○ | 32                          | 25 | 170 | 28             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTJNR/L 32 32 P22T            | ○             | ○ | 32                          | 32 | 170 | 28             | 40 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

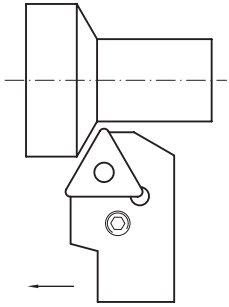
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

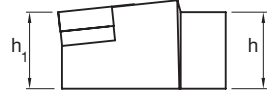
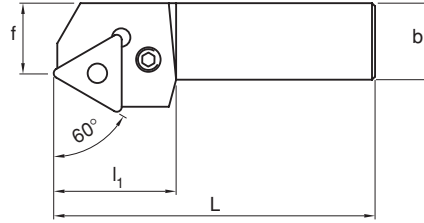
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## P Type - Lever System External Toolholder

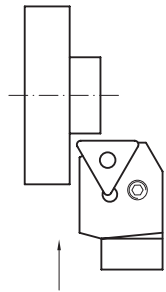
### P Tip - Levye Sistem Dış Torna Kateri



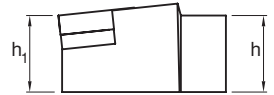
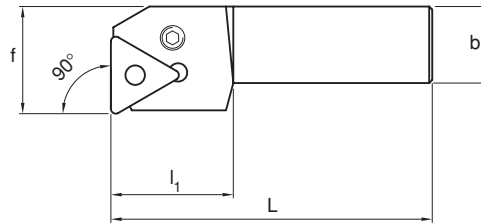
PTTN 60°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |                |    |     |                |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----------------|----|-----|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h              |    |     |                | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Lever<br>Levy                                                                       | Lever Screw<br>Levy Vidası                                                          | Shim Spring<br>Altık Yayı                                                           |
|                               | R             | L                           | h <sub>1</sub> | b  | L   | l <sub>1</sub> |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTTNR/L 20 20 K16T            | ○             | ○                           | 20             | 20 | 125 | 26             | TNM...1604                                                                        | U 013950                                                                          | H 018440                                                                            | S 018420                                                                            | R 018463                                                                            |
| PTTNR/L 25 25 M16T            | ○             | ○                           | 25             | 25 | 150 | 26             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTTNR/L 32 25 P16T            | ○             | ○                           | 32             | 25 | 170 | 26             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTTNR/L 25 25 M22T            | ○             | ○                           | 25             | 25 | 150 | 32             | TNM...2204                                                                        | U 023952                                                                          | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PTTNR/L 32 25 P22T            | ○             | ○                           | 32             | 25 | 170 | 32             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PTTNR/L 32 32 P22T            | ○             | ○                           | 32             | 32 | 170 | 32             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |



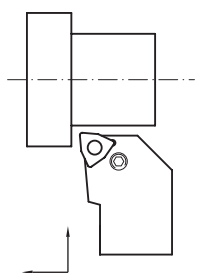
PTFN 90°



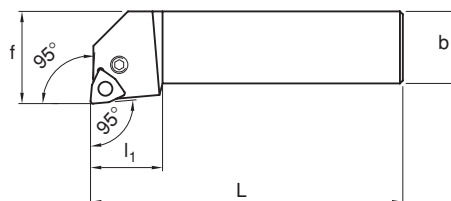
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |                |    |     |                |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----------------|----|-----|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h              |    |     |                | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altık Yayı                                                             |
|                               | R             | L                           | h <sub>1</sub> | b  | L   | l <sub>1</sub> |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTFNR/L 16 16 H11T            | ○             | ○                           | 16             | 16 | 100 | 18             | TNM...1103                                                                          |                                                                                     | H 011446                                                                              | S 011429                                                                              |                                                                                       |
| PTFNR/L 16 16 H16T            | ○             | ○                           | 16             | 16 | 100 | 20             | TNM...1604                                                                          | U 013950                                                                            | H 018440                                                                              | S 018420                                                                              | R 018463                                                                              |
| PTFNR/L 20 20 K16T            | ○             | ○                           | 20             | 20 | 125 | 20             |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTFNR/L 25 25 M16T            | ○             | ○                           | 25             | 25 | 150 | 22             |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTFNR/L 32 25 P16T            | ○             | ○                           | 32             | 25 | 170 | 22             |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTFNR/L 25 25 M22T            | ○             | ○                           | 25             | 25 | 150 | 28             | TNM...2204                                                                          | U 023952                                                                            | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PTFNR/L 32 25 P22T            | ○             | ○                           | 32             | 25 | 170 | 28             |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PTFNR/L 32 32 P22T            | ○             | ○                           | 32             | 32 | 170 | 28             |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

## P Type - Lever System External Toolholder

### P Tip - Levveli Sistem Dış Torna Kateri

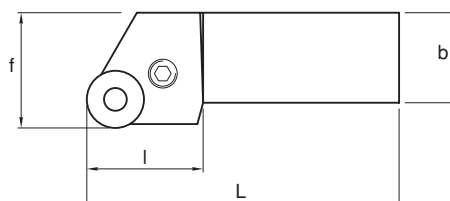
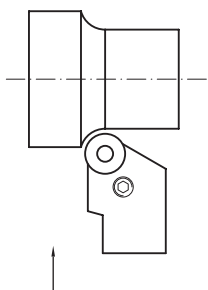


PWLN 95°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           | b  | L   | l1 | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Lever<br>Levy                                                                       | Lever Screw<br>Levy Vidası                                                          | Shim Spring<br>Altık Yayı                                                           |
| PWLNR/L 16 16 H06T            | ○ ○           | 16                          | 16 | 100 | 20 | 20 | WNM...0604                                                                        | WN 06 ALT                                                                         | H 018440                                                                            | S 018421                                                                            | R 018463                                                                            |
| PWLNR/L 20 20 K06T            | ○ ○           | 20                          | 20 | 125 | 25 | 25 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PWLNR/L 25 25 M06T            | ○ ○           | 25                          | 25 | 150 | 25 | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PWLNR/L 20 20 M08T            | ● ○           | 20                          | 20 | 125 | 25 | 25 | WNM...0804                                                                        | 7853519                                                                           | H 023441                                                                            | S 023421                                                                            | R 023461                                                                            |
| PWLNR/L 25 25 M08T            | ● ●           | 25                          | 25 | 150 | 25 | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PWLNR/L 32 25 P08T            | ○ ○           | 32                          | 25 | 170 | 25 | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| PWLNR/L 32 32 P08T            | ○ ○           | 32                          | 32 | 170 | 25 | 40 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

PRGN



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           | b  | L   | l1 | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altık Yayı                                                             |
| PRGNR/L 20 20 K09T            | ○ ○           | 20                          | 20 | 125 | 21 | 25 | RNM...0903                                                                          | U 000650                                                                            | H 018440                                                                              | S 018420                                                                              | R 018463                                                                              |
| PRGNR/L 25 25 M12T            | ○ ○           | 25                          | 25 | 150 | 27 | 32 | RNM...1204                                                                          | U 000651                                                                            | H 023441                                                                              | S 023421                                                                              | R 023461                                                                              |
| PRGNR/L 32 25 P12T            | ○ ○           | 32                          | 25 | 170 | 27 | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| PRGNR/L 32 32 P12T            | ○ ○           | 32                          | 32 | 170 | 27 | 40 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

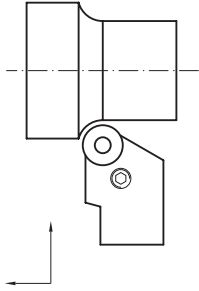
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

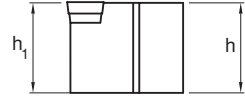
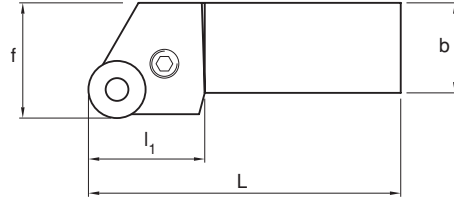
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## P Type - Lever System External Toolholder

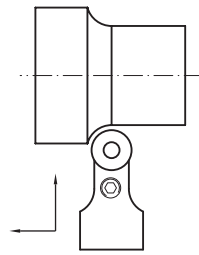
### P Tip - Levveli Sistem Dış Torna Kateri



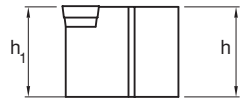
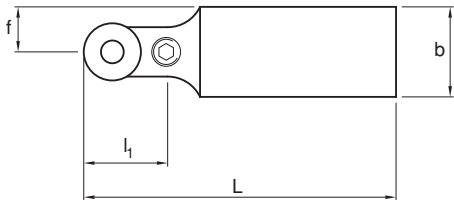
PRGC



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | l <sub>1</sub> | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Lever<br>Levy                                                                       | Lever Screw<br>Levy Vidası                                                          | Shim Spring<br>Altık Yayı                                                           |
| PRGCR/L 20 20 K12T            | ○ ○           | 20                          | 20 | 125 | 21             | 25 | RCM...1204                                                                        | U 000351                                                                           | H 000341                                                                            | S 018420                                                                            | R 018463                                                                            |
| PRGCR/L 25 25 M12T            | ○ ○           | 25                          | 25 | 150 | 27             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PRGCR/L 32 25 P12T            | ○ ○           | 32                          | 25 | 170 | 27             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PRGCR/L 25 25 M16T            | ○ ○           | 25                          | 25 | 150 | 28             | 32 | RCM...1606                                                                        | U 000352                                                                           | H 000342                                                                            | S 000433                                                                            | R 000467                                                                            |
| PRGCR/L 32 25 P16T            | ○ ○           | 32                          | 25 | 170 | 28             | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| PRGCR/L 32 32 P20T            | ○ ○           | 32                          | 32 | 170 | 32             | 40 | RCM...2006                                                                        | U 000353                                                                           | H 000343                                                                            | S 000425                                                                            | R 025464                                                                            |
| PRGCR/L 40 40 R25T            | ○ ○           | 40                          | 40 | 200 | 40             | 50 | RCM...2507                                                                        | U 000354                                                                           | H 000344                                                                            | S 000432                                                                            | R 033462                                                                            |
| PRGCR/L 50 50 S32T            | ○ ○           | 50                          | 50 | 250 | 50             | 60 | RCM...3209                                                                        | U 000355                                                                           | H 000345                                                                            | S 038427                                                                            | R 038465                                                                            |



PRDC

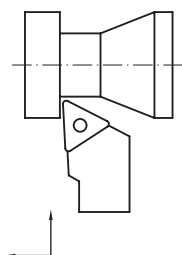


|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | l <sub>1</sub> | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                        | Lever<br>Levy                                                                         | Lever Screw<br>Levy Vidası                                                            | Shim Spring<br>Altık Yayı                                                             |
| PRDCN 20 20 K12T              | ○             | 20                          | 20 | 125 | 21             | 10   | RCM...1204                                                                          | U 000351                                                                             | H 000341                                                                              | S 018420                                                                              | R 018463                                                                              |
| PRDCN 25 25 M12T              | ●             | 25                          | 25 | 150 | 27             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PRDCN 32 25 P12T              | ○             | 32                          | 25 | 170 | 27             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PRDCN 25 25 M16T              | ○             | 25                          | 25 | 150 | 28             | 12.5 | RCM...1606                                                                          | U 000352                                                                             | H 000342                                                                              | S 000433                                                                              | R 000467                                                                              |
| PRDCN 32 25 P16T              | ○             | 32                          | 25 | 170 | 28             | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PRDCN 32 32 P20T              | ○             | 32                          | 32 | 170 | 32             | 16   | RCM...2006                                                                          | U 000353                                                                             | H 000343                                                                              | S 000425                                                                              | R 025464                                                                              |
| PRDCN 40 40 R25T              | ○             | 40                          | 40 | 200 | 40             | 20   | RCM...2507                                                                          | U 000354                                                                             | H 000344                                                                              | S 000432                                                                              | R 033462                                                                              |
| PRDCN 50 50 S32T              | ○             | 50                          | 50 | 250 | 50             | 25   | RCM...3209                                                                          | U 000355                                                                             | H 000345                                                                              | S 038427                                                                              | R 038465                                                                              |

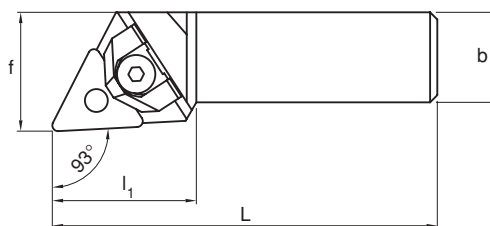


## M Type - External Toolholder With Tip and Pim

### M Tip - Pabuçlu Pimli Dış Torna Kateri

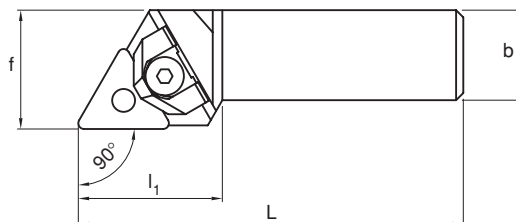
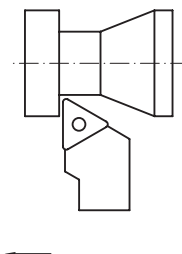


MTJN 93°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----|-----|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h  |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Clamp<br>Baskı<br>Pabucu                                                            | Screw<br>Baskı Vidası                                                               | Pim<br>Pim                                                                          |
|                               | R             | L                           | h1 | b  | L   | l1 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTJNR/L 20 20 K16T            | ●             | ●                           | 20 | 20 | 125 | 31 | TNM...1604                                                                        | 170.3.852                                                                         | 170.3.820-1                                                                         | MTJN.16M5BV                                                                         | 170.3.847                                                                           |
| MTJNR/L 25 25 M16T            | ●             | ●                           | 25 | 25 | 150 | 31 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTJNR/L 32 25 P16T            | ○             | ○                           | 32 | 25 | 170 | 31 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTJNR/L 25 25 M22T            | ●             | ●                           | 25 | 25 | 150 | 35 | TNM...2204                                                                        | 170.3.856                                                                         | 170.3.821-1                                                                         | MTJN.22M6BV                                                                         | 170.3.836                                                                           |
| MTJNR/L 32 25 P22T            | ○             | ○                           | 32 | 25 | 170 | 35 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTJNR/L 32 32 P22T            | ○             | ○                           | 32 | 32 | 170 | 35 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

MTGN 90°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----|-----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h  |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Clamp<br>Baskı<br>Pabucu                                                              | Screw<br>Baskı Vidası                                                                 | Pim<br>Pim                                                                            |
|                               | R             | L                           | h1 | b  | L   | l1 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTGNR/L 20 20 K16T            | ●             | ●                           | 20 | 20 | 125 | 31 | TNM...1604                                                                          | 170.3.852                                                                           | 170.3.820-1                                                                           | MTJN.16M5BV                                                                           | 170.3.847                                                                             |
| MTGNR/L 25 25 M16T            | ●             | ●                           | 25 | 25 | 150 | 31 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTGNR/L 32 25 P16T            | ○             | ○                           | 32 | 25 | 170 | 31 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTGNR/L 25 25 M22T            | ○             | ○                           | 25 | 25 | 150 | 35 | TNM...2204                                                                          | 170.3.856                                                                           | 170.3.821-1                                                                           | MTJN.22M6BV                                                                           | 170.3.836                                                                             |
| MTGNR/L 32 25 P22T            | ○             | ○                           | 32 | 25 | 170 | 35 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTGNR/L 32 32 P22T            | ○             | ○                           | 32 | 32 | 170 | 35 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

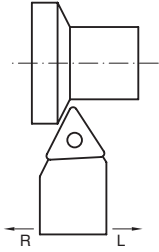
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

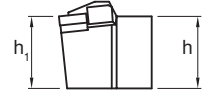
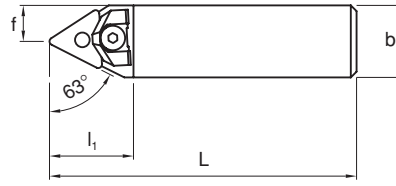
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## M Type - External Toolholder With Tip and Pim

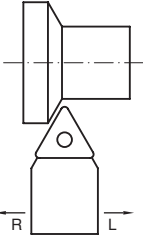
### M Tip - Pabuçlu Pimli Dış Torna Kateri



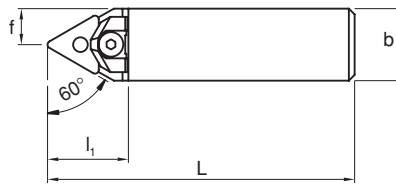
MTTN 63°



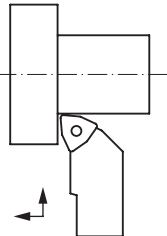
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |      | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                    | Clamp<br>Baskı Pabucu                                                               | Screw<br>Baskı Vidası                                                               | Pim<br>Pim                                                                          |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTTNR/L 20 20 K16T            | ○             | ○ | 20                          | 20 | 125 | 31             | 10   | TNM...1604                                                                        | 170.3.852                                                                         | 170.3.820-1                                                                         | MTJN.16M5BV                                                                         | 170.3.847                                                                           |
| MTTNR/L 25 25 M16T            | ○             | ○ | 25                          | 25 | 150 | 31             | 12.5 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTTNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 31             | 12.5 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |      |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTTNR/L 25 25 M22T            | ○             | ○ | 25                          | 25 | 150 | 31             | 12.5 | TNM...2204                                                                        | 170.3.856                                                                         | 170.3.821-1                                                                         | MTJN.22M6BV                                                                         | 170.3.836                                                                           |
| MTTNR/L 32 25 P22T            | ○             | ○ | 32                          | 25 | 170 | 35             | 12.5 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTTNR/L 32 32 P22T            | ○             | ○ | 32                          | 32 | 170 | 35             | 16   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |



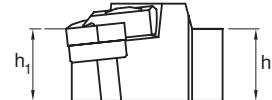
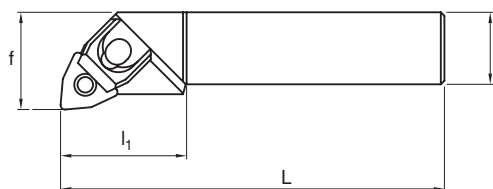
MTEN 60°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | l <sub>1</sub> | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Clamp<br>Baskı Pabucu                                                                 | Screw<br>Baskı Vidası                                                                 | Pim<br>Pim                                                                            |
| MTENN 25 25 M16T              | ●             | 25                          | 25 | 150 | 31             | 12.5 | TNM...1604                                                                          | 170.3.852                                                                           | 170.3.820-1                                                                           | MTJN.16M5BV                                                                           | 170.3.847                                                                             |
| MTENN 32 25 P16T              | ○             | 32                          | 25 | 170 | 35             | 12.5 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |                             |    |     |                |      |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTENN 25 25 M22T              | ●             | 25                          | 25 | 150 | 31             | 12.5 | TNM...2204                                                                          | 170.3.856                                                                           | 170.3.821-1                                                                           | MTJN.22M6BV                                                                           | 170.3.836                                                                             |
| MTENN 32 25 P22T              | ○             | 32                          | 25 | 170 | 35             | 12.5 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |



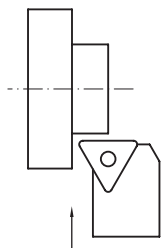
MWLN 95°



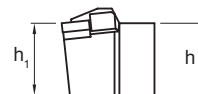
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlik                                                                      | Clamp<br>Baskı Pabucu                                                                 | Screw<br>Baskı Vidası                                                                 | Pim<br>Pim                                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MWLNR/L 20 20 K08T            | ●             | ● | 20                          | 20 | 125 | 35             | 27 | WNM...0804                                                                          | WN 08 ALT                                                                           | WN 08 BP                                                                              | MTJN.22M6BV                                                                           | 170.3.836                                                                             |
| MWLNR/L 25 25 M08T            | ●             | ● | 25                          | 25 | 150 | 35             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MWLNR/L 32 25 P08T            | ○             | ○ | 32                          | 25 | 170 | 35             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MWLNR/L 32 32 P08T            | ○             | ○ | 32                          | 32 | 170 | 35             | 40 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

## M Type - External Toolholder With Tip and Pim

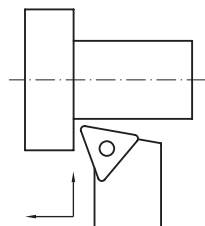
### M Tip - Pabuçlu Pimli Dış Torna Kateri



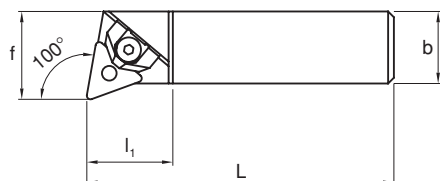
MTFN 90°



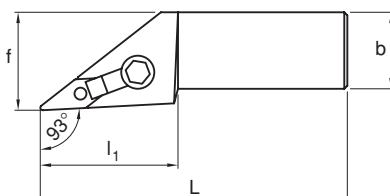
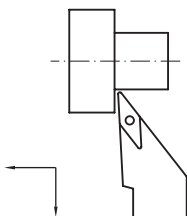
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Clamp<br>Baskı<br>Pabucu                                                            | Screw<br>Baskı Vidası                                                               | Pim<br>Pim                                                                          |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTFNR/L 20 20 K16T            | ●             | ● | 20                          | 20 | 125 | 31             | 25 | TNM...1604                                                                        | 170.3.852                                                                         | 170.3.820-1                                                                         | MTJN.16M5BV                                                                         | 170.3.847                                                                           |
| MTFNR/L 25 25 M16T            | ●             | ● | 25                          | 25 | 150 | 31             | 25 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTFNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 31             | 25 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTFNR/L 25 25 M22T            | ○             | ○ | 25                          | 25 | 150 | 35             | 32 | TNM...2204                                                                        | 170.3.856                                                                         | 170.3.821-1                                                                         | MTJN.22M6BV                                                                         | 170.3.836                                                                           |
| MTFNR/L 32 25 P22T            | ○             | ○ | 32                          | 25 | 170 | 35             | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| MTFNR/L 32 32 P22T            | ○             | ○ | 32                          | 32 | 170 | 35             | 40 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |



MTXN 100°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Clamp<br>Baskı<br>Pabucu                                                              | Screw<br>Baskı Vidası                                                                 | Pim<br>Pim                                                                            |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTXNR/L 20 20 K16T            | ●             | ● | 20                          | 20 | 125 | 31             | 25 | TNM...1604                                                                          | 170.3.852                                                                           | 170.3.820-1                                                                           | MTJN.16M5BV                                                                           | 170.3.847                                                                             |
| MTXNR/L 25 25 M16T            | ●             | ● | 25                          | 25 | 150 | 31             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTXNR/L 32 25 P16T            | ○             | ○ | 32                          | 25 | 170 | 31             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTXNR/L 20 20 K22T            | ○             | ○ | 20                          | 20 | 125 | 35             | 25 | TNM...2204                                                                          | 170.3.856                                                                           | 170.3.821-1                                                                           | MTJN.22M6BV                                                                           | 170.3.836                                                                             |
| MTXNR/L 25 25 M22T            | ○             | ○ | 25                          | 25 | 150 | 35             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MTXNR/L 32 25 P22T            | ○             | ○ | 32                          | 25 | 170 | 35             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

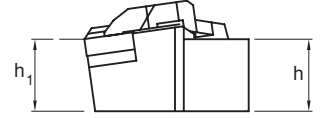
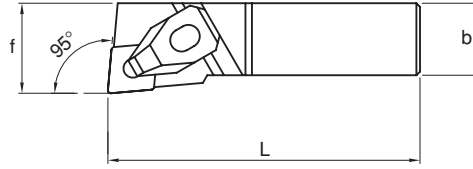
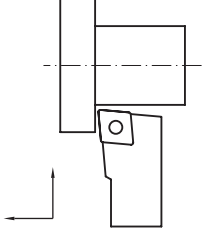


|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Clamp<br>Baskı<br>Pabucu                                                              | Screw<br>Uç Sıkma<br>Vidası                                                           | Screw<br>Baskı Vidası                                                                 |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MVJNR/L 20 20 K16             | ●             | ● | 20                          | 20 | 125 | 40             | 25 | VNM...1604                                                                          | VNM 16 ALT                                                                          | TBP 12                                                                                | M4 NL                                                                                 | TBP 12BV                                                                              |
| MVJNR/L 25 25 M16             | ●             | ● | 25                          | 25 | 150 | 40             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| MVJNR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 40             | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

## D Type - Clamping System External Toolholder

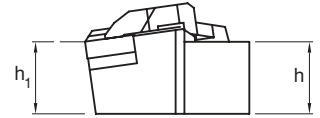
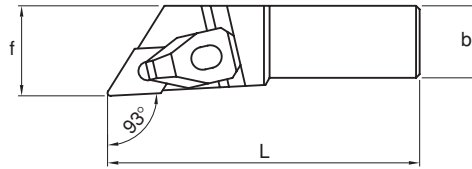
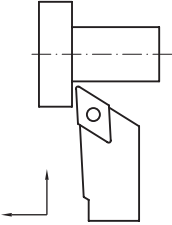
### D Tip - Pabuçlu Sistem Dış Torna Kateri

DCLN 95°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Clamp<br>Baskı Pabucu                                                               | Screw<br>Baskı Vidası                                                               | Screw<br>Altık Vidası                                                               |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DCLNR/L 20 20 K12             | ●             | ● | 20                          | 20 | 125 | 25 | CNM...1204                                                                        | U 112150                                                                           | TK DBP                                                                              | MTJN.22M6BV                                                                         | M4 AV                                                                               |
| DCLNR/L 25 25 M12             | ●             | ● | 25                          | 25 | 150 | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DCLNR/L 32 25 P12             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DCLNR/L 32 32 P12             | ○             | ○ | 32                          | 32 | 170 | 40 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

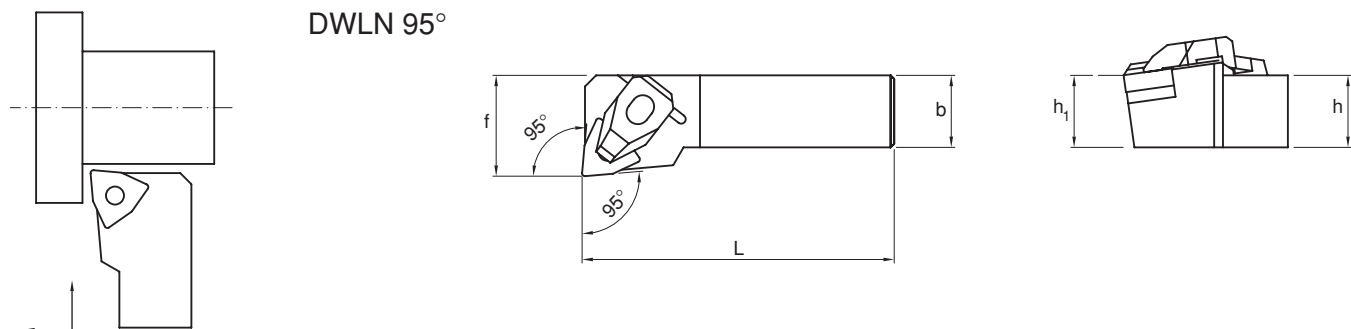
DDJN 93°



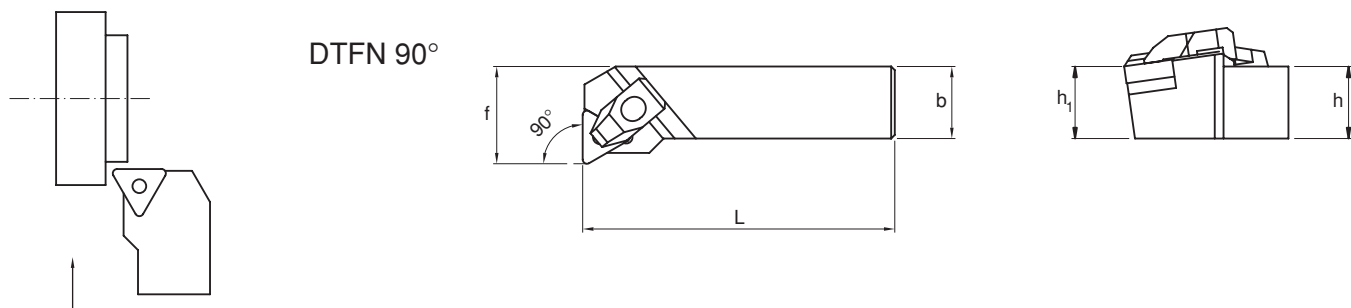
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Clamp<br>Baskı Pabucu                                                                 | Screw<br>Baskı Vidası                                                                 | Screw<br>Altık Vidası                                                                 |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| DDJNR/L 20 20 K15             | ●             | ● | 20                          | 20 | 125 | 25 | DNM...1506                                                                          | U 153150                                                                            | TK DBP                                                                                | MTJN.22M6BV                                                                           | M4 AV                                                                                 |
| DDJNR/L 25 25 M15             | ●             | ● | 25                          | 25 | 150 | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| DDJNR/L 32 25 P15             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| DDJNR/L 32 32 P15             | ○             | ○ | 32                          | 32 | 170 | 40 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

## D Type - Clamping System External Toolholder

### D Tip - Pabuçlu Sistem Dış Torna Kateri



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                     | Clamp<br>Baskı<br>Pabucu                                                            | Screw<br>Baskı Vidası                                                               | Screw<br>Altlık Vidası                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DWLNRL 20 20 K06              | ○             | ○ | 20                          | 20 | 125 | 25 | WNM...0604                                                                        | WN 06 ALT                                                                          | TK DBP                                                                              | MTJN.22M6BV                                                                         | M3 AV                                                                               |
| DWLNRL 25 25 M06              | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DWLNRL 25 25 M08              | ●             | ● | 25                          | 25 | 150 | 32 | WNM...0804                                                                        | 7853519                                                                            | TK DBP                                                                              | MTJN.22M6BV                                                                         | M4 AV                                                                               |
| DWLNRL 32 25 P08              | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                        | Clamp<br>Baskı<br>Pabucu                                                              | Screw<br>Baskı Vidası                                                                 | Screw<br>Altık Vidası                                                                 |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| DTFNR/L 20 20 K16             | ○             | ○ | 20                          | 20 | 125 | 25 | TNM...1604                                                                          | U 013950                                                                             | TK DBP K                                                                              | MTJN.22M6BV                                                                           | M4 AV                                                                                 |
| DTFNR/L 25 25 M16             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| DTFNR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

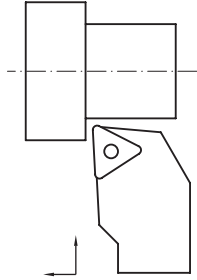
● Stokta Mevcut / In stock

⦿ Siparişten sonra 2 hafta / 2 weeks upon the date of order

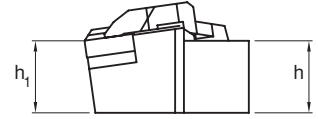
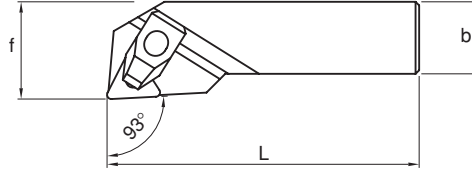
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## D Type - Clamping System External Toolholder

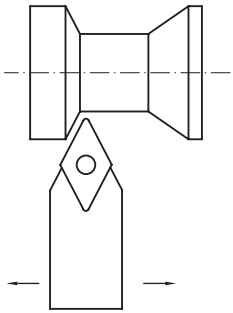
### D Tip - Pabuçlu Sistem Dış Torna Kateri



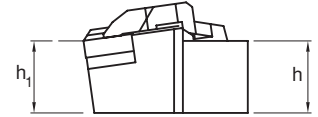
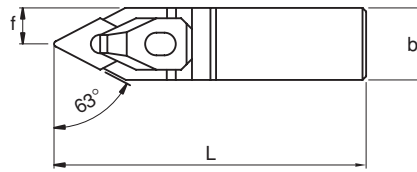
DTJN 93°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                     | Clamp<br>Baskı Pabucu                                                               | Screw<br>Baskı Vidası                                                               | Screw<br>Altlık Vidası                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DTJNR/L 20 20 K16             | ○             | ○ | 20                          | 20 | 125 | 25 | TNM...1604                                                                        | U 013950                                                                           | TK DBP K                                                                            | MTJN.22M6BV                                                                         | M4 AV                                                                               |
| DTJNR/L 25 25 M16             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| DTJNR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



DDNN 63°

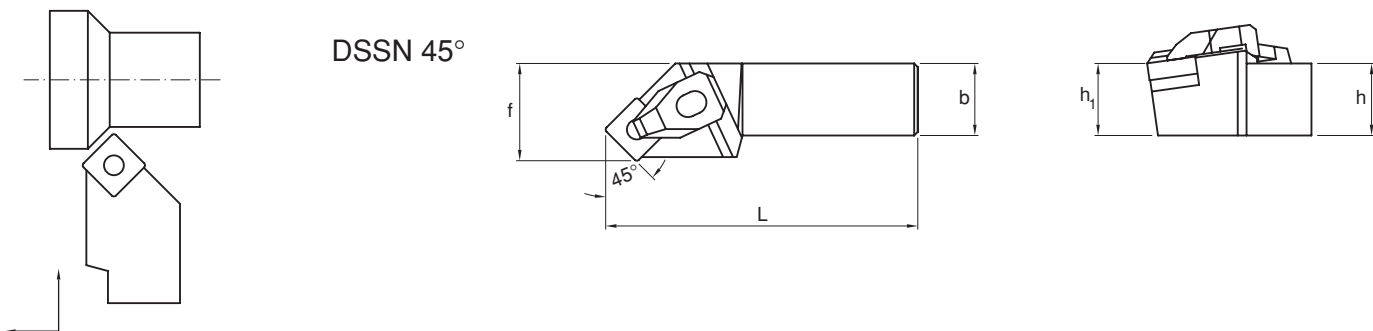


|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Clamp<br>Baskı Pabucu                                                                 | Screw<br>Baskı Vidası                                                                 | Screw<br>Altlık Vidası                                                                |
| DDNNN 20 20 K15               | ○             | 20                          | 20 | 125 | 10   | DNM...1506                                                                          | U 153150                                                                             | TK DBP                                                                                | MTJN.22M6BV                                                                           | M4 AV                                                                                 |
| DDNNN 25 25 M15               | ○             | 25                          | 25 | 150 | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| DDNNN 32 25 P15               | ○             | 32                          | 25 | 170 | 12.5 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

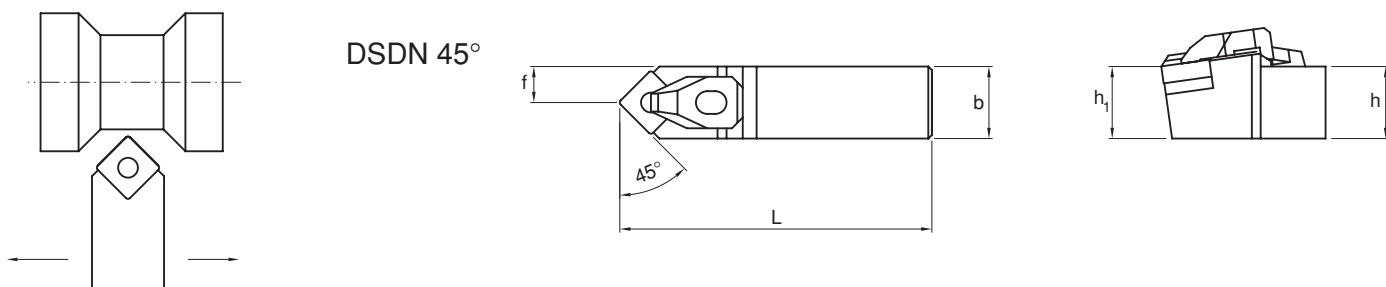


## D Type - Clamping System External Toolholder

### D Tip - Pabuçlu Sistem Dış Torna Kateri



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                    | Clamp<br>Baskı<br>Pabucu                                                            | Screw<br>Baskı Vidası                                                               | Screw<br>Altlık Vidası                                                              |
|                               | R             | L |                             |    |     |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| DSSNR/L 20 20 K12             | ○             | ○ | 20                          | 20 | 125 | 25 | SNM...1204                                                                        | U 063451                                                                          | TK DBP                                                                              | MTJN.22M6BV                                                                         | M4 AV                                                                               |
| DSSNR/L 25 25 M12             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| DSSNR/L 32 25 P12             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h<br>h <sub>1</sub>         | b  | L   | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Clamp<br>Baskı<br>Pabucu                                                              | Screw<br>Baskı Vidası                                                                 | Screw<br>Altlık Vidası                                                                |
|                               | R             | L |                             |    |     |      |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| DSDNN 20 20 K12               | ○             |   | 20                          | 20 | 125 | 10   | SNM...1204                                                                          | U 063451                                                                            | TK DBP                                                                                | MTJN.22M6BV                                                                           | M4 AV                                                                                 |
| DSDNN 25 25 M12               | ○             |   | 25                          | 25 | 150 | 12.5 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

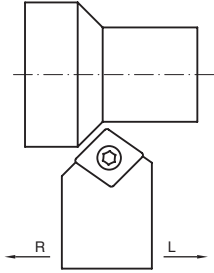
● Stokta Mevcut / In stock

⦿ Siparişten sonra 2 hafta / 2 weeks upon the date of order

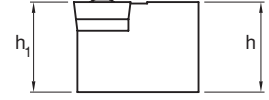
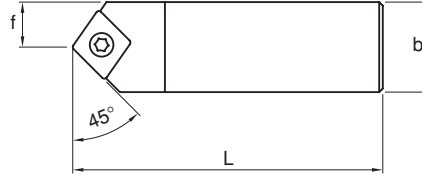
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## S Type - Screw System External Toolholder

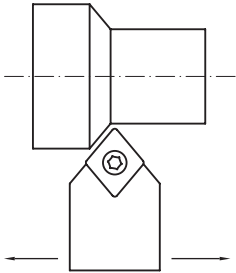
### S Tip - Vidalı Sistem Dış Torna Kateri



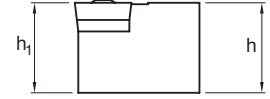
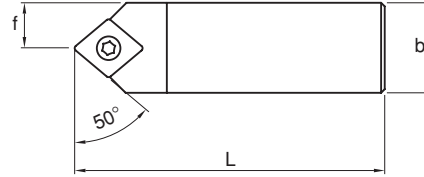
SCDC 45°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |   |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |   | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SCDCR/L 08 08 H06             | ○             | ○ | 8                           | 8  | 100 | 4 | CCM..0602                                                                         | —                                                                                 | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SCDCR/L 10 10 H06             | ○             | ○ | 10                          | 10 | 100 | 5 |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SCDCR/L 12 12 H09             | ○             | ○ | 12                          | 12 | 100 | 6 | CCM..09T3                                                                         | —                                                                                 | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SCDCR/L 14 14 H09             | ○             | ○ | 14                          | 14 | 100 | 7 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |



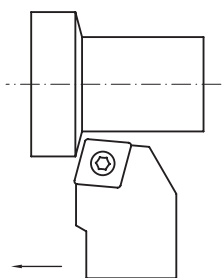
SCMC 50°



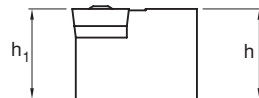
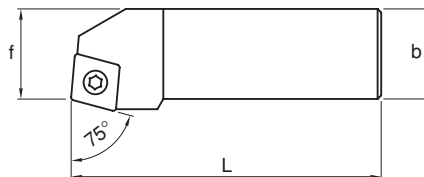
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           | b  | L   | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Shim Screw<br>Altık Vidası                                                            | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
|                               |               | h <sub>1</sub>              |    |     |      |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| SCMCN 16 16 H09               | ○             | 16                          | 16 | 100 | 8    | CCM..09T3                                                                           | —                                                                                   | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SCMCN 20 20 K09               | ○             | 20                          | 20 | 125 | 10   |                                                                                     | 7883001                                                                             | 7883102                                                                               |                                                                                       |                                                                                       |
| SCMCN 25 25 M12               | ●             | 25                          | 25 | 150 | 12.5 | CCM..1204                                                                           | 7883002                                                                             | 7883101                                                                               | 7815102                                                                               | T15                                                                                   |
| SCMCN 32 25 P12               | ○             | 32                          | 25 | 170 | 12.5 |                                                                                     | 7883002                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

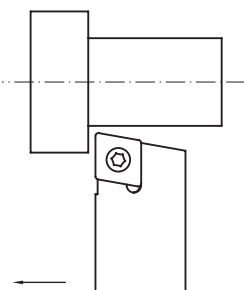
### S Tip - Vidalı Sistem Dış Torna Kateri



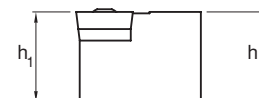
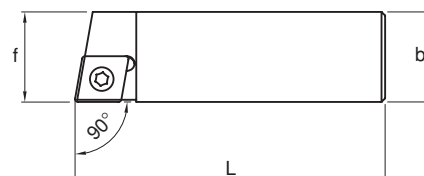
SCRC 75°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altılık                                                                   | Shim Screw<br>Altılık<br>Vidası                                                     | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SCRCR/L 08 08 D06             | ○ ○           | 8                           | 8  | 60  | 9  | CCM..0602                                                                         | —                                                                                 | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SCRCR/L 10 10 E06             | ○ ○           | 10                          | 10 | 70  | 11 |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SCRCR/L 12 12 F09             | ○ ○           | 12                          | 12 | 80  | 13 | CCM..09T3                                                                         | —                                                                                 | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SCRCR/L 16 16 H09             | ○ ○           | 16                          | 16 | 100 | 17 |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SCRCR/L 20 20 K09             | ○ ○           | 20                          | 20 | 125 | 22 |                                                                                   | 7883001                                                                           | 7883102                                                                             |                                                                                     |                                                                                     |
| SCRCR/L 16 16 H12             | ○ ○           | 16                          | 16 | 100 | 17 | CCM..1204                                                                         | —                                                                                 | —                                                                                   | 7883202                                                                             | T15                                                                                 |
| SCRCR/L 20 20 K12             | ○ ○           | 20                          | 20 | 125 | 22 |                                                                                   | 7883002                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |
| SCRCR/L 25 25 M12             | ○ ○           | 25                          | 25 | 150 | 27 |                                                                                   | 7883002                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |



SCAC 90°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           | b  | L   | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altılık                                                                     | Shim Screw<br>Altılık<br>Vidası                                                       | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SCACR/L 08 08 D06             | ○ ○           | 8                           | 8  | 60  | 9  | CCM..0602                                                                           | —                                                                                   | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SCACR/L 10 10 E06             | ○ ○           | 10                          | 10 | 70  | 11 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SCACR/L 12 12 F09             | ○ ○           | 12                          | 12 | 80  | 13 | CCM..09T3                                                                           | —                                                                                   | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SCACR/L 16 16 H09             | ○ ○           | 16                          | 16 | 100 | 17 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SCACR/L 20 20 K09             | ○ ○           | 20                          | 20 | 125 | 22 |                                                                                     | 7883001                                                                             | 7883102                                                                               |                                                                                       |                                                                                       |
| SCACR/L 16 16 H12             | ○ ○           | 16                          | 16 | 100 | 17 | CCM..1204                                                                           | —                                                                                   | —                                                                                     | 7883202                                                                               | T15                                                                                   |
| SCACR/L 20 20 K12             | ● ●           | 20                          | 20 | 125 | 22 |                                                                                     | 7883002                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |
| SCACR/L 25 25 M12             | ● ●           | 25                          | 25 | 150 | 27 |                                                                                     | 7883002                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |

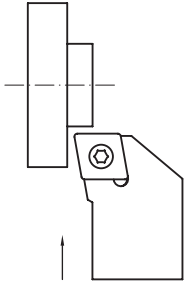
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

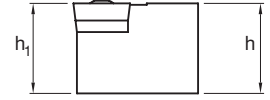
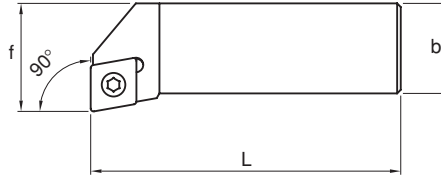
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## S Type - Screw System External Toolholder

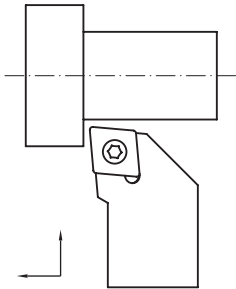
### S Tip - Vidalı Sistem Dış Torna Kateri



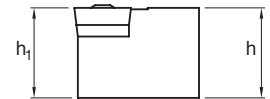
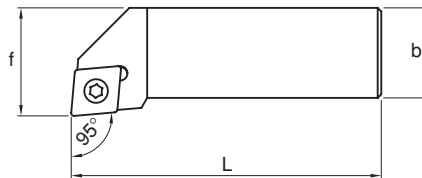
SCFC 90°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock<br>Stok | h                           | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SCFCR/L 08 08 D06             | ○ ○           | 8                           | 8  | 60  | 9  | CCM..0602                                                                         | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SCFCR/L 10 10 E06             | ○ ○           | 10                          | 10 | 70  | 11 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SCFCR/L 12 12 F09             | ○ ○           | 12                          | 12 | 80  | 13 | CCM..09T3                                                                         | —                                                                                  | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SCFCR/L 16 16 H09             | ○ ○           | 16                          | 16 | 100 | 17 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SCFCR/L 20 20 K09             | ○ ○           | 20                          | 20 | 125 | 22 |                                                                                   | 7883001                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SCFCR/L 16 16 H12             | ○ ○           | 16                          | 16 | 100 | 17 | CCM..1204                                                                         | —                                                                                  | —                                                                                   | 7883202                                                                             | T15                                                                                 |
| SCFCR/L 20 20 K12             | ○ ○           | 20                          | 20 | 125 | 22 |                                                                                   | 7883002                                                                            | 7883101                                                                             |                                                                                     |                                                                                     |
| SCFCR/L 25 25 M12             | ○ ○           | 25                          | 25 | 150 | 27 |                                                                                   | 7883002                                                                            | 7883101                                                                             |                                                                                     |                                                                                     |



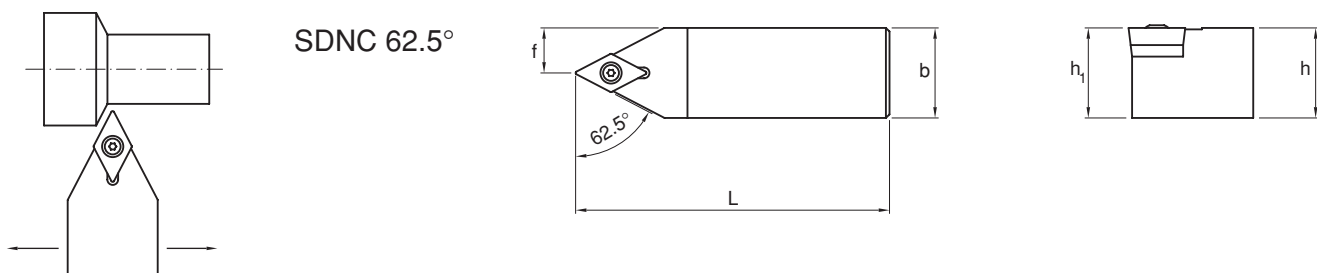
SCLC 95°



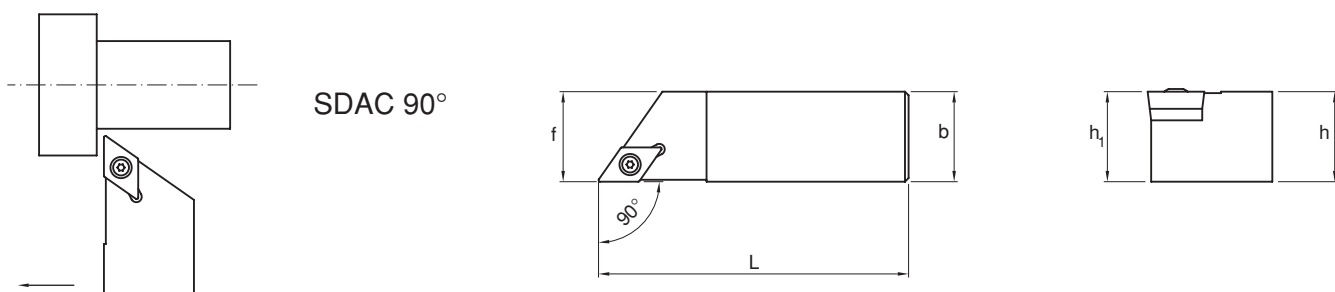
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock<br>Stok | h                           | b  | L   | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                        | Shim Screw<br>Altık Vidası                                                            | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SCLCR/L 08 08 D06             | ○ ○           | 8                           | 8  | 60  | 9  | CCM..0602                                                                           | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SCLCR/L 10 10 E06             | ○ ○           | 10                          | 10 | 70  | 11 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SCLCR/L 12 12 F09             | ○ ○           | 12                          | 12 | 80  | 13 | CCM..09T3                                                                           | —                                                                                    | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SCLCR/L 16 16 H09             | ○ ○           | 16                          | 16 | 100 | 17 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SCLCR/L 20 20 K09             | ● ●           | 20                          | 20 | 125 | 22 |                                                                                     | 7883001                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SCLCR/L 16 16 H12             | ○ ○           | 16                          | 16 | 100 | 17 | CCM..1204                                                                           | —                                                                                    | —                                                                                     | 7883202                                                                               | T15                                                                                   |
| SCLCR/L 20 20 K12             | ● ●           | 20                          | 20 | 125 | 22 |                                                                                     | 7883002                                                                              | 7883101                                                                               |                                                                                       |                                                                                       |
| SCLCR/L 25 25 M12             | ● ●           | 25                          | 25 | 150 | 27 |                                                                                     | 7883002                                                                              | 7883101                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

### S Tip - Vidalı Sistem Dış Torna Kateri



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Shim Screw<br>Altık<br>Vidası                                                       | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SDNCN 08 08 D07               | ○             | 8                           | 8  | 60  | 4    | DCM..0702                                                                         | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SDNCN 10 10 E07               | ○             | 10                          | 10 | 70  | 5    |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SDNCN 12 12 F07               | ○             | 12                          | 12 | 80  | 6    |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SDNCN 16 16 H11               | ○             | 16                          | 16 | 100 | 8    | DCM..11T3                                                                         | —                                                                                  | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SDNCN 20 20 K11               | ●             | 20                          | 20 | 125 | 10   |                                                                                   | 7815000                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SDNCN 25 25 M11               | ●             | 25                          | 25 | 150 | 12.5 |                                                                                   | 7815000                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SDNCN 32 25 P11               | ○             | 32                          | 25 | 170 | 12.5 |                                                                                   | 7815000                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Shim Screw<br>Altlık<br>Vidası                                                        | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SDACR/L 08 08 D07             | ○             | ○ | 8                           | 8  | 60  | 8  | DCM..0702                                                                           | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SDACR/L 10 10 E07             | ○             | ○ | 10                          | 10 | 70  | 10 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SDACR/L 12 12 F07             | ○             | ○ | 12                          | 12 | 80  | 12 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SDACR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 16 | DCM..11T3                                                                           | —                                                                                    | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SDACR/L 20 20 K11             | ○             | ○ | 20                          | 20 | 125 | 20 |                                                                                     | 7815000                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SDACR/L 25 25 M11             | ○             | ○ | 25                          | 25 | 150 | 25 |                                                                                     | 7815000                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SDACR/L 32 25 P11             | ○             | ○ | 32                          | 25 | 170 | 25 |                                                                                     | 7815000                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |

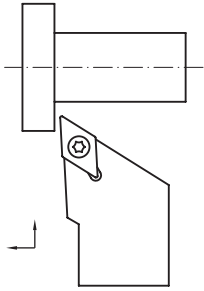
● Stokta Mevcut / In stock

○ Siparişten sonra 2 hafta / 2 weeks upon the date of order

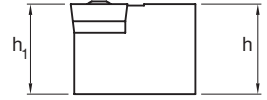
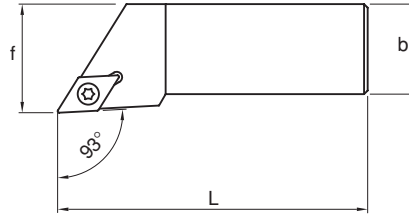
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## S Type - Screw System External Toolholder

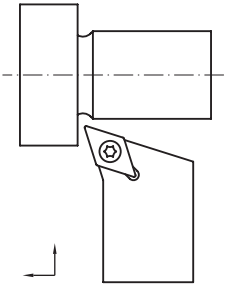
### S Tip - Vidalı Sistem Dış Torna Kateri



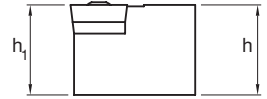
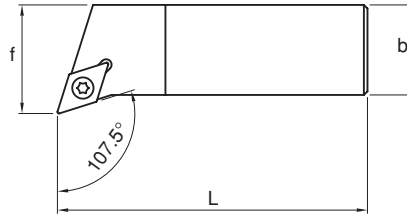
SDJC 93°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SDJCR/L 08 08 D07             | ○             | ○ | 8                           | 8  | 60  | 10 | DCM..0702                                                                         | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SDJCR/L 10 10 E07             | ○             | ○ | 10                          | 10 | 70  | 12 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SDJCR/L 12 12 F07             | ○             | ○ | 12                          | 12 | 80  | 16 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SDJCR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 20 | DCM..11T3                                                                         | —                                                                                  | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SDJCR/L 20 20 K11             | ●             | ● | 20                          | 20 | 125 | 25 |                                                                                   | 7815000                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SDJCR/L 25 25 M11             | ●             | ● | 25                          | 25 | 150 | 32 |                                                                                   | 7815000                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SDJCR/L 32 25 P11             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   | 7815000                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |



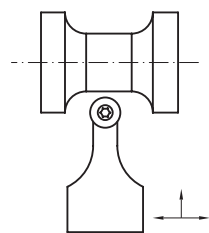
SDHC 107.5°



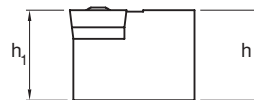
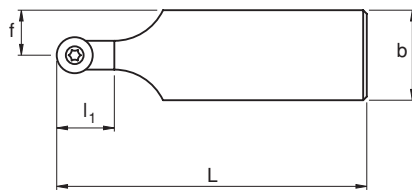
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                        | Shim Screw<br>Altık Vidası                                                            | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SDHCR/L 08 08 D07             | ○             | ○ | 8                           | 8  | 60  | 10 | DCM..0702                                                                           | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SDHCR/L 10 10 E07             | ○             | ○ | 10                          | 10 | 70  | 12 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SDHCR/L 12 12 F07             | ○             | ○ | 12                          | 12 | 80  | 16 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SDHCR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 20 | DCM..11T3                                                                           | —                                                                                    | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SDHCR/L 20 20 K11             | ⦿             | ⦿ | 20                          | 20 | 125 | 25 |                                                                                     | 7815000                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SDHCR/L 25 25 M11             | ●             | ● | 25                          | 25 | 150 | 32 |                                                                                     | 7815000                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SDHCR/L 32 25 P11             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                     | 7815000                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

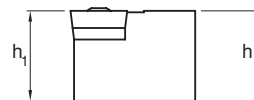
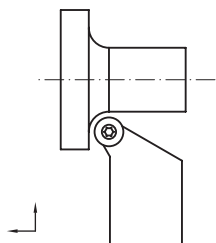
### S Tip - Vidalı Sistem Dış Torna Kateri



SRDC



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h1                     | b  | L   | l1 | f    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Shim Screw<br>Altık<br>Vidası                                                       | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SRDCN 12 12 F06               | ○             | 12                          | 12 | 80  | 13 | 6    | RC...06..                                                                         | —                                                                                 | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SRDCN 16 16 H06               | ○             | 16                          | 16 | 100 | 17 | 8    |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SRDCN 20 20 K06               | ○             | 20                          | 20 | 125 | 21 | 10   |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SRDCN 25 25 M06               | ●             | 25                          | 25 | 150 | 21 | 12.5 |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SRDCN 16 16 H08               | ○             | 16                          | 16 | 100 | 17 | 8    | RC...08..                                                                         | —                                                                                 | —                                                                                   | 7883203                                                                             | T09                                                                                 |
| SRDCN 20 20 K08               | ●             | 20                          | 20 | 125 | 21 | 10   |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SRDCN 25 25 M08               | ●             | 25                          | 25 | 150 | 21 | 12.5 |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SRDCN 16 16 H10               | ○             | 16                          | 16 | 100 | 17 | 8    | RC...10..                                                                         |                                                                                   |                                                                                     |                                                                                     | T15                                                                                 |
| SRDCN 20 20 K10               | ○             | 20                          | 20 | 125 | 21 | 10   |                                                                                   | 7817002                                                                           | 7883102                                                                             | 7815102                                                                             |                                                                                     |
| SRDCN 25 25 M10               | ●             | 25                          | 25 | 150 | 21 | 12.5 |                                                                                   | 7817002                                                                           | 7883102                                                                             |                                                                                     |                                                                                     |
| SRDCN 20 20 K12               | ○             | 20                          | 20 | 125 | 21 | 10   | RC...12..                                                                         | 7817003                                                                           | 7883101                                                                             | 7815202                                                                             | T15                                                                                 |
| SRDCN 25 25 M12               | ●             | 25                          | 25 | 150 | 21 | 12.5 |                                                                                   | 7817003                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |
| SRDCN 32 25 P12               | ○             | 32                          | 25 | 170 | 25 | 12.5 |                                                                                   | 7817003                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |

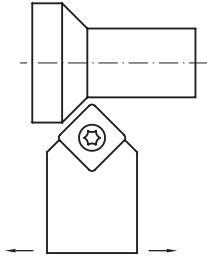


|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h1                     | b  | L   | l1 | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Shim Screw<br>Altık<br>Vidası                                                         | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SRGCR/L 12 12 F06             | ○ ○           | 12                          | 12 | 80  | 16 | 16 | RC...06..                                                                           | —                                                                                   | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SRGCR/L 16 16 H06             | ○ ○           | 16                          | 16 | 100 | 20 | 20 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SRGCR/L 20 20 K06             | ○ ○           | 20                          | 20 | 125 | 25 | 25 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SRGCR/L 25 25 M06             | ○ ○           | 25                          | 25 | 150 | 32 | 32 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SRGCR/L 16 16 H08             | ○ ○           | 16                          | 16 | 100 | 20 | 20 | RC...08..                                                                           | —                                                                                   | —                                                                                     | 7883203                                                                               | T09                                                                                   |
| SRGCR/L 20 20 K08             | ○ ○           | 20                          | 20 | 125 | 25 | 25 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SRGCR/L 25 25 M08             | ○ ○           | 25                          | 25 | 150 | 32 | 32 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SRGCR/L 16 16 H10             | ○ ○           | 16                          | 16 | 100 | 20 | 20 | RC...10..                                                                           | —                                                                                   | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SRGCR/L 20 20 K10             | ○ ○           | 20                          | 20 | 125 | 25 | 25 |                                                                                     | 7817002                                                                             | 7883102                                                                               |                                                                                       |                                                                                       |
| SRGCR/L 25 25 M10             | ○ ○           | 25                          | 25 | 150 | 32 | 32 |                                                                                     | 7817002                                                                             | 7883102                                                                               |                                                                                       |                                                                                       |
| SRGCR/L 20 20 K12             | ○ ○           | 20                          | 20 | 125 | 25 | 25 | RC...12..                                                                           | 7817003                                                                             | 7883101                                                                               | 7815202                                                                               | T15                                                                                   |
| SRGCR/L 25 25 M12             | ○ ○           | 25                          | 25 | 150 | 32 | 32 |                                                                                     | 7817003                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |
| SRGCR/L 32 25 P12             | ○ ○           | 32                          | 25 | 170 | 32 | 32 |                                                                                     | 7817003                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |

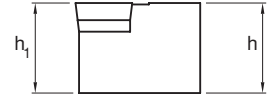
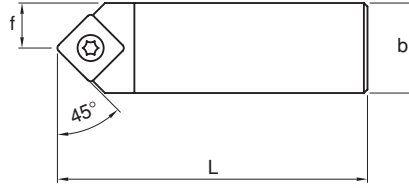


## S Type - Screw System External Toolholder

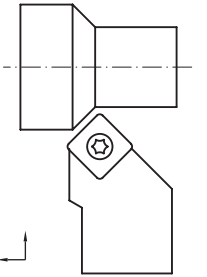
### S Tip - Vidalı Sistem Dış Torna Kateri



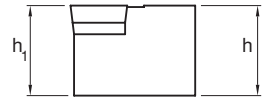
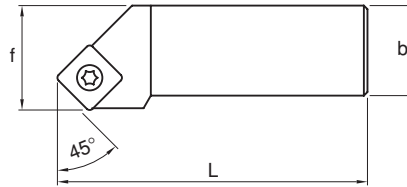
SSDC 45°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SSDCN 12 12 F09               | ○             | 12                          | 12 | 80  | 6    | SCM...09T3..                                                                      | —                                                                                 | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SSDCN 16 16 H09               | ○             | 16                          | 16 | 100 | 8    |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SSDCN 20 20 K09               | ○             | 20                          | 20 | 125 | 10   |                                                                                   | 7883003                                                                           | 7883102                                                                             |                                                                                     |                                                                                     |
| SSDCN 16 16 H12               | ○             | 16                          | 16 | 100 | 8    | SCM...1204..                                                                      | —                                                                                 | —                                                                                   | 7883202                                                                             | T15                                                                                 |
| SSDCN 20 20 K12               | ●             | 20                          | 20 | 125 | 10   |                                                                                   | 7883004                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |
| SSDCN 25 25 M12               | ●             | 25                          | 25 | 150 | 12.5 |                                                                                   | 7883004                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |
| SSDCN 32 25 P12               | ○             | 32                          | 25 | 170 | 12.5 |                                                                                   | 7883004                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |



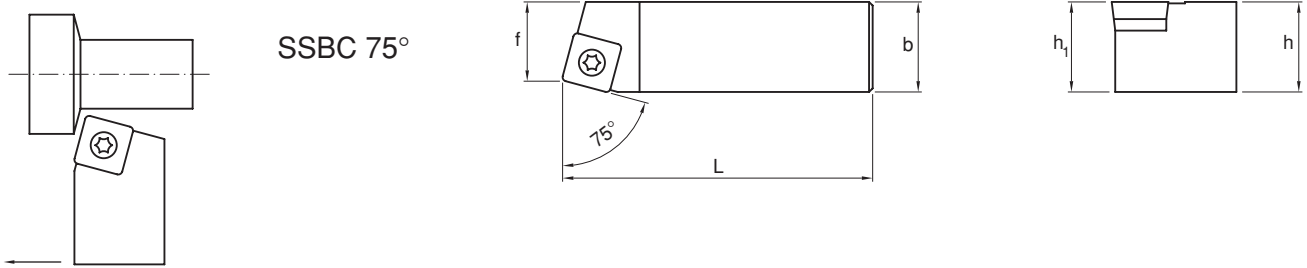
SSSC 45°



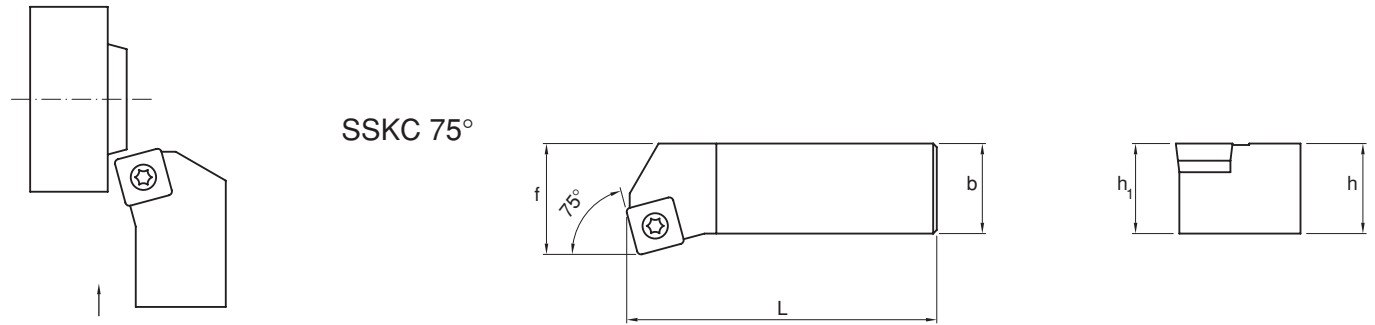
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Shim Screw<br>Altlık Vidası                                                           | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| SSSCR/L 12 12 F09             | ○             | ○ | 12                          | 12 | 80  | 16 | SCM...09T3..                                                                        | —                                                                                   | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SSSCR/L 16 16 H09             | ○             | ○ | 16                          | 16 | 100 | 20 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SSSCR/L 20 20 K09             | ○             | ○ | 20                          | 20 | 125 | 25 |                                                                                     | 7883003                                                                             | 7883102                                                                               |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| SSSCR/L 16 16 H12             | ○             | ○ | 16                          | 16 | 100 | 20 | SCM...1204..                                                                        | —                                                                                   | —                                                                                     | 7883202                                                                               | T15                                                                                   |
| SSSCR/L 20 20 K12             | ◐             | ◐ | 20                          | 20 | 125 | 25 |                                                                                     | 7883004                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |
| SSSCR/L 25 25 M12             | ●             | ● | 25                          | 25 | 150 | 32 |                                                                                     | 7883004                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |
| SSSCR/L 32 25 P12             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                     | 7883004                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

### S Tip - Vidalı Sistem Dış Torna Kateri



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                     | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SSBCR/L 12 12 F09             | ○ ○           | 12                          | 12 | 80  | 10 | SCM...09T3..                                                                      | —                                                                                 | —                                                                                   | 7815102                                                                             | T15                                                                                 |
| SSBCR/L 16 16 H09             | ○ ○           | 16                          | 16 | 100 | 13 |                                                                                   | —                                                                                 | —                                                                                   |                                                                                     |                                                                                     |
| SSBCR/L 20 20 K09             | ○ ○           | 20                          | 20 | 125 | 17 |                                                                                   | 7883003                                                                           | 7883102                                                                             |                                                                                     |                                                                                     |
| SSBCR/L 16 16 H12             | ○ ○           | 16                          | 16 | 100 | 13 | SCM...1204..                                                                      | —                                                                                 | —                                                                                   | 7883202                                                                             | T15                                                                                 |
| SSBCR/L 20 20 K12             | ○ ○           | 20                          | 20 | 125 | 17 |                                                                                   | 7883004                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |
| SSBCR/L 25 25 M12             | ○ ○           | 25                          | 25 | 150 | 22 |                                                                                   | 7883004                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |
| SSBCR/L 32 25 P12             | ○ ○           | 32                          | 25 | 170 | 22 |                                                                                   | 7883004                                                                           | 7883101                                                                             |                                                                                     |                                                                                     |



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                       | Shim Screw<br>Altık Vidası                                                            | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SSKCR/L 12 12 F09             | ○ ○           | 12                          | 12 | 80  | 16 | SCM...09T3..                                                                        | —                                                                                   | —                                                                                     | 7815102                                                                               | T15                                                                                   |
| SSKCR/L 16 16 H09             | ○ ○           | 16                          | 16 | 100 | 20 |                                                                                     | —                                                                                   | —                                                                                     |                                                                                       |                                                                                       |
| SSKCR/L 20 20 K09             | ○ ○           | 20                          | 20 | 125 | 25 |                                                                                     | 7883003                                                                             | 7883102                                                                               |                                                                                       |                                                                                       |
| SSKCR/L 16 16 H12             | ○ ○           | 16                          | 16 | 100 | 20 | SCM...1204..                                                                        | —                                                                                   | —                                                                                     | 7883202                                                                               | T15                                                                                   |
| SSKCR/L 20 20 K12             | ○ ○           | 20                          | 20 | 125 | 25 |                                                                                     | 7883004                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |
| SSKCR/L 25 25 M12             | ○ ○           | 25                          | 25 | 150 | 32 |                                                                                     | 7883004                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |
| SSKCR/L 32 25 P12             | ○ ○           | 32                          | 25 | 150 | 32 |                                                                                     | 7883004                                                                             | 7883101                                                                               |                                                                                       |                                                                                       |

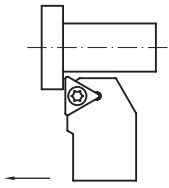
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

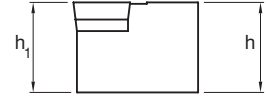
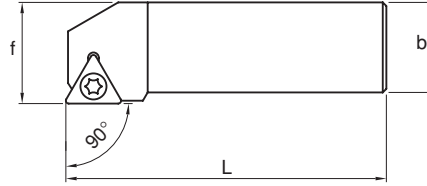
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## S Type - Screw System External Toolholder

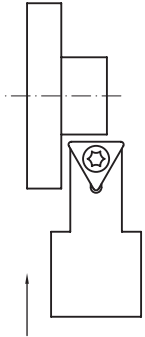
### S Tip - Vidalı Sistem Dış Torna Kateri



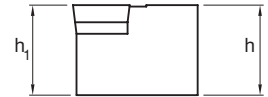
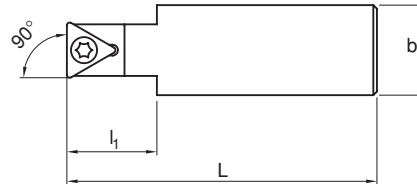
STGC 90°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| STGCR/L 10 10 E09             | ○ ○           | 10                          | 10 | 70  | 12 | TCM...0902..                                                                      | —                                                                                  | —                                                                                   | 7722113                                                                             | T07                                                                                 |
| STGCR/L 12 12 F11             | ○ ○           | 12                          | 12 | 80  | 14 | TCM...1102..                                                                      | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| STGCR/L 16 16 H11             | ○ ○           | 16                          | 16 | 100 | 20 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| STGCR/L 16 16 H16             | ○ ○           | 16                          | 16 | 100 | 20 | TCM...16T3..                                                                      | 7883005                                                                            | 7883102                                                                             | 7815102                                                                             | T15                                                                                 |
| STGCR/L 20 20 K16             | ● ●           | 20                          | 20 | 125 | 25 |                                                                                   | 7883005                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| STGCR/L 25 25 M16             | ● ●           | 25                          | 25 | 150 | 32 |                                                                                   | 7883005                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| STGCR/L 32 25 P16             | ○ ○           | 32                          | 25 | 170 | 32 |                                                                                   | 7883005                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |



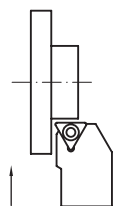
STCC



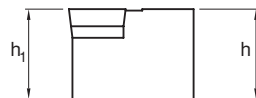
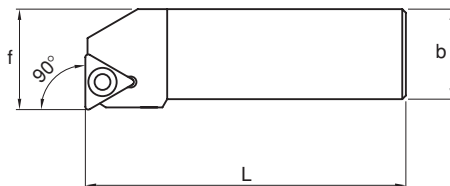
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                        | Shim Screw<br>Altık<br>Vidası                                                         | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| STCCN 10 10 E09               | ○             | 10                          | 10 | 70  | TCM..0902..                                                                         | —                                                                                    | —                                                                                     | 7722113                                                                               | T07                                                                                   |
|                               |               |                             |    |     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| STCCN 12 12 F11               | ○             | 12                          | 12 | 80  | TCM..1102..                                                                         | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| STCCN 14 14 H11               | ○             | 16                          | 16 | 100 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
|                               |               |                             |    |     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| STCCN 16 16 H16               | ○             | 16                          | 16 | 100 | TCM...16T3..                                                                        | 7883005                                                                              | 7883102                                                                               | 7815102                                                                               | T15                                                                                   |
| STCCN 20 20 K16               | ○             | 20                          | 20 | 125 |                                                                                     | 7883005                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| STCCN 25 25 M16               | ○             | 25                          | 25 | 150 |                                                                                     | 7883005                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| STCCN 32 25 P16               | ○             | 32                          | 25 | 170 |                                                                                     | 7883005                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

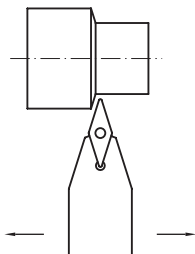
### S Tip - Vidalı Sistem Dış Torna Kateri



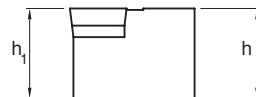
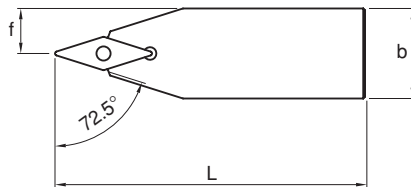
STFC 90°



|                               |                      | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|----------------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok<br>R L | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altılık                                                                    | Shim Screw<br>Altılık Vidası                                                        | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| STFCR/L 10 10 E09             | ○ ○                  | 10                          | 10 | 70  | 12 | TCM...0902..                                                                      | —                                                                                  | —                                                                                   | 7722113                                                                             | T07                                                                                 |
| STFCR/L 12 12 F11             | ○ ○                  | 12                          | 12 | 80  | 14 | TCM...1102..                                                                      | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| STFCR/L 16 16 H11             | ○ ○                  | 16                          | 16 | 100 | 20 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| STFCR/L 16 16 H16             | ○ ○                  | 16                          | 16 | 100 | 20 | TCM...16T3..                                                                      | 7883005                                                                            | 7883102                                                                             | 7815102                                                                             | T15                                                                                 |
| STFCR/L 20 20 K16             | ● ●                  | 20                          | 20 | 125 | 25 |                                                                                   | 7883005                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| STFCR/L 25 25 M16             | ● ●                  | 25                          | 25 | 150 | 32 |                                                                                   | 7883005                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| STFCR/L 32 25 P16             | ○ ○                  | 32                          | 25 | 170 | 32 |                                                                                   | 7883005                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |



SVVC 72.5°



|                               |                      | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|----------------------|-----------------------------|----|-----|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok<br>R L | h<br>h <sub>1</sub>         | b  | L   | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altılık                                                                      | Shim Screw<br>Altılık Vidası                                                          | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SVVCN 12 12 F11               | ○                    | 12                          | 12 | 80  | 6    | VCM...1103..                                                                        | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SVVCN 16 16 H11               | ○                    | 16                          | 16 | 100 | 8    |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVVCN 20 20 K11               | ○                    | 20                          | 20 | 125 | 10   |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVVCN 25 25 M11               | ○                    | 25                          | 25 | 150 | 12.5 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVVCN 20 20 K16               | ●                    | 20                          | 20 | 125 | 10   | VCM...1604..                                                                        | 7815002                                                                              | 7883102                                                                               | 7815102                                                                               | T15                                                                                   |
| SVVCN 25 25 M16               | ●                    | 25                          | 25 | 150 | 12.5 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVVCN 32 25 P16               | ○                    | 32                          | 25 | 170 | 12.5 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVVCN 25 25 M22               | ○                    | 25                          | 25 | 150 | 12.5 | VCM...2205..                                                                        | 7815004                                                                              | 7883101                                                                               | 7883202                                                                               | T15                                                                                   |
| SVVCN 32 25 P22               | ○                    | 32                          | 25 | 170 | 12.5 |                                                                                     | 7815004                                                                              | 7883101                                                                               |                                                                                       |                                                                                       |

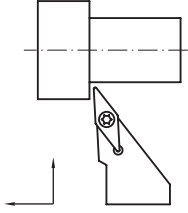
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

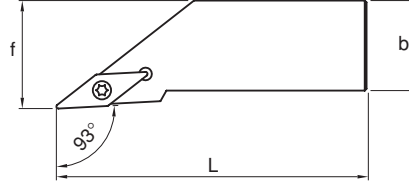
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## S Type - Screw System External Toolholder

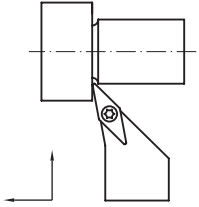
### S Tip - Vidalı Sistem Dış Torna Kateri



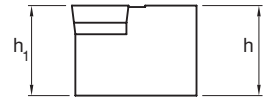
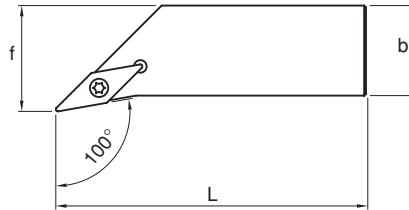
SVJC 93°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SVJCR/L 12 12 F11             | ○             | ○ | 12                          | 12 | 80  | 16 | VCM..1103..                                                                       | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SVJCR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 20 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVJCR/L 20 20 K11             | ○             | ○ | 20                          | 20 | 125 | 25 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVJCR/L 25 25 M11             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SVJCR/L 20 20 K16             | ●             | ● | 20                          | 20 | 125 | 25 | VCM...1604..                                                                      | 7815002                                                                            | 7883102                                                                             | 7815102                                                                             | T15                                                                                 |
| SVJCR/L 25 25 M16             | ●             | ● | 25                          | 25 | 150 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SVJCR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SVJCR/L 25 25 M22             | ○             | ○ | 25                          | 25 | 150 | 32 | VCM...2205..                                                                      | 7815004                                                                            | 7883101                                                                             | 7883202                                                                             | T15                                                                                 |
| SVJCR/L 32 25 P22             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   | 7815004                                                                            | 7883101                                                                             |                                                                                     |                                                                                     |



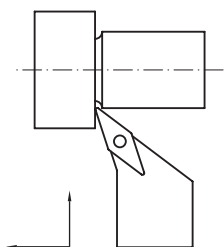
SVZC 100°



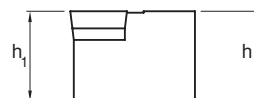
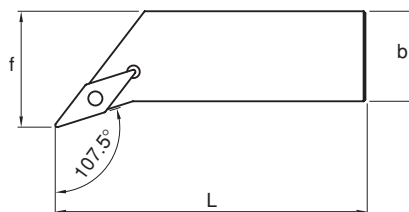
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                       | Shim Screw<br>Altlık Vidası                                                           | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SVZCR/L 12 12 F11             | ○             | ○ | 12                          | 12 | 80  | 16 | VCM...1103..                                                                        | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SVZCR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 20 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVZCR/L 20 20 K11             | ○             | ○ | 20                          | 20 | 125 | 25 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVZCR/L 25 25 M11             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SVZCR/L 20 20 K16             | ○             | ○ | 20                          | 20 | 125 | 25 | VCM...1604..                                                                        | 7815002                                                                              | 7883102                                                                               | 7815102                                                                               | T15                                                                                   |
| SVZCR/L 25 25 M16             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVZCR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| SVZCR/L 25 25 M22             | ○             | ○ | 25                          | 25 | 150 | 32 | VCM...2205..                                                                        | 7815004                                                                              | 7883101                                                                               | 7883202                                                                               | T15                                                                                   |
| SVZCR/L 32 25 P22             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                     | 7815004                                                                              | 7883101                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

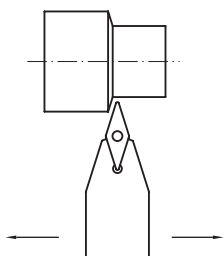
### S Tip - Vidalı Sistem Dış Torna Kateri



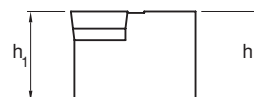
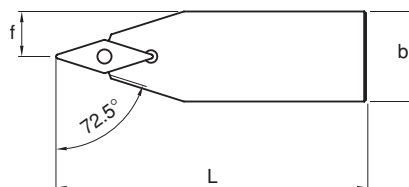
SVHC 107.5°



|                               |                      | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|----------------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok<br>R L | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altık                                                                      | Shim Screw<br>Altık Vidası                                                          | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SVHCR/L 12 12 F11             | ○ ○                  | 12                          | 12 | 80  | 16 | VCM...1103..                                                                      | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SVHCR/L 16 16 H11             | ○ ○                  | 16                          | 16 | 100 | 20 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVHCR/L 20 20 K11             | ○ ○                  | 20                          | 20 | 125 | 25 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVHCR/L 25 25 M11             | ○ ○                  | 25                          | 25 | 150 | 32 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVHCR/L 20 20 K16             | ○ ○                  | 20                          | 20 | 125 | 25 | VCM...1604..                                                                      | 7815002                                                                            | 7883102                                                                             | 7815102                                                                             | T15                                                                                 |
| SVHCR/L 25 25 M16             | ○ ○                  | 25                          | 25 | 150 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SVHCR/L 32 25 P16             | ○ ○                  | 32                          | 25 | 170 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SVHCR/L 25 25 M22             | ○ ○                  | 25                          | 25 | 150 | 32 | VCM...2205..                                                                      | 7815004                                                                            | 7883101                                                                             | 7883202                                                                             | T15                                                                                 |
| SVHCR/L 32 25 P22             | ○ ○                  | 32                          | 25 | 170 | 32 |                                                                                   | 7815004                                                                            | 7883101                                                                             |                                                                                     |                                                                                     |



SVVB 72.5°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |      |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f    | Insert<br>Kesici Uç                                                                 | Shim<br>Altık                                                                        | Shim Screw<br>Altık Vidası                                                            | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SVVBN 12 12 F11               | ○             | 12                          | 12 | 80  | 6    | VBM...1103..                                                                        | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SVVBN 16 16 H11               | ○             | 16                          | 16 | 100 | 8    |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVVBN 20 20 K11               | ○             | 20                          | 20 | 125 | 10   |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVVBN 25 25 M11               | ○             | 25                          | 25 | 150 | 12.5 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVVBN 20 20 K16               | ●             | 20                          | 20 | 125 | 10   | VBM...1604..                                                                        | 7815002                                                                              | 7883102                                                                               | 7815102                                                                               | T15                                                                                   |
| SVVBN 25 25 M16               | ●             | 25                          | 25 | 150 | 12.5 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVVBN 32 25 P16               | ○             | 32                          | 25 | 170 | 12.5 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVVBN 25 25 M22               | ○             | 25                          | 25 | 150 | 12.5 | VBM...2205..                                                                        | 7815004                                                                              | 7883101                                                                               | 7883202                                                                               | T15                                                                                   |
| SVVBN 32 25 P22               | ○             | 32                          | 25 | 170 | 12.5 |                                                                                     | 7815004                                                                              | 7883101                                                                               |                                                                                       |                                                                                       |

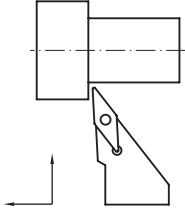
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

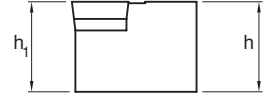
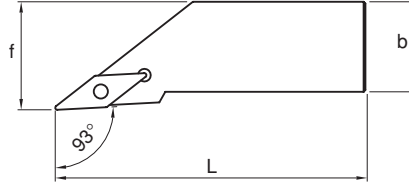
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## S Type - Screw System External Toolholder

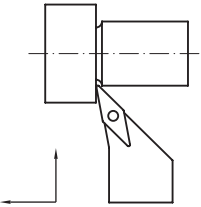
### S Tip - Vidalı Sistem Dış Torna Kateri



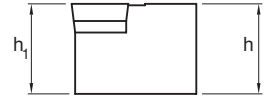
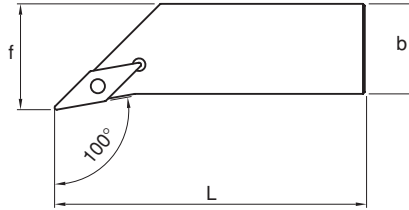
SVJB 93°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                               | Shim<br>Altılık                                                                    | Shim Screw<br>Altılık Vidası                                                        | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
| SVJBR/L 12 12 F11             | ○ ○           | 12                          | 12 | 80  | 16 | VBM...1103..                                                                      | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SVJBR/L 16 16 H11             | ○ ○           | 16                          | 16 | 100 | 20 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVJBR/L 20 20 K11             | ○ ○           | 20                          | 20 | 125 | 25 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVJBR/L 25 25 M11             | ○ ○           | 25                          | 25 | 150 | 32 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVJBR/L 20 20 K16             | ● ●           | 20                          | 20 | 125 | 25 | VBM...1604..                                                                      | 7815002                                                                            | 7883102                                                                             | 7815102                                                                             | T15                                                                                 |
| SVJBR/L 25 25 M16             | ● ●           | 25                          | 25 | 150 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SVJBR/L 32 25 P16             | ○ ○           | 32                          | 25 | 170 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SVJBR/L 25 25 M22             | ○ ○           | 25                          | 25 | 150 | 32 | VBM...2205..                                                                      | 7815004                                                                            | 7883101                                                                             | 7883202                                                                             | T15                                                                                 |
| SVJBR/L 32 25 P22             | ○ ○           | 32                          | 25 | 170 | 32 |                                                                                   | 7815004                                                                            | 7883101                                                                             |                                                                                     |                                                                                     |



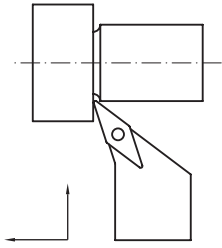
SVZB 100°



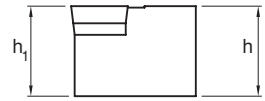
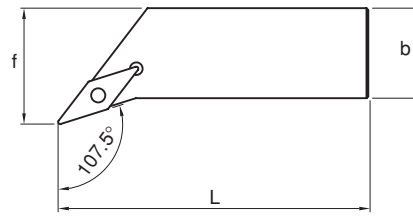
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altılık                                                                      | Shim Screw<br>Altılık Vidası                                                          | Screw<br>Sıkma Vidası                                                                 | Wrench<br>Torx Anahtar                                                                |
| SVZBR/L 12 12 F11             | ○ ○           | 12                          | 12 | 80  | 16 | VBM...1103..                                                                        | —                                                                                    | —                                                                                     | 7815101                                                                               | T08                                                                                   |
| SVZBR/L 16 16 H11             | ○ ○           | 16                          | 16 | 100 | 20 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVZBR/L 20 20 K11             | ○ ○           | 20                          | 20 | 125 | 25 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVZBR/L 25 25 M11             | ○ ○           | 25                          | 25 | 150 | 32 |                                                                                     | —                                                                                    | —                                                                                     |                                                                                       |                                                                                       |
| SVZBR/L 20 20 K16             | ○ ○           | 20                          | 20 | 125 | 25 | VBM...1604..                                                                        | 7815002                                                                              | 7883102                                                                               | 7815102                                                                               | T15                                                                                   |
| SVZBR/L 25 25 M16             | ○ ○           | 25                          | 25 | 150 | 32 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVZBR/L 32 25 P16             | ○ ○           | 32                          | 25 | 170 | 32 |                                                                                     | 7815002                                                                              | 7883102                                                                               |                                                                                       |                                                                                       |
| SVZBR/L 25 25 M22             | ○ ○           | 25                          | 25 | 150 | 32 | VBM...2205..                                                                        | 7815004                                                                              | 7883101                                                                               | 7883202                                                                               | T15                                                                                   |
| SVZBR/L 32 25 P22             | ○ ○           | 32                          | 25 | 170 | 32 |                                                                                     | 7815004                                                                              | 7883101                                                                               |                                                                                       |                                                                                       |

## S Type - Screw System External Toolholder

### S Tip - Vidalı Sistem Dış Torna Kateri



SVHB 107.5°



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |    |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                     | Shim Screw<br>Altlık Vidası                                                         | Screw<br>Sıkma Vidası                                                               | Wrench<br>Torx Anahtar                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | f  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SVHBR/L 12 12 F11             | ○             | ○ | 12                          | 12 | 80  | 16 | VBM..1103..                                                                       | —                                                                                  | —                                                                                   | 7815101                                                                             | T08                                                                                 |
| SVHBR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 20 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVHBR/L 20 20 K11             | ○             | ○ | 20                          | 20 | 125 | 25 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
| SVHBR/L 25 25 M11             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                   | —                                                                                  | —                                                                                   |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SVHBR/L 20 20 K16             | ○             | ○ | 20                          | 20 | 125 | 25 | VBM...1604..                                                                      | 7815002                                                                            | 7883102                                                                             | 7815102                                                                             | T15                                                                                 |
| SVHBR/L 25 25 M16             | ○             | ○ | 25                          | 25 | 150 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
| SVHBR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   | 7815002                                                                            | 7883102                                                                             |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| SVHBR/L 25 25 M22             | ○             | ○ | 25                          | 25 | 150 | 32 | VBM...2205..                                                                      | 7815004                                                                            | 7883101                                                                             | 7883202                                                                             | T15                                                                                 |
| SVHBR/L 32 25 P22             | ○             | ○ | 32                          | 25 | 170 | 32 |                                                                                   | 7815004                                                                            | 7883101                                                                             |                                                                                     |                                                                                     |

● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

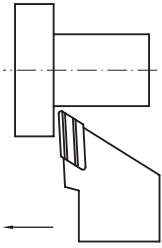
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order



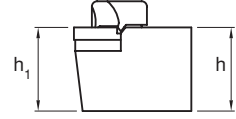


## C Type - Top Clamp / External Turning Toolholder

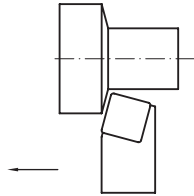
### C Tip - Pabuçlu Sistem Dış Torna Kateri



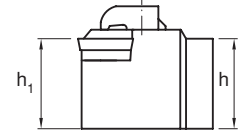
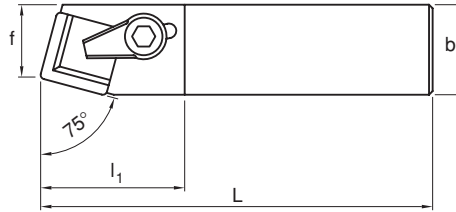
CKJN 93°



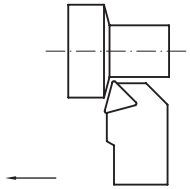
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |    |     |                |    |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----|-----|----------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h  | b  | L   | l <sub>1</sub> | f  | Insert<br>Kesici Uç                                                               | Right Clamp<br>Sağ Baskı<br>Parçası                                               | Left Clamp<br>Sol Baskı<br>Parçası                                                | Screw<br>Baskı<br>Vidası                                                            | Rigth Shim<br>Sağ Altlık                                                            | Left Shim<br>Sol Altlık                                                             | Shim Pim<br>Altılık Pimi                                                            |
|                               | R             | L                           |    |    |     |                |    |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| CKJNR/L 25 25 M16             | ●             | ●                           | 25 | 25 | 150 | 35             | 32 | KNUX 16...                                                                        | 70.5.824                                                                          | 70.5.825                                                                          | 70.5865                                                                             | U 00051R                                                                            | U 00051L                                                                            | 7480901                                                                             |
| CKJNR/L 32 25 P16             | ○             | ○                           | 32 | 25 | 170 | 35             | 32 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| CKJNR/L 32 32 P16             | ○             | ○                           | 32 | 32 | 170 | 35             | 40 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



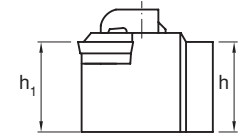
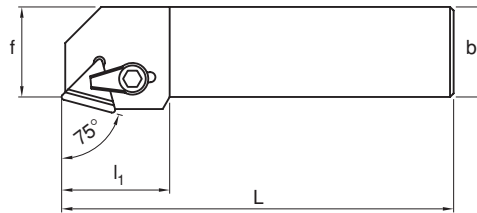
CSBP 75°



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |    |     |                |    |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h  | b  | L   | l <sub>1</sub> | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altılık                                                                     | Clamp<br>Baskı<br>Papucu                                                             | Screw<br>Baskı<br>Vidası                                                              | Shim Pim<br>Altılık Pimi                                                              | Sawdust Cutting<br>Talaş Kırıcı                                                       |
|                               | R             | L                           |    |    |     |                |    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CSBPR/L 20 20 K12             | ○             | ○                           | 20 | 20 | 125 | 36             | 17 | SP...1203..                                                                         | 7480315                                                                             | TBP 16                                                                               | TBP 16 BV                                                                             | 7480901                                                                               | SP 12 TK                                                                              |
| CSBPR/L 25 25 M12             | ○             | ○                           | 25 | 25 | 150 | 36             | 22 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CSBPR/L 32 25 P12             | ○             | ○                           | 32 | 25 | 170 | 36             | 22 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |



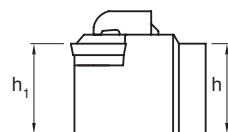
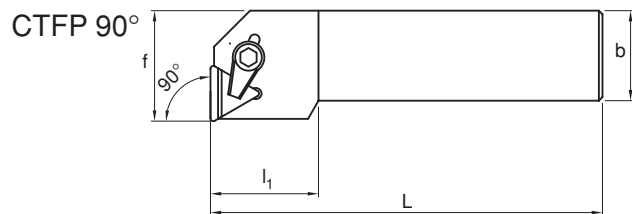
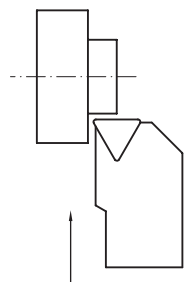
CTRP 75°



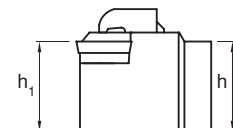
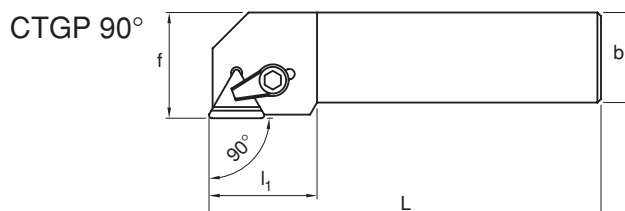
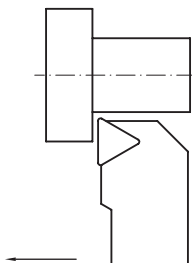
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |    |     |                |    |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |                             | h  | b  | L   | l <sub>1</sub> | f  | Insert<br>Kesici Uç                                                                 | Shim<br>Altılık                                                                     | Clamp<br>Baskı<br>Papucu                                                             | Screw<br>Baskı<br>Vidası                                                              | Shim Pim<br>Altılık Pimi                                                              | Sawdust Cutting<br>Talaş Kırıcı                                                       |
|                               | R             | L                           |    |    |     |                |    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTRPR/L 12 12 F11             | ○             | ○                           | 12 | 12 | 80  | 15             | 12 | TP...1103..                                                                         | —                                                                                   | 7830001                                                                              | 7830002                                                                               | —                                                                                     | —                                                                                     |
| CTRPR/L 16 16 H11             | ○             | ○                           | 16 | 16 | 100 | 16             | 16 |                                                                                     | —                                                                                   |                                                                                      |                                                                                       | —                                                                                     | —                                                                                     |
| CTRPR/L 20 20 K16             | ○             | ○                           | 20 | 20 | 125 | 26             | 20 | TP...1603..                                                                         | 7480316                                                                             | TBP 16                                                                               | TBP 16 BV                                                                             | 7480901                                                                               | TP 16 TK                                                                              |
| CTRPR/L 25 25 M16             | ○             | ○                           | 25 | 25 | 150 | 26             | 25 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTRPR/L 32 25 P16             | ○             | ○                           | 32 | 25 | 170 | 32             | 25 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTRPR/L 25 25 M22             | ○             | ○                           | 25 | 25 | 150 | 26             | 25 | TP...2204..                                                                         | 175.11.624                                                                          | TBP 12                                                                               | TBP 12 BV                                                                             | M4 AV                                                                                 | TP 22 TK                                                                              |
| CTRPR/L 32 32 P22             | ○             | ○                           | 32 | 32 | 170 | 32             | 32 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

## C Type - Top Clamp / External Turning Toolholder

### C Tip - Pabuçlu Sistem Dış Torna Kateri



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                               | Shim<br>Altlık                                                                    | Clamp<br>Baskı<br>Papucu                                                           | Screw<br>Baskı<br>Vidası                                                            | Shim Pim<br>Altlık Pimi                                                             | Sawdust Cutting<br>Talaş Kırıcı                                                     |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTFPR/L 12 12 F11             | ○             | ○ | 12                          | 12 | 80  | 15             | 16 | TP...1103..                                                                       | —                                                                                 | 7830001                                                                            | 7830002                                                                             | —                                                                                   | —                                                                                   |
| CTFPR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 16             | 20 |                                                                                   | —                                                                                 |                                                                                    |                                                                                     | —                                                                                   | —                                                                                   |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTFPR/L 20 20 K16             | ○             | ○ | 20                          | 20 | 125 | 26             | 25 | TP...1603..                                                                       | 7480316                                                                           | TBP 16                                                                             | TBP 16 BV                                                                           | 7480901                                                                             | TP 16 TK                                                                            |
| CTFPR/L 25 25 M16             | ○             | ○ | 25                          | 25 | 150 | 26             | 32 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTFPR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32             | 32 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTFPR/L 32 32 P16             | ○             | ○ | 32                          | 32 | 170 | 32             | 40 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTFPR/L 25 25 M22             | ○             | ○ | 25                          | 25 | 150 | 26             | 32 | TP...2204..                                                                       | 175.11.624                                                                        | TBP 12                                                                             | TBP 12 BV                                                                           | M4 AV                                                                               | TP 22 TK                                                                            |
| CTFPR/L 32 32 P22             | ○             | ○ | 32                          | 32 | 170 | 32             | 40 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



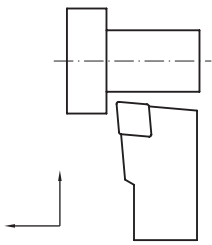
|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Shim<br>Altlık                                                                      | Clamp<br>Baskı<br>Papucu                                                             | Screw<br>Baskı<br>Vidası                                                              | Shim Pim<br>Altlık Pimi                                                               | Sawdust Cutting<br>Talaş Kırıcı                                                       |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTGPR/L 12 12 F11             | ○             | ○ | 12                          | 12 | 80  | 15             | 16 | TP...1103..                                                                         | —                                                                                   | 7830001                                                                              | 7830002                                                                               | —                                                                                     | —                                                                                     |
| CTGPR/L 16 16 H11             | ○             | ○ | 16                          | 16 | 100 | 16             | 20 |                                                                                     | —                                                                                   |                                                                                      |                                                                                       | —                                                                                     | —                                                                                     |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTGPR/L 20 20 K16             | ○             | ○ | 20                          | 20 | 125 | 26             | 25 | TP...1603..                                                                         | 7480316                                                                             | TBP 16                                                                               | TBP 16 BV                                                                             | 7480901                                                                               | TP 16 TK                                                                              |
| CTGPR/L 25 25 M16             | ○             | ○ | 25                          | 25 | 150 | 26             | 32 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTGPR/L 32 25 P16             | ○             | ○ | 32                          | 25 | 170 | 32             | 32 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTGPR/L 32 32 P16             | ○             | ○ | 32                          | 25 | 170 | 32             | 40 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                               |               |   |                             |    |     |                |    |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTGPR/L 25 25 M22             | ○             | ○ | 25                          | 25 | 150 | 26             | 32 | TP...2204..                                                                         | 175.11.624                                                                          | TBP 12                                                                               | TBP 12 BV                                                                             | M4 AV                                                                                 | TP 22 TK                                                                              |
| CTGPR/L 32 32 P22             | ○             | ○ | 32                          | 32 | 170 | 32             | 40 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

● Stokta Mevcut / In stock

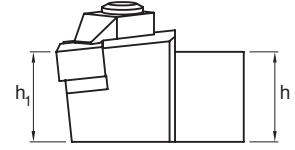
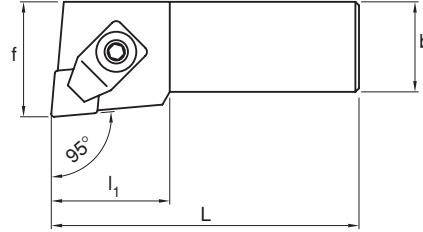
● Siparişten sonra 2 hafta / 2 weeks upon the date of order

○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

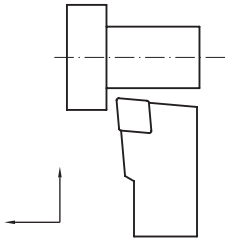
## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri



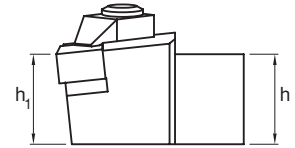
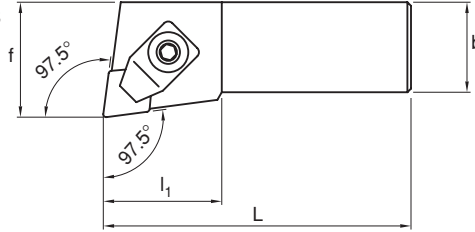
CCLNR/L.....12S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |                |    |    |                |  |  |  |  |  |  |  |
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| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |    |                |    |    |                | Insert<br>Kesici Uç                                                               | Thin Shim<br>İnce Altık                                                           | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın Altık                                                          | Shim Screw<br>Altık Vidası                                                          | Clamp<br>Baskı Papucu                                                               | Screw<br>Baskı Vidası                                                               |
|                               |               | R                           | L  | h <sub>1</sub> | b  | L  | l <sub>1</sub> |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CCLNR/L 20 20 K12S            | ○ ○           | 20                          | 20 | 125            | 30 | 25 |                | CNG....1208...                                                                    | SRD 12 ALT                                                                        | CNG....1204...                                                                    | SRD 12 AL2                                                                         | M4 x 12 AV                                                                          | 70.91.11.134.0                                                                      | 70.91.11.BV                                                                         |
| CCLNR/L 25 25 M12S            | ● ○           | 25                          | 25 | 150            | 30 | 32 |                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CCLNR/L 32 25 P12S            | ○ ○           | 32                          | 25 | 170            | 30 | 32 |                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



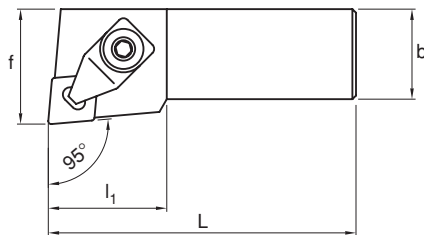
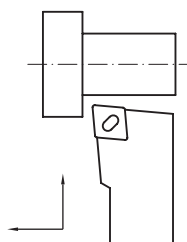
CELNR/L.....13S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |                |    |    |                |  |  |  |  |  |  |  |
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| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |    |                |    |    |                | Insert<br>Kesici Uç                                                                 | Thin Shim<br>İnce Altık                                                             | Insert<br>Kesici Uç                                                                 | Thick Shim<br>Kalın Altık                                                            | Shim Screw<br>Altık Vidası                                                            | Clamp<br>Baskı Papucu                                                                 | Screw<br>Baskı Vidası                                                                 |
|                               |               | R                           | L  | h <sub>1</sub> | b  | L  | l <sub>1</sub> |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CELNR/L 20 20 K13S            | ○ ○           | 20                          | 20 | 125            | 32 | 25 |                | ENG....1208...                                                                      | SE 12 ALT                                                                           | ENG....1208..                                                                       | SE 12 AL2                                                                            | M4 x 12 AV                                                                            | 70.91.11.134.0                                                                        | 70.91.11.BV                                                                           |
| CELNR/L 25 25 M13S            | ○ ○           | 25                          | 25 | 150            | 32 | 32 |                |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CELNR/L 32 25 P13S            | ○ ○           | 32                          | 25 | 170            | 32 | 32 |                |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

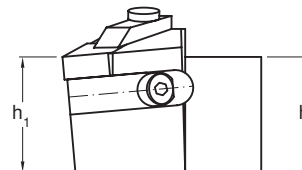
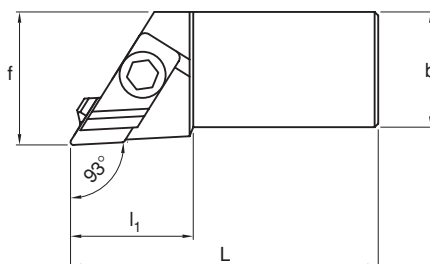
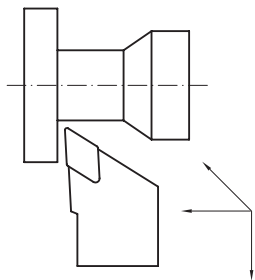
## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri

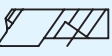
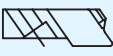
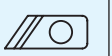
CCLNR/L.....12SX



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |                |    |    |                |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----------------|----|----|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |    |                |    |    |                | Insert<br>Kesici Uç                                                               | Thin Shim<br>İnce Altık                                                           | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın Altık                                                          | Shim Screw<br>Altık Vidası                                                          | Clamp<br>Baskı Papucu                                                               | Screw<br>Baskı Vidası                                                               |
|                               |               | R                           | L  | h <sub>1</sub> | b  | L  | I <sub>1</sub> |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CCLNR/L 20 20 K12SX           | ○ ○           | 20                          | 20 | 125            | 30 | 25 |                | CNGX .1208...                                                                     | SRD 12 ALT                                                                        | CNGX.1204..                                                                       | SRD 12 AL2                                                                         | M4 x 12 AV                                                                          | 70.91.11.316.0                                                                      | MTJN22 M6BV                                                                         |
| CCLNR/L 25 25 M12SX           | ○ ○           | 25                          | 25 | 150            | 33 | 32 |                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CCLNR/L 32 25 P12SX           | ○ ○           | 32                          | 25 | 170            | 33 | 32 |                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

CDJNR/L.....15S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |                |    |    |                |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----------------|----|----|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |    |                |    |    |                | Insert<br>Kesici Uç                                                                 | Rigth Shim<br>Sağ Altık                                                             | Left Shim<br>Sol Altık                                                              | Shim Screw<br>Altık Vidası                                                            | Right Clamp<br>Sağ Baskı Papucu                                                       | Left Clamp<br>Sol Baskı Papucu                                                        | Screw<br>Baskı Vidası                                                                 |
|                               |               | R                           | L  | h <sub>1</sub> | b  | L  | I <sub>1</sub> |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| CDJNR/L 20 20 K15S            | ○ ○           | 20                          | 20 | 125            | 32 | 25 |                | DNG....1506...                                                                      | 70.91.53.681 OR                                                                     | 70.91.53.681 OL                                                                     | M5 x 12                                                                               | 03 BP YTKR                                                                            | 03 BP YTKL                                                                            | 7480210                                                                               |
| CDJNR/L 25 25 M15S            | ● ○           | 25                          | 25 | 150            | 32 | 32 |                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| CDJNR/L 32 25 P15S            | ○ ○           | 32                          | 25 | 170            | 32 | 32 |                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

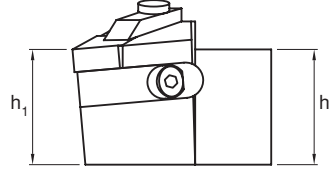
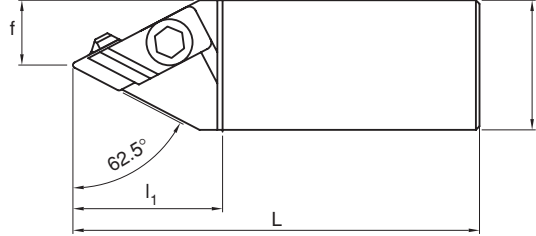
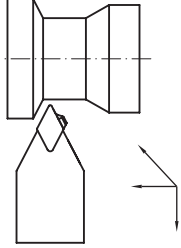
● Stokta Mevcut / In stock

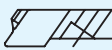
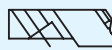
⌚ Siparişten sonra 2 hafta / 2 weeks upon the date of order

○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

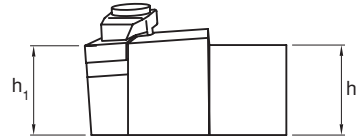
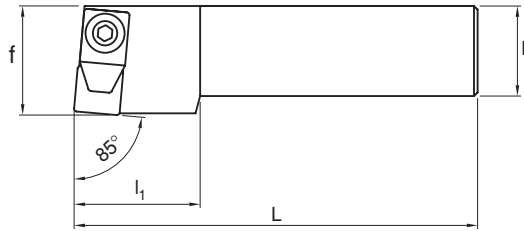
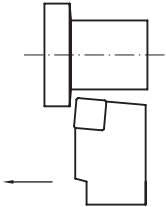
## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri

CDNNR/L.....15S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |                |     |    |                |                     |  |  |  |  |  |  |  |
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| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |                |     |    |                | Insert<br>Kesici Uç | Rigth Shim<br>Sağ Altlık                                                          | Left Shim<br>Sol Altlık                                                           | Shim Screw<br>Altlık<br>Vidası                                                    | Right Clamp<br>Sağ Baskı<br>Papucu                                                  | Left Clamp<br>Sol Baskı<br>Papucu                                                   | Screw<br>Baskı<br>Vidası                                                            |                                                                                     |
|                               | R             | L                           | h <sub>1</sub> | b   | L  | l <sub>1</sub> |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | f                                                                                   |
| CDNNR/L 25 25 M15S            | ○ ○           | 25                          | 25             | 150 | 32 | 12.5           | DNG....1506...      | 70.91.53.681 OR                                                                   | 70.91.53.681 OL                                                                   | M5 x 12                                                                           | 03 BP YTKR                                                                          | 03 BP YTKL                                                                          | 7480210                                                                             |                                                                                     |
| CDNNR/L 32 25 P15S            | ○ ○           | 32                          | 25             | 170 | 32 | 12.5           |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| CDNNR/L 40 25 P15S            | ○ ○           | 40                          | 25             | 170 | 32 | 12.5           |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

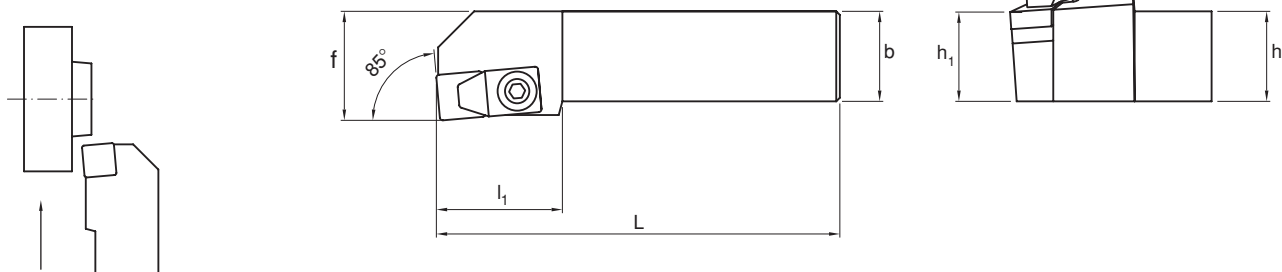
CS - NR/L.....12S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |                |     |    |                |                     |  |  |  |  |  |  |  |
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| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |                |     |    |                | Insert<br>Kesici Uç | Thin Shim<br>İnce Altık                                                             | Insert<br>Kesici Uç                                                                 | Thick Shim<br>Kalın<br>Altık                                                        | Shim Screw<br>Altık Vidası                                                           | Clamp<br>Baskı<br>Papucu                                                              | Screw<br>Baskı<br>Vidası                                                              |                                                                                       |
|                               | R             | L                           | h <sub>1</sub> | b   | L  | I <sub>1</sub> |                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       | f                                                                                     |
| CS - NR/L 20 20 K12S          | ○ ○           | 20                          | 20             | 125 | 30 | 25             | SNG...1208...       | SR 12 ALT                                                                           | SNG...1204..                                                                        | SR 12 AL2                                                                           | M4 x 12 AV                                                                           | 70.91.11.094.0                                                                        | 70.91.11 BV                                                                           |                                                                                       |
| CS - NR/L 25 25 M12S          | ○ ○           | 25                          | 25             | 150 | 33 | 32             |                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CS - NR/L 32 25 P12S          | ○ ○           | 32                          | 25             | 170 | 33 | 32             |                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

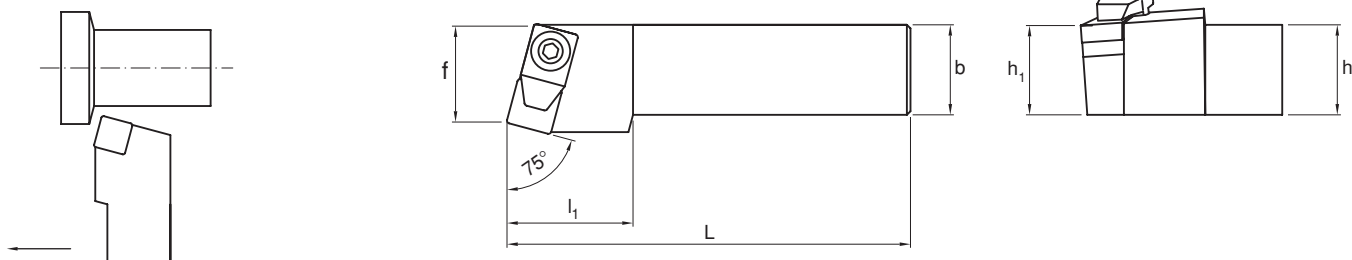
## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri

CSYNR/L.....12S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |                |    |    |                |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----------------|----|----|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |    |                |    |    |                | Insert<br>Kesici Uç                                                               | Thin Shim<br>İnce Altık                                                           | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın Altık                                                          | Shim Screw<br>Altık Vidası                                                          | Clamp<br>Baskı Papucu                                                               | Screw<br>Baskı Vidası                                                               |
|                               |               | R                           | L  | h <sub>1</sub> | b  | L  | l <sub>1</sub> |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CSYNR/L 20 20 K12S            | ○ ○           | 20                          | 20 | 125            | 30 | 25 | 25             | SNG...1208...                                                                     | SR 12 ALT                                                                         | SNG...1204..                                                                      | SR 12 AL2                                                                          | M4 x 12 AV                                                                          | 70.91.11.094.0                                                                      | 70.91.11 BV                                                                         |
| CSYNR/L 25 25 M12S            | ○ ○           | 25                          | 25 | 150            | 33 | 32 | 32             |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CSYNR/L 32 25 P12S            | ○ ○           | 32                          | 25 | 170            | 33 | 32 | 32             |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

CSRNR/L.....12S



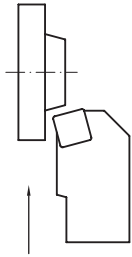
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |                |    |    |                |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|----------------|----|----|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |    |                |    |    |                | Insert<br>Kesici Uç                                                                 | Thin Shim<br>İnce Altık                                                             | Insert<br>Kesici Uç                                                                 | Thick Shim<br>Kalın Altık                                                            | Shim Screw<br>Altık Vidası                                                            | Clamp<br>Baskı Papucu                                                                 | Screw<br>Baskı Vidası                                                                 |
|                               |               | R                           | L  | h <sub>1</sub> | b  | L  | l <sub>1</sub> |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CSRNR/L 20 20 K12S            | ○ ○           | 20                          | 20 | 125            | 30 | 25 | 25             | SNG...1208...                                                                       | SR 12 ALT                                                                           | SNG...1204..                                                                        | SR 12 AL2                                                                            | M4 x 12 AV                                                                            | 70.91.11.094.0                                                                        | 70.91.11 BV                                                                           |
| CSRNR/L 25 25 M12S            | ○ ○           | 25                          | 25 | 150            | 33 | 32 | 32             |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CSRNR/L 32 25 P12S            | ○ ○           | 32                          | 25 | 170            | 33 | 32 | 32             |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

● Stokta Mevcut / In stock

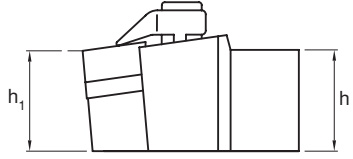
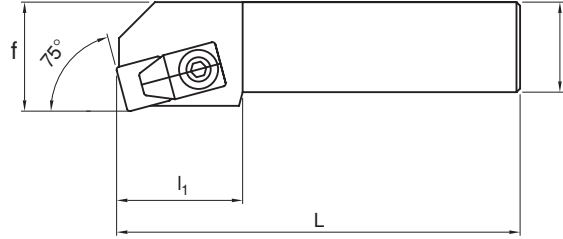
● Siparişten sonra 2 hafta / 2 weeks upon the date of order

○ Siparişten sonra 4 hafta / 4 weeks upon the date of order

## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri

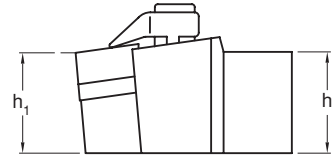
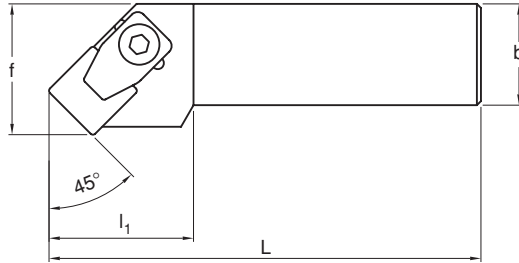
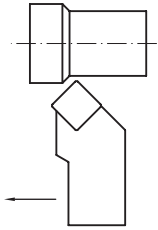


CSKNR/L.....12S



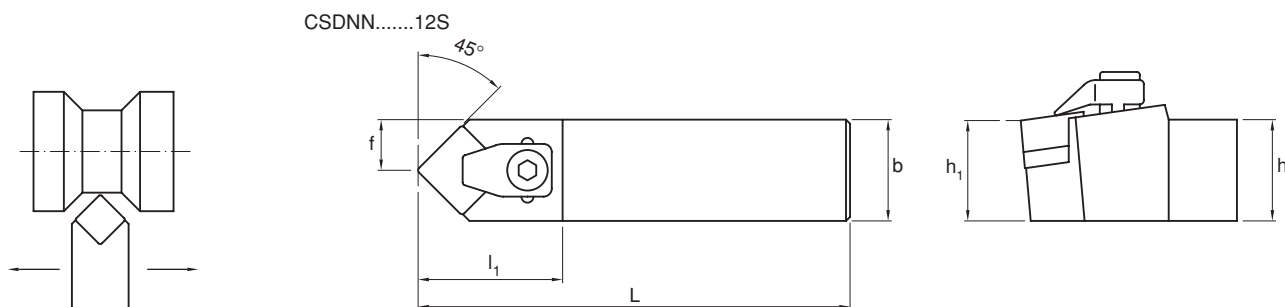
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |                |    |     |                |                     |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----------------|----|-----|----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |                |    |     |                | Insert<br>Kesici Uç | Thin Shim<br>İnce Altlık                                                          | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın<br>Altlık                                                     | Shim Screw<br>Altlık Vidası                                                        | Clamp<br>Baskı<br>Papucu                                                            | Screw<br>Baskı<br>Vidası                                                            |                                                                                     |
|                               | R             | L                           | h <sub>1</sub> | b  | L   | I <sub>1</sub> |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | f                                                                                   |
| CSKNR/L 20 20 K12S            | ○             | ○                           | 20             | 20 | 125 | 30             | 25                  | SNG...1208...                                                                     | SR 12 ALT                                                                         | SNG...1204..                                                                      | SR 12 AL2                                                                          | M4 x 12 AV                                                                          | 70.91.11.094.0                                                                      | 70.91.11 BV                                                                         |
| CSKNR/L 25 25 M12S            | ○             | ○                           | 25             | 25 | 150 | 33             | 32                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CSKNR/L 32 25 P12S            | ○             | ○                           | 32             | 25 | 170 | 33             | 32                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

CSSNR/L.....12S



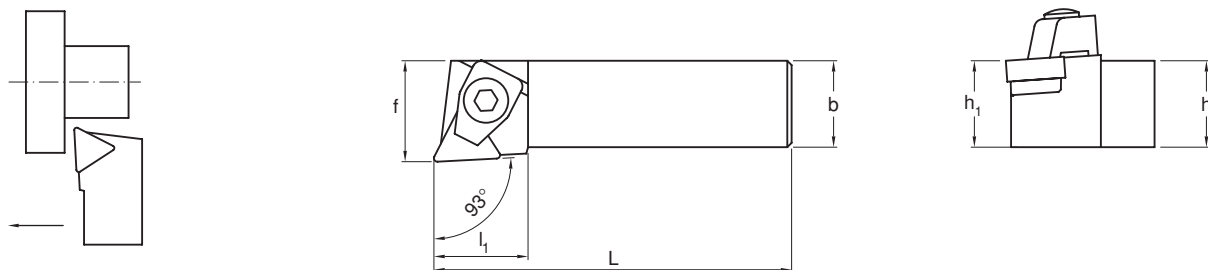
|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |                |    |     |                |                     |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----------------|----|-----|----------------|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h                           |                |    |     |                | Insert<br>Kesici Uç | Thin Shim<br>İnce Altlık                                                            | Insert<br>Kesici Uç                                                                 | Thick Shim<br>Kalın<br>Altlık                                                       | Shim Screw<br>Altlık Vidası                                                          | Clamp<br>Baskı<br>Papucu                                                              | Screw<br>Baskı<br>Vidası                                                              |                                                                                       |
|                               | R             | L                           | h <sub>1</sub> | b  | L   | I <sub>1</sub> |                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       | f                                                                                     |
| CSSNR/L 20 20 K12S            | ○             | ○                           | 20             | 20 | 125 | 30             | 25                  | SNG...1208...                                                                       | SR 12 ALT                                                                           | SNG...1204..                                                                        | SR 12 AL2                                                                            | M4 x 12 AV                                                                            | 70.91.11.094.0                                                                        | 70.91.11 BV                                                                           |
| CSSNR/L 25 25 M12S            | ●             | ○                           | 25             | 25 | 150 | 33             | 32                  |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CSSNR/L 32 25 P12S            | ○             | ○                           | 32             | 25 | 170 | 33             | 32                  |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |                     |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | I <sub>1</sub> | f    | Insert<br>Kesici Uç | Thin Shim<br>İnce Altlık                                                          | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın<br>Altlık                                                     | Shim Screw<br>Altlık Vidası                                                        | Clamp<br>Baskı<br>Papucu                                                            | Screw<br>Baskı<br>Vidası                                                            |                                                                                     |
| CSDNN 20 20 K12S              | ○             | 20                          | 20 | 125 | 30             | 10   | SNG...1208...       | SR 12 ALT                                                                         | SNG...1204..                                                                      | SR 12 AL2                                                                         | M4 x 12 AV                                                                         | 70.91.11.134.0                                                                      | 70.91.11 BV                                                                         |                                                                                     |
| CSDNN 25 25 M12S              | ○             | 25                          | 25 | 150 | 33             | 12.5 |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CSDNN 32 25 P12S              | ○             | 32                          | 25 | 170 | 33             | 12.5 |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

CTJNR/L.....16S



|                                      |                      |   | <i>DIMENSION</i><br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |  |  |
|--------------------------------------|----------------------|---|------------------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <i>Ordering No.</i><br>Takım Kod No. | <i>Stock</i><br>Stok |   | h                                  |    |     |                |    | <i>Insert</i><br>Kesici Uç                                                          | <i>Thin Shim</i><br>İnce Altlık                                                     | <i>Insert</i><br>Kesici Uç                                                          | <i>Thick Shim</i><br>Kalın Altlık                                                    | <i>Shim Screw</i><br>Altlık Vidası                                                    | <i>Clamp</i><br>Baskı Papucu                                                          | <i>Screw</i><br>Baskı Vidası                                                          |
|                                      | R                    | L | h <sub>1</sub>                     | b  | L   | I <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTJNR/L 20 20 K16S                   | ○                    | ○ | 20                                 | 20 | 125 | 30             | 25 | TNG...1608...                                                                       | SR 16 ALT                                                                           | TNG...1604..                                                                        | SR 16 AL2                                                                            | M4 x 12 AV                                                                            | 70.91.11.094.0                                                                        | 70.91.11 BV                                                                           |
| CTJNR/L 25 25 M16S                   | ○                    | ○ | 25                                 | 25 | 150 | 33             | 32 |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| CTJNR/L 32 25 P16S                   | ○                    | ○ | 32                                 | 25 | 170 | 33             | 32 |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

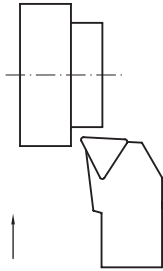
● Stokta Mevcut / In stock

● Siparişten sonra 2 hafta / 2 weeks upon the date of order

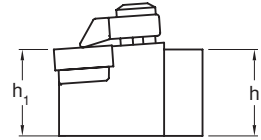
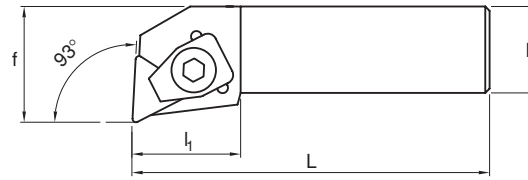
○ Siparişten sonra 4 hafta / 4 weeks upon the date of order



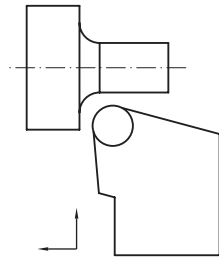
## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri



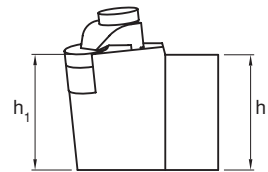
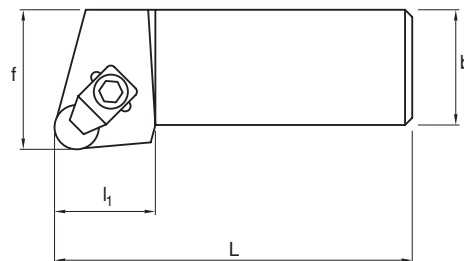
CTUNR/L.....16S



|                               |       |   | <div> <div></div> <div>DIMENSION<br/>KATER ÖLÇÜLERİ</div> </div> |    |     |                |    |  |  |  |  |  |  |  |
|-------------------------------|-------|---|------------------------------------------------------------------|----|-----|----------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock |   | h                                                                |    |     |                |    | Insert<br>Kesici Uç                                                               | Thin Shim<br>İnce Altlık                                                          | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın Altlık                                                         | Shim Screw<br>Altlık Vidası                                                         | Clamp<br>Baskı Papucu                                                               | Screw<br>Baskı Vidası                                                               |
|                               | R     | L | h <sub>1</sub>                                                   | b  | L   | I <sub>1</sub> | f  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTUNR/L 20 20 K16S            | ○     | ○ | 20                                                               | 20 | 125 | 30             | 25 | TNG...1608...                                                                     | SR 16 ALT                                                                         | TNG...1604..                                                                      | SR 16 AL2                                                                          | M4 x 12 AV                                                                          | 70.91.11.094.0                                                                      | 70.91.11 BV                                                                         |
| CTUNR/L 25 25 M16S            | ○     | ○ | 25                                                               | 25 | 150 | 33             | 32 |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CTUNR/L 32 25 P16S            | ○     | ○ | 32                                                               | 25 | 170 | 33             | 32 |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |



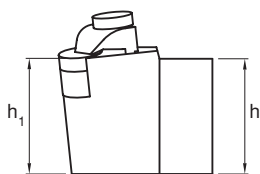
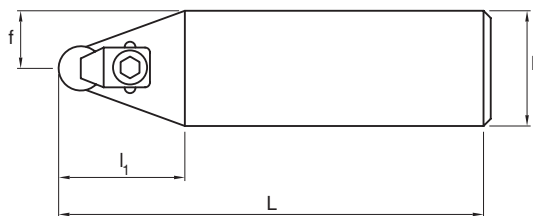
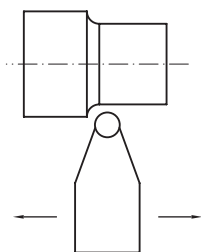
CRSNR/L.....12S



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |    |  |  |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takim Kod No. | Stock<br>Stok |   | h                           |    |     |                |    | Insert<br>Kesici Uç                                                                 | Thin Shim<br>İnce Altlık                                                            | Insert<br>Kesici Uç                                                                 | Thick Shim<br>Kalın<br>Altlık                                                         | Shim Screw<br>Altlık Vidası                                                           | Clamp<br>Baskı<br>Papucu                                                              | Screw<br>Baskı<br>Vidası                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| CRSNR/L 20 20 K12S            | ○             | ○ | 20                          | 20 | 125 | 30             | 25 | RNG...1208...                                                                       | SRN 12 ALT                                                                          | RNG...1204..                                                                        | SRN 12 AL2                                                                            | M4 x 12 AV                                                                            | 70.91.11.094.0                                                                        | 70.91.11 BV                                                                           |
| CRSNR/L 25 25 M12S            | ○             | ○ | 25                          | 25 | 150 | 33             | 32 |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| CRSNR/L 32 25 P12S            | ○             | ○ | 32                          | 25 | 170 | 33             | 32 |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

## Ceramic Insert External Turning Toolholder Seramik Uçlu Dış Torna Kateri

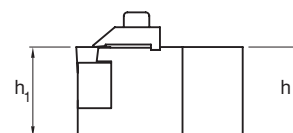
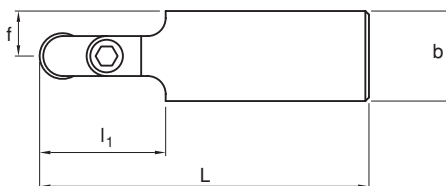
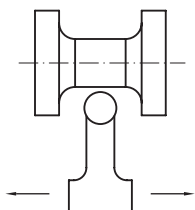
CRDNN.....12S



|                               |               | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |                     |  |  |  |  |  |  |  |
|-------------------------------|---------------|-----------------------------|----|-----|----------------|------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok | h<br>h <sub>1</sub>         | b  | L   | l <sub>1</sub> | f    | Insert<br>Kesici Uç | Thin Shim<br>İnce Altlık                                                          | Insert<br>Kesici Uç                                                               | Thick Shim<br>Kalın<br>Altlık                                                     | Shim Screw<br>Altlık Vidası                                                        | Clamp<br>Baskı<br>Papucu                                                            | Screw<br>Baskı<br>Vidası                                                            |                                                                                     |
| CRDNN 20 20 K12S              | ○             | 20                          | 20 | 125 | 30             | 10   | RNG...1208...       | SRN 12 ALT                                                                        | RNG...1204..                                                                      | SRN 12 AL2                                                                        | M4 x 12 AV                                                                         | 70.91.11.094.0                                                                      | 70.91.11 BV                                                                         |                                                                                     |
| CRDNN 25 25 M12S              | ○             | 25                          | 25 | 150 | 33             | 12.5 |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| CRDNN 32 25 P12S              | ○             | 32                          | 25 | 170 | 33             | 12.5 |                     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

## Ceramic Insert External Turning Toolholder (Positive) Seramik Uçlu Dış Torna Kateri (Pozitif)

CRDCN.....12S



|                               |               |   | DIMENSION<br>KATER ÖLÇÜLERİ |    |     |                |      |  |  |  |  |  |
|-------------------------------|---------------|---|-----------------------------|----|-----|----------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering No.<br>Takım Kod No. | Stock<br>Stok |   | h                           |    |     |                |      | Insert<br>Kesici Uç                                                                 | Thin Shim<br>İnce Altık                                                             | Shim Screw<br>Altık Vidası                                                            | Clamp<br>Baskı<br>Papucu                                                              | Screw<br>Baskı<br>Vidası                                                              |
|                               | R             | L | h <sub>1</sub>              | b  | L   | l <sub>1</sub> | f    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| CRDCN 20 20 K12S              | ○             | ○ | 20                          | 20 | 125 | 30             | 10   | RCG...1208...                                                                       | 414007                                                                              | M5 x 15 AV                                                                            | 308136                                                                                | M6 x 20                                                                               |
| CRDCN 25 25 M12S              | ○             | ○ | 25                          | 25 | 150 | 33             | 12.5 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| CRDCN 32 25 P12S              | ○             | ○ | 32                          | 25 | 170 | 33             | 12.5 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |

● Stokta Mevcut / In stock

⦿ Siparişten sonra 2 hafta / 2 weeks upon the date of order

○ Siparişten sonra 4 hafta / 4 weeks upon the date of order