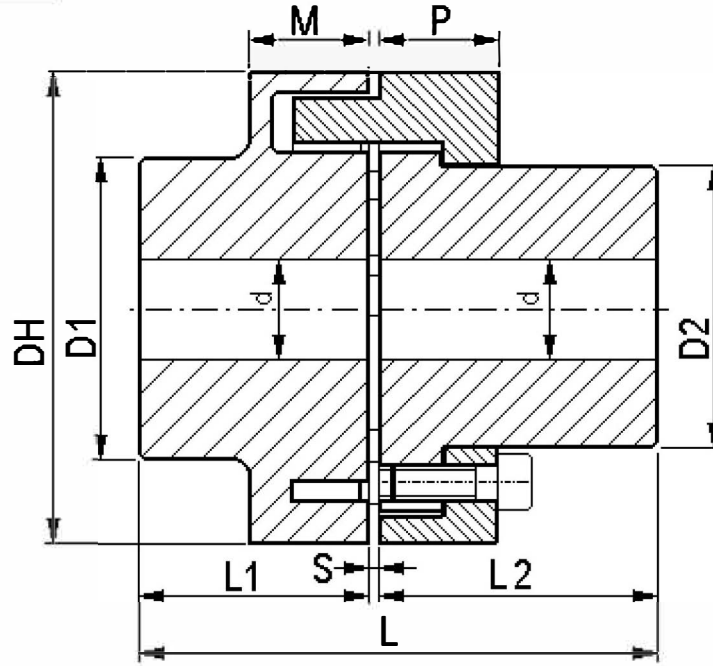


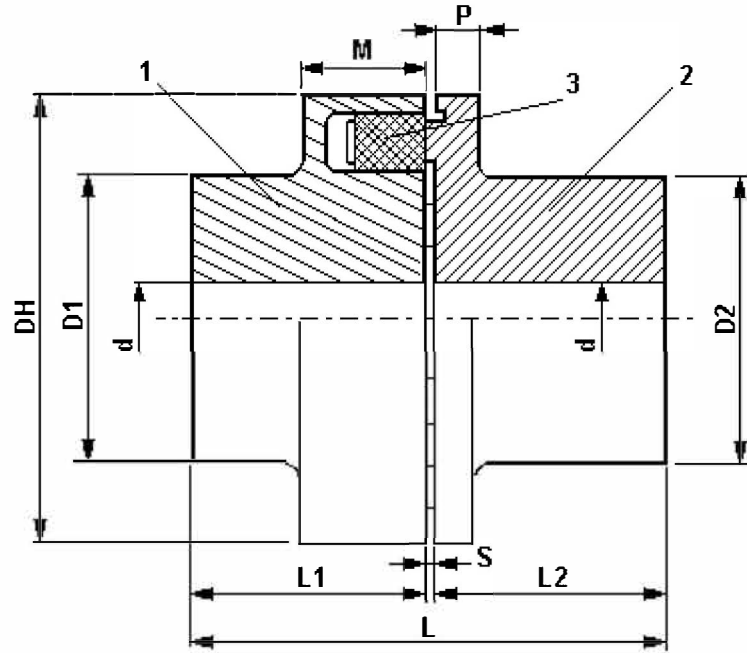
### A Tipi Kaplin Ölçüleri:



| TİP   | Nominal Moment<br>TKN<br>(Nm) | Ortalama Ağırlık<br>kg. | ÖLÇÜLER ( mm ) |     |     |     |     |     |     |     |    |      |     |                 |              |
|-------|-------------------------------|-------------------------|----------------|-----|-----|-----|-----|-----|-----|-----|----|------|-----|-----------------|--------------|
|       |                               |                         | d              |     | DH  | D1  | D2  | L1  | L2  | M   | P  | S    | L   | Cıvata Ölçüleri | Cıvata Adedi |
|       |                               |                         | min            | max |     |     |     |     |     |     |    |      |     |                 |              |
| A 110 | 110                           | 4,9                     | 18             | 38  | 110 | 70  | 65  | 54  | 66  | 28  | 28 | 2-4  | 122 | M8X30           | 6            |
| A 125 | 195                           | 6,9                     | 20             | 45  | 125 | 80  | 75  | 58  | 76  | 30  | 31 | 2-4  | 136 | M8X30           | 6            |
| A 140 | 305                           | 9,7                     | 22             | 50  | 140 | 95  | 85  | 62  | 82  | 34  | 34 | 2-4  | 146 | M8X35           | 6            |
| A 160 | 490                           | 13,0                    | 22             | 58  | 160 | 108 | 95  | 68  | 84  | 39  | 36 | 2-6  | 154 | M8X35           | 7            |
| A 180 | 730                           | 18,9                    | 22             | 65  | 180 | 125 | 110 | 74  | 94  | 42  | 42 | 2-6  | 170 | M8X40           | 8            |
| A 200 | 1075                          | 25,1                    | 22             | 75  | 200 | 134 | 125 | 84  | 102 | 47  | 43 | 2-6  | 188 | M10X40          | 8            |
| A 225 | 1515                          | 34,8                    | 22             | 85  | 225 | 143 | 135 | 92  | 105 | 52  | 45 | 2-6  | 199 | M10X45          | 8            |
| A 250 | 2145                          | 45,6                    | 22             | 95  | 250 | 165 | 145 | 102 | 118 | 60  | 46 | 3-8  | 223 | M12X50          | 8            |
| A 280 | 3035                          | 60,8                    | 50             | 100 | 280 | 185 | 165 | 122 | 120 | 65  | 46 | 3-8  | 245 | M14X45          | 8            |
| A 315 | 3850                          | 78,3                    | 50             | 105 | 315 | 200 | 165 | 132 | 126 | 73  | 47 | 3-8  | 261 | M16X45          | 9            |
| A 350 | 5400                          | 108,0                   | 60             | 110 | 350 | 230 | 180 | 140 | 140 | 75  | 55 | 4-8  | 284 | M16X50          | 9            |
| A 400 | 7210                          | 153,0                   | 70             | 120 | 400 | 250 | 205 | 164 | 145 | 88  | 59 | 4-8  | 313 | M16X55          | 9            |
| A 450 | 9450                          | 241,0                   | 80             | 125 | 450 | 280 | 225 | 190 | 192 | 100 | 90 | 5-10 | 387 | M16X80          | 9            |
| A 520 | 14840                         | 362,0                   | 90             | 150 | 520 | 315 | 265 | 215 | 210 | 110 | 95 | 5-10 | 430 | M16X90          | 12           |

**Tablo 2**

**B Tipi Kaplin Ölçüleri:**

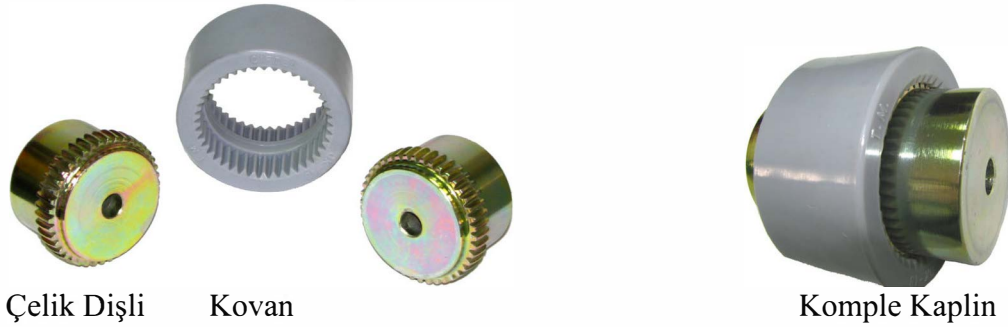


| TİP          | Nominal Moment TKN (Nm) | Ortalama Ağırlık kg. | ÖLÇÜLER ( mm) |     |     |     |     |     |     |    |    |     |     |
|--------------|-------------------------|----------------------|---------------|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
|              |                         |                      | d             |     | DH  | D 1 | D2  | L1  | L2  | M  | P  | S   | L   |
|              |                         |                      | Min           | Max |     |     |     |     |     |    |    |     |     |
| <b>B 068</b> | 15                      | 1,100                | 14            | 24  | 68  | 45  | 45  | 37  | 38  | 22 | 8  | 2-4 | 77  |
| <b>B 080</b> | 35                      | 1,600                | 14            | 30  | 80  | 49  | 50  | 43  | 44  | 23 | 8  | 2-4 | 89  |
| <b>B 095</b> | 65                      | 2,600                | 18            | 42  | 95  | 59  | 60  | 50  | 50  | 26 | 9  | 2-4 | 102 |
| <b>B 110</b> | 110                     | 4,000                | 18            | 48  | 110 | 70  | 70  | 54  | 55  | 28 | 10 | 2-4 | 111 |
| <b>B 125</b> | 195                     | 5,500                | 20            | 55  | 125 | 80  | 83  | 58  | 58  | 30 | 11 | 2-4 | 118 |
| <b>B 140</b> | 305                     | 7,650                | 22            | 60  | 140 | 95  | 95  | 62  | 58  | 34 | 12 | 2-4 | 122 |
| <b>B 160</b> | 490                     | 11,000               | 22            | 65  | 160 | 108 | 108 | 68  | 64  | 39 | 13 | 2-6 | 134 |
| <b>B 180</b> | 730                     | 15,800               | 22            | 75  | 180 | 125 | 114 | 74  | 76  | 42 | 16 | 2-6 | 152 |
| <b>B 200</b> | 1075                    | 20,800               | 22            | 85  | 200 | 134 | 125 | 84  | 82  | 47 | 17 | 2-6 | 168 |
| <b>B 225</b> | 1515                    | 27,500               | 22            | 90  | 225 | 143 | 130 | 92  | 92  | 52 | 18 | 2-6 | 186 |
| <b>B 250</b> | 2145                    | 37,800               | 22            | 100 | 250 | 165 | 145 | 102 | 102 | 60 | 21 | 3-8 | 207 |
| <b>B 280</b> | 3035                    | 55,000               | 50            | 110 | 280 | 185 | 170 | 122 | 115 | 65 | 23 | 3-8 | 242 |
| <b>B 315</b> | 3850                    | 78,500               | 50            | 115 | 315 | 200 | 178 | 132 | 148 | 73 | 25 | 4-9 | 280 |

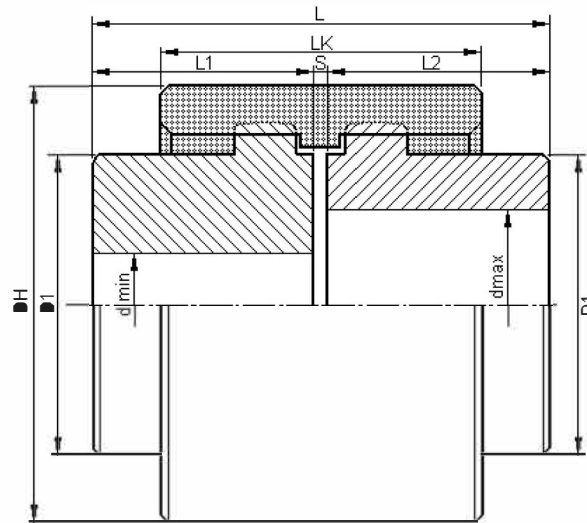
**Tablo 2**

### **Dişli Tip Kaplinler :**

İki adet aynı yapıda çelik dişli ve bir adet poliamid kovanadan oluşur. Hidrolik pompaların favori kaplinidir. Sık dişleri sayesinde büyük montaj kolaylığı sağlar. Vibrasyona uygun değildir, poliamid kovan sert yapıdadır ve vibrasyonu motora iletir. Radyal, açısal ve aksiyal kaymaların olduğu sistemlerde kullanılabilir. Yüksek devirde moment iletimine olanak tanır. Sistemde oluşabilecek bir arıza ve sıkışma durumunda elastik parça (Kovan) kırılarak sigorta görevi yapar, sistem durur. Kaplinin diğer parçalarına zarar gelmez. Sistemdeki arıza giderildikten sonra kovan değiştirilerek tekrar çalışabilir.

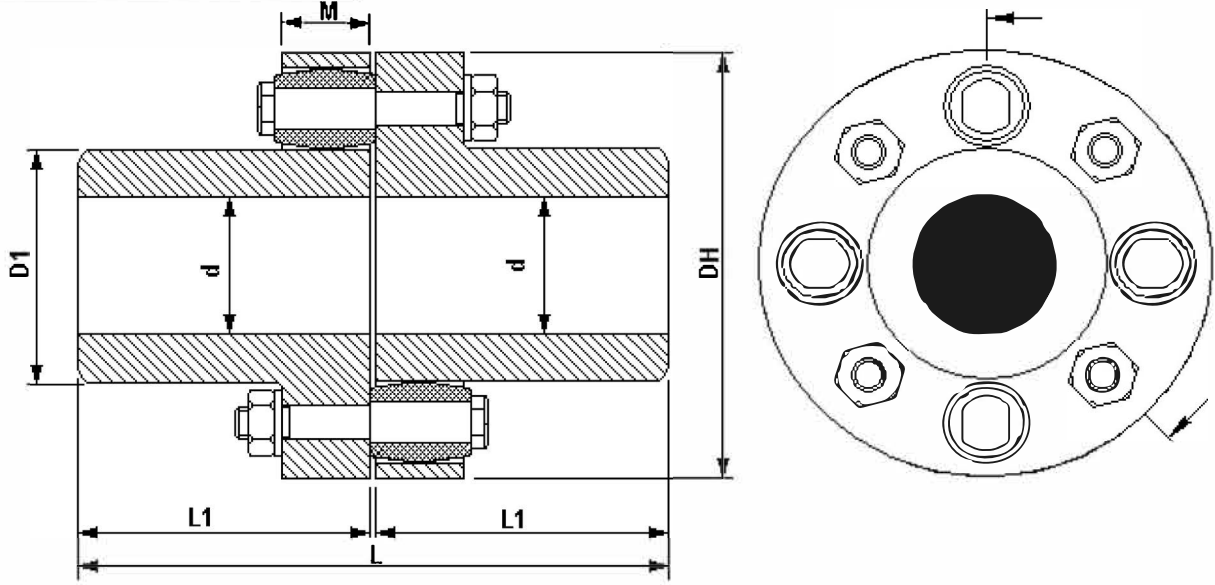


### **Dişli Tip Kaplin Ölçüleri:**



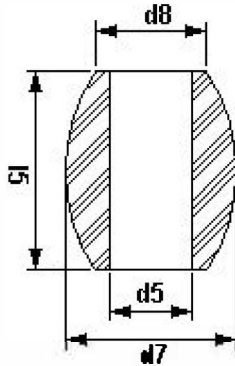
| TİP   | Nominal Moment<br>TKN<br>(Nm) | Ortalama Ağırlık | Ölçüler |       |     |    |    |    |   |     | Diş Adedi |
|-------|-------------------------------|------------------|---------|-------|-----|----|----|----|---|-----|-----------|
|       |                               |                  | d min   | d max | DH  | D1 | L1 | LK | S | L   |           |
| DK 14 | 8                             | 0,050            | 6       | 14    | 40  | 25 | 23 | 30 | 4 | 50  | 20        |
| DK 24 | 20                            | 0,450            | 11      | 24    | 54  | 36 | 26 | 37 | 4 | 56  | 27        |
| DK 28 | 33                            | 1,015            | 13      | 28    | 66  | 44 | 40 | 39 | 4 | 84  | 36        |
| DK 32 | 45                            | 1,325            | 13      | 32    | 76  | 50 | 40 | 48 | 4 | 84  | 38        |
| DK 38 | 60                            | 1,760            | 14      | 38    | 83  | 58 | 40 | 48 | 4 | 84  | 37        |
| DK 42 | 75                            | 2,030            | 14      | 42    | 88  | 60 | 42 | 50 | 4 | 88  | 39        |
| DK 48 | 100                           | 3,015            | 14      | 48    | 100 | 68 | 50 | 50 | 4 | 104 | 42        |
| DK 55 | 140                           | 5,525            | 18      | 55    | 122 | 83 | 60 | 64 | 4 | 124 | 48        |
| DK 60 | 183                           | 8,130            | 18      | 60    | 140 | 92 | 70 | 72 | 4 | 144 | 55        |

### Pernolu Tip Kaplin Ölçüleri:



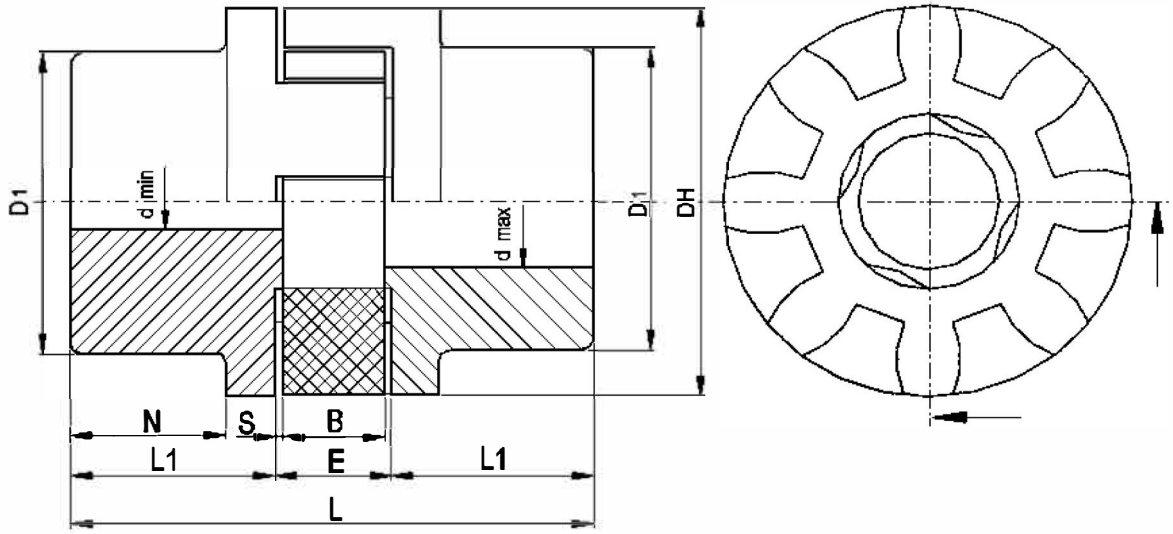
| TİP   | Nominal Moment<br>TKN<br>(Nm) | Ortalama<br>Ağırlık<br>kg. | ÖLÇÜLER ( mm) |     |     |     |     |     |    | Perno<br>ve<br>Lastik<br>Adedi |
|-------|-------------------------------|----------------------------|---------------|-----|-----|-----|-----|-----|----|--------------------------------|
|       |                               |                            | d             |     | DH  | D 1 | L1  | L   | M  |                                |
|       |                               |                            | min           | max |     |     |     |     |    |                                |
| P 094 | 125                           | 3,400                      | 11            | 33  | 94  | 50  | 60  | 122 | 18 | 6                              |
| P 125 | 230                           | 7,800                      | 14            | 40  | 125 | 68  | 80  | 162 | 24 | 8                              |
| P 172 | 800                           | 17,500                     | 19            | 55  | 172 | 94  | 100 | 202 | 30 | 8                              |
| P 198 | 1500                          | 26,500                     | 22            | 65  | 198 | 110 | 112 | 226 | 34 | 8                              |
| P 222 | 1850                          | 34,000                     | 24            | 70  | 222 | 122 | 125 | 252 | 38 | 10                             |
| P 252 | 2300                          | 37,500                     | 30            | 80  | 252 | 134 | 140 | 282 | 42 | 10                             |
| P 292 | 3600                          | 50,000                     | 39            | 90  | 292 | 158 | 155 | 313 | 48 | 10                             |
| P 320 | 4600                          | 105,000                    | 45            | 100 | 320 | 172 | 168 | 339 | 52 | 10                             |

### Lastik Ölçüleri :



|       | d5 | d7 | d8   | l5 |
|-------|----|----|------|----|
| P 094 | 9  | 18 | 14,5 | 20 |
| P 125 | 12 | 24 | 20   | 28 |
| P 172 | 17 | 34 | 28   | 36 |
| P 198 | 19 | 38 | 31   | 40 |
| P 222 | 22 | 44 | 34,5 | 46 |
| P 252 | 26 | 52 | 44   | 50 |
| P 292 | 30 | 60 | 51,5 | 58 |

### Yıldız Tip Kaplin Ölçüleri:



| TİP   | Nominal Moment<br>TKN<br>(Nm) | Ortalama<br>Ağırlık<br>kg. | ÖLÇÜLER ( mm) |     |     |      |      |      |      |     |      |     |
|-------|-------------------------------|----------------------------|---------------|-----|-----|------|------|------|------|-----|------|-----|
|       |                               |                            | d             |     | DH  | D 1  | L 1  | N    | B    | S   | E    | L   |
|       |                               |                            | min           | max |     |      |      |      |      |     |      |     |
| Y 37  | 5                             | 0,225                      | 6             | 19  | 37  | 37   | 14   | -    | 11   | 1,5 | 14   | 42  |
| Y 55  | 9                             | 0,835                      | 8             | 22  | 55  | 41,3 | 31,7 | 23,3 | 14,6 | 2,5 | 19,6 | 83  |
| Y 65  | 12                            | 1,100                      | 12            | 28  | 65  | 48   | 29,5 | 18   | 17   | 2   | 21   | 80  |
| Y 80  | 30                            | 2,500                      | 14            | 38  | 80  | 60   | 50   | 37   | 19   | 3   | 25   | 125 |
| Y 95  | 61                            | 3,100                      | 14            | 42  | 95  | 75   | 50   | 37   | 22   | 3   | 28   | 128 |
| Y 110 | 107                           | 5,900                      | 15            | 48  | 110 | 85   | 57   | 42   | 26   | 2   | 30   | 144 |
| Y 125 | 191                           | 9,000                      | 15            | 55  | 125 | 100  | 66   | 52   | 30   | 2   | 34   | 166 |
| Y 140 | 302                           | 10,400                     | 15            | 65  | 140 | 102  | 71   | 56   | 34   | 3   | 40   | 182 |
| Y 160 | 478                           | 17,000                     | 17            | 75  | 160 | 122  | 79   | 63   | 42   | 3   | 48   | 206 |
| Y 180 | 724                           | 21,100                     | 20            | 84  | 180 | 126  | 86   | 67   | 44   | 4   | 52   | 224 |
| Y 200 | 1072                          | 28,100                     | 20            | 90  | 200 | 136  | 100  | 77   | 44   | 5   | 54   | 254 |
| Y 225 | 1512                          | 38,100                     | 20            | 100 | 225 | 145  | 112  | 85   | 45   | 4   | 53   | 277 |
| Y 250 | 2143                          | 48,000                     | 20            | 110 | 250 | 160  | 117  | 89   | 46   | 3   | 52   | 286 |
| Y 300 | 3750                          | 85,250                     | 25            | 135 | 300 | 196  | 245  | 118  | 50   | 4   | 52   | 490 |