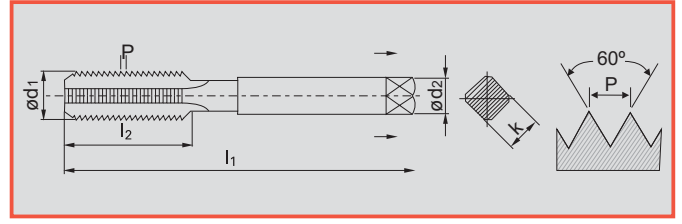




## Uygun Kullanım Yerleri

- HSS** Yüksek hız çeliği  
**INOX** Paslanmaz ve aside dayanıklı çelik için

| M     | Metrik Takım Kılavuzları ÖLÇÜ |     |    |       |       |                                                                                   | HSS-E   |
|-------|-------------------------------|-----|----|-------|-------|-----------------------------------------------------------------------------------|---------|
| ød1   | P                             | l1  | l2 | ød2   | k     |  |         |
| M 3   | 0,50                          | 40  | 11 | 3,50  | 2,70  | 2,5                                                                               | DIN-352 |
| M 3,5 | 0,60                          | 45  | 13 | 4,00  | 3,00  | 2,9                                                                               |         |
| M 4   | 0,70                          | 45  | 13 | 4,50  | 3,40  | 3,3                                                                               |         |
| M 4,5 | 0,75                          | 50  | 16 | 6,00  | 4,90  | 3,8                                                                               |         |
| M 5   | 0,80                          | 50  | 16 | 6,00  | 4,90  | 4,2                                                                               |         |
| M 6   | 1,00                          | 56  | 19 | 6,00  | 4,90  | 5,0                                                                               |         |
| M 7   | 1,00                          | 56  | 19 | 6,00  | 4,90  | 6,0                                                                               |         |
| M 8   | 1,25                          | 63  | 22 | 6,00  | 4,90  | 6,8                                                                               |         |
| M 9   | 1,25                          | 63  | 22 | 7,00  | 5,50  | 7,8                                                                               |         |
| M 10  | 1,50                          | 70  | 24 | 7,00  | 5,50  | 8,5                                                                               |         |
| M 11  | 1,50                          | 70  | 24 | 8,00  | 6,20  | 9,5                                                                               |         |
| M 12  | 1,75                          | 75  | 28 | 9,00  | 7,00  | 10,2                                                                              |         |
| M 14  | 2,00                          | 80  | 30 | 11,00 | 9,00  | 12,0                                                                              |         |
| M 16  | 2,00                          | 80  | 32 | 12,00 | 9,00  | 14,0                                                                              |         |
| M 18  | 2,50                          | 95  | 34 | 14,00 | 11,00 | 15,5                                                                              |         |
| M 20  | 2,50                          | 95  | 34 | 16,00 | 12,00 | 17,5                                                                              |         |
| M 22  | 2,50                          | 100 | 34 | 18,00 | 14,50 | 19,5                                                                              |         |
| M 24  | 3,00                          | 110 | 38 | 18,00 | 14,50 | 21,0                                                                              |         |
| M 27  | 3,00                          | 110 | 38 | 20,00 | 16,00 | 24,0                                                                              |         |
| M 30  | 3,50                          | 125 | 45 | 22,00 | 18,00 | 26,5                                                                              |         |
| M 33  | 3,50                          | 125 | 50 | 25,00 | 20,00 | 29,5                                                                              |         |
| M 36  | 4,00                          | 150 | 56 | 28,00 | 22,00 | 32,0                                                                              |         |
| M 39  | 4,00                          | 150 | 60 | 32,00 | 24,00 | 35,0                                                                              |         |
| M 42  | 4,50                          | 150 | 60 | 32,00 | 24,00 | 37,5                                                                              |         |
| M 45  | 4,50                          | 160 | 65 | 36,00 | 29,00 | 40,5                                                                              |         |
| M 48  | 5,00                          | 180 | 70 | 36,00 | 29,00 | 43,0                                                                              |         |
| M 52  | 5,00                          | 180 | 70 | 40,00 | 32,00 | 47,0                                                                              |         |

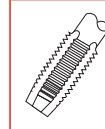


## Kaplama Çeşitleri

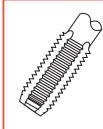
**Tin**

**Tialn**

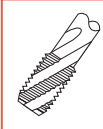
## İş Parçasına Göre Kesme Profilleri



**Form C**



**Form B**



**Form R35**

### Form C

Açık delik klavuz profili

### Form B

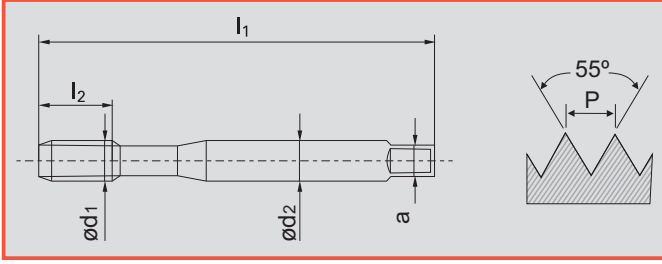
Açık delik makina klavuz profili

### Form R35

Kapalı delik makina klavuz profili

| MF        | Metrik İnce Diş Takım Kılavuzları ÖLÇÜ |     |    |     |      |                                                                                     | HSS-E    |
|-----------|----------------------------------------|-----|----|-----|------|-------------------------------------------------------------------------------------|----------|
| ød1       | P                                      | l1  | l2 | ød2 | k    |  |          |
| M 6x0,75  | 0,75                                   | 50  | 14 | 6   | 4,9  | 5,2                                                                                 | DIN-2181 |
| M 8x0,75  | 0,75                                   | 50  | 19 | 6   | 4,9  | 7,2                                                                                 |          |
| M 8x1,00  | 1,00                                   | 56  | 20 | 6   | 4,9  | 7                                                                                   |          |
| M 10x1,00 | 1,00                                   | 63  | 20 | 7   | 5,5  | 9                                                                                   |          |
| M 10x1,25 | 1,25                                   | 70  | 22 | 7   | 5,5  | 8,8                                                                                 |          |
| M 12x1,00 | 1,00                                   | 70  | 22 | 9   | 7    | 11                                                                                  |          |
| M 12x1,25 | 1,25                                   | 70  | 22 | 9   | 7    | 10,8                                                                                |          |
| M 12x1,50 | 1,50                                   | 70  | 22 | 9   | 7    | 10,5                                                                                |          |
| M 14x1,00 | 1,00                                   | 70  | 22 | 11  | 9    | 13                                                                                  |          |
| M 14x1,25 | 1,25                                   | 70  | 22 | 11  | 9    | 12,8                                                                                |          |
| M 14x1,50 | 1,50                                   | 70  | 22 | 11  | 9    | 12,5                                                                                |          |
| M 16x1,00 | 1,00                                   | 80  | 22 | 12  | 9    | 15                                                                                  |          |
| M 16x1,50 | 1,50                                   | 80  | 22 | 12  | 9    | 14,5                                                                                |          |
| M 18x1,50 | 1,50                                   | 80  | 22 | 14  | 11   | 16,5                                                                                |          |
| M 18x2,00 | 2,00                                   | 80  | 22 | 14  | 11   | 16,5                                                                                |          |
| M 20x1,00 | 1,00                                   | 80  | 22 | 16  | 12   | 18,5                                                                                |          |
| M 20x1,50 | 1,50                                   | 80  | 22 | 16  | 12   | 18,5                                                                                |          |
| M 20x2,00 | 2,00                                   | 80  | 22 | 16  | 12   | 18                                                                                  |          |
| M 22x1,50 | 1,50                                   | 80  | 22 | 18  | 14,5 | 20,5                                                                                |          |
| M 22x2,00 | 2,00                                   | 80  | 22 | 18  | 14,5 | 20,5                                                                                |          |
| M 24x1,50 | 1,50                                   | 90  | 22 | 18  | 14,5 | 22,5                                                                                |          |
| M 24x2,00 | 2,00                                   | 90  | 22 | 22  | 14,5 | 22,5                                                                                |          |
| M 26x1,50 | 1,50                                   | 90  | 22 | 18  | 14,5 | 21                                                                                  |          |
| M 27x1,50 | 1,50                                   | 90  | 22 | 20  | 16   | 24                                                                                  |          |
| M 27x2,00 | 2,00                                   | 90  | 22 | 20  | 16   | 24                                                                                  |          |
| M 30x1,50 | 1,50                                   | 90  | 22 | 22  | 18   | 28,5                                                                                |          |
| M 30x2,00 | 2,00                                   | 90  | 22 | 22  | 18   | 28                                                                                  |          |
| M 30x3,00 | 3,00                                   | 90  | 22 | 22  | 18   | 28                                                                                  |          |
| M 32x1,50 | 1,50                                   | 90  | 22 | 22  | 18   | 30,5                                                                                |          |
| M 32x2,00 | 2,00                                   | 90  | 22 | 22  | 18   | 30,5                                                                                |          |
| M 33x1,50 | 1,50                                   | 100 | 25 | 25  | 20   | 31,5                                                                                |          |
| M 33x2,00 | 2,00                                   | 100 | 25 | 25  | 20   | 31                                                                                  |          |
| M 34x1,50 | 1,50                                   | 100 | 25 | 28  | 22   | 33                                                                                  |          |
| M 36x1,50 | 1,50                                   | 100 | 25 | 28  | 22   | 34,5                                                                                |          |
| M 36x2,00 | 2,00                                   | 25  | 33 | 28  | 22   | 34                                                                                  |          |
| M 36x3,00 | 3,00                                   | 25  | 33 | 28  | 22   | 33                                                                                  |          |





## Kaplama Çeşitleri

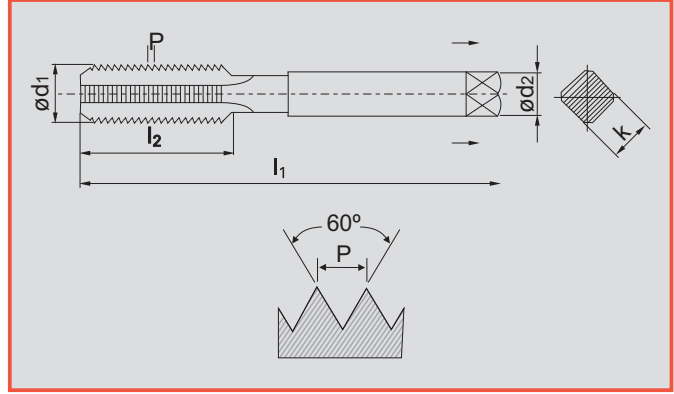
Tin

Tialn

## Uygun Kullanım Yerleri

**HSS** Yüksek hız çeliği

| G          | G-Boru Diş Takım Kılavuzları |      |       |     |    |      |      |       | HSS-E        |
|------------|------------------------------|------|-------|-----|----|------|------|-------|--------------|
|            | ød1                          | 1"/P | P     | l1  | l2 | ød2  | a    |       |              |
| G - 1/16"  | 7,723                        | 28   | 0,907 | 52  | 14 | 5,6  | 4,5  | 6,7   | ISO-2484/HSS |
| G - 1/8"   | 9,728                        | 28   | 0,907 | 59  | 15 | 8    | 6,3  | 8,8   |              |
| G - 1/4"   | 13,157                       | 19   | 1,337 | 67  | 19 | 10   | 8    | 11,8  |              |
| G - 3/8"   | 16,662                       | 19   | 1,337 | 75  | 21 | 12,5 | 10   | 15,25 |              |
| G - 1/2"   | 20,955                       | 14   | 1,814 | 87  | 26 | 16   | 12,5 | 19,0  |              |
| G - 5/8"   | 22,91                        | 14   | 1,814 | 91  | 26 | 18   | 14   | 21,0  |              |
| G - 3/4"   | 26,441                       | 14   | 1,814 | 96  | 28 | 20   | 16   | 24,5  |              |
| G - 7/8"   | 30,201                       | 14   | 1,814 | 102 | 29 | 22,4 | 18   | 28,25 |              |
| G - 1"     | 33,249                       | 11   | 2,309 | 109 | 33 | 25   | 20   | 30,75 |              |
| G - 1,1/8" | 37,897                       | 11   | 2,309 | 116 | 35 | 28   | 22,4 | 35,5  |              |
| G - 1,1/4" | 41,910                       | 11   | 2,309 | 119 | 36 | 31,5 | 25   | 39,5  |              |
| G - 1,3/8" | 44,323                       | 11   | 2,309 | 123 | 36 | 31,5 | 25   | 42,0  |              |
| G - 1,1/2" | 47,803                       | 11   | 2,309 | 125 | 37 | 35,5 | 28   | 45,0  |              |
| G - 1,3/4" | 53,746                       | 11   | 2,309 | 132 | 39 | 35,5 | 28   | 51,0  |              |
| G - 2"     | 59,614                       | 11   | 2,309 | 140 | 41 | 40   | 31,5 | 57,0  |              |



## İş Parçasına Göre Kesme Profilleri



Form C



Form B



Form R35

### Form C

Açık delik klavuz profili

### Form B

Açık delik makina klavuz profili

### Form R35

Kapalı delik makina klavuz profili

| UNC      | UNC Kalın Diş Takım Kılavuzları |    |     |      |                                                                                     | HSS-E   |
|----------|---------------------------------|----|-----|------|-------------------------------------------------------------------------------------|---------|
| ød1 x P  | l1                              | l2 | ød2 | k    |  |         |
| No 6x32  | 45                              | 13 | 4   | 3    | 2,7                                                                                 | DIN-351 |
| No 8x32  | 45                              | 13 | 4,5 | 3,4  | 3,5                                                                                 |         |
| No 10x24 | 50                              | 16 | 6   | 4,9  | 3,8                                                                                 |         |
| No 12x24 | 50                              | 17 | 6   | 4,9  | 4,5                                                                                 |         |
| 1/4"x20  | 50                              | 19 | 6   | 4,9  | 5,1                                                                                 |         |
| 5/16"x18 | 56                              | 22 | 6   | 4,9  | 6,5                                                                                 |         |
| 3/8"x16  | 70                              | 24 | 7   | 5,5  | 7,9                                                                                 |         |
| 7/16"x14 | 70                              | 24 | 8   | 6,2  | 9,3                                                                                 |         |
| 1/2"x13  | 75                              | 29 | 9   | 7    | 10,7                                                                                |         |
| 9/16"x12 | 80                              | 30 | 11  | 9    | 12,3                                                                                |         |
| 5/8"x11  | 80                              | 32 | 12  | 9    | 13,5                                                                                |         |
| 3/4"x10  | 95                              | 40 | 14  | 11   | 16,5                                                                                |         |
| 7/8"x9   | 100                             | 40 | 18  | 14,5 | 19,5                                                                                |         |
| 1"x8     | 110                             | 50 | 20  | 16   | 22,25                                                                               |         |
| UNF      | UNF İnce Diş Takım Kılavuzları  |    |     |      |                                                                                     |         |
| No 5x44  | 40                              | 11 | 3,5 | 2,7  | 2,7                                                                                 |         |
| No 6x40  | 45                              | 13 | 4   | 3    | 3                                                                                   |         |
| No 8x36  | 45                              | 13 | 4,5 | 3,4  | 3,5                                                                                 |         |
| No 10x32 | 50                              | 16 | 6   | 4,9  | 4,1                                                                                 |         |
| No 12,28 | 50                              | 17 | 6   | 4,9  | 4,65                                                                                |         |
| 1/4x28   | 50                              | 16 | 6   | 4,9  | 5,5                                                                                 |         |
| 5/16x24  | 56                              | 22 | 6   | 4,9  | 6,9                                                                                 |         |
| 3/8x24   | 63                              | 20 | 7   | 5,5  | 8,5                                                                                 |         |
| 7/16x20  | 63                              | 20 | 8   | 6,2  | 9,9                                                                                 |         |
| 1/2x20   | 70                              | 22 | 9   | 7    | 11,5                                                                                |         |
| 9/16x18  | 70                              | 22 | 11  | 9    | 13                                                                                  |         |
| 5/8x18   | 70                              | 22 | 12  | 9    | 14,5                                                                                |         |
| 3/4x16   | 80                              | 22 | 14  | 11   | 17,5                                                                                |         |
| 7/8x14   | 80                              | 22 | 18  | 14,5 | 20,5                                                                                |         |
| 1x12     | 90                              | 22 | 18  | 14,5 | 23,3                                                                                |         |