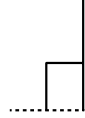
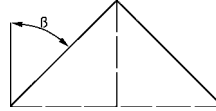


Güvenli Çalışma Tablosu ve Katsayısı EN 818-4
Factors and Working Load Limits EN 818-4

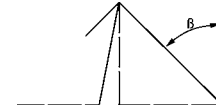
1
Single - Leg (Single - Leg)
Tragfähigkeit
WLL



2
Two - Leg (Two - Leg)
Tragfähigkeit
WLL
0°-45° 45°-60°

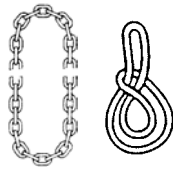


3
3 + 4 Leg (3 + 4 Leg)
Tragfähigkeit
WLL
0°-45° 45°-60°

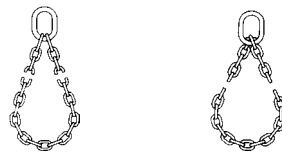


| Nominal Ölçü Nominal Size | t | | t | | t | |
|------------------------------|------|------|------|------|------|--|
| mm | | | | | | |
| 6 x 18 | 1,12 | 1,6 | 1,12 | 2,36 | 1,7 | |
| 7 x 21 | 1,5 | 2,12 | 1,5 | 3,15 | 2,24 | |
| 8 x 24 | 2 | 2,8 | 2 | 4,25 | 3 | |
| 10 x 30 | 3,15 | 4,25 | 3,15 | 6,7 | 4,75 | |
| 13 x 39 | 5,3 | 7,5 | 5,3 | 11,2 | 8 | |
| 16 x 48 | 8 | 11,2 | 8 | 17 | 11,8 | |
| 18 x 54 | 10 | 14 | 10 | 21,2 | 15 | |
| 20 x 60 | 12,5 | 17 | 12,5 | 26,5 | 19 | |
| 22 x 66 | 15 | 21,2 | 15 | 31,5 | 22,4 | |
| 26 x 78 | 21,2 | 30 | 21,2 | 45 | 31,5 | |
| 28 x 84 | 25 | 33,5 | 25 | 50 | 37,5 | |
| 32 x 96 | 31,5 | 45 | 31,5 | 67 | 47,5 | |
| 36 x 108 | 40 | 56 | 40 | 85 | 60 | |
| 40 x 120 | 50 | 71 | 50 | 106 | 75 | |
| 45 x 135 | 63 | 90 | 63 | 132 | 95 | |
| Faktor/Factor | | 1,4 | 1 | 2,1 | 1,5 | |

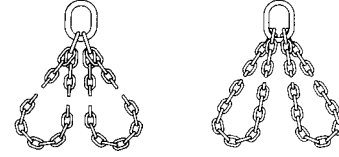
Tragfähigkeit
WLL



Tragfähigkeit
0°-45° WLL 45°-60°



Tragfähigkeit
0°-45° WLL 45°-60°



| Nominal Ölçü Nominal Size | t | t | t | t | t |
|------------------------------|------|------------|----------|------------|------------|
| mm | | | | | |
| 7 x 21 | 2,5 | 1,7 | 1,25 | 2,65 | 1,8 |
| 8 x 24 | 3,15 | 2,24 | 1,6 | 3,35 | 2,36 |
| 10 x 30 | 5 | 3,35 | 2,5 | 5,3 | 3,75 |
| 13 x 39 | 8,5 | 5,83 | 4,25 | 9 | 6,3 |
| 16 x 48 | 12,5 | 9 | 6,3 | 13,2 | 9,5 |
| 18 x 54 | 16 | 11,2 | 8 | 17 | 11,8 |
| 20 x 60 | 20 | 14 | 10 | 21,2 | 15 |
| 22 x 66 | 23,6 | 17 | 11,8 | 25 | 18 |
| 26 x 78 | 33,5 | 23,6 | 17 | 35,5 | 25 |
| 28 x 84 | 40 | 26,5 | 20 | 42,5 | 30 |
| 32 x 96 | 50 | 35,5 | 25 | 53 | 37,5 |
| 36 x 108 | 63 | 45 | 31,5 | 67 | 47,5 |
| 40 x 120 | 80 | 56 | 40 | 85 | 60 |
| 45 x 135 | 100 | 71 | 50 | 106 | 75 |
| Faktor/Factor | 1,6 | 1,1 (1,4)* | 0,8 (1)* | 1,7 (2,1)* | 1,2 (1,5)* |

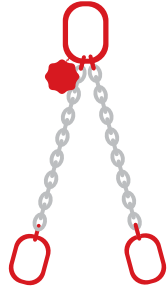
*In case of appropriate usage - not with choke hitch, no sharpe edges etc. - see WLL table above chain sling

Zincir Sapanlar Chain Slings

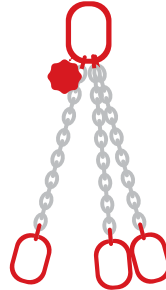
Zincir Sapanlar (Chain Sling with Terminal Link)



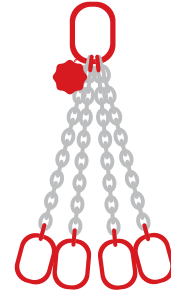
R-1



R-2



R-3

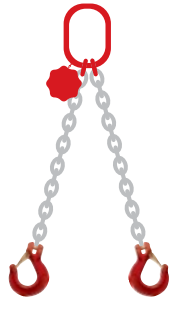


R-4

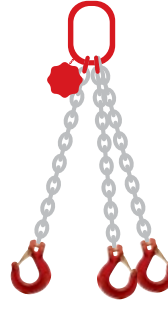
Kancalı Zincir Sapanlar (Chain Sling with Hook)



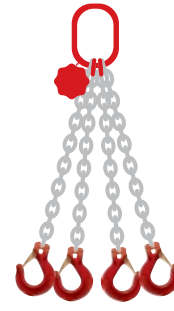
H-1



H-2



H-3

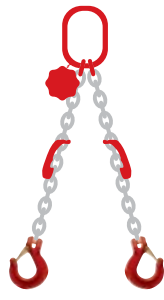


H-4

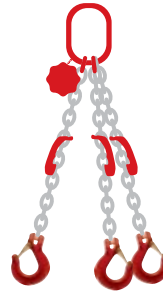
Kancalı Zincir Sapanlar (Chain Sling with Terminal Link)



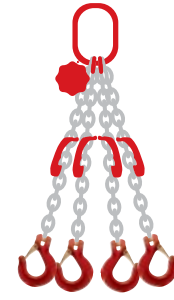
HV 1



HV 2

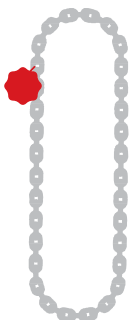


HV 3

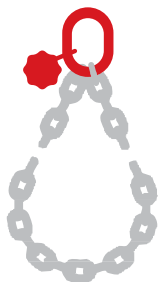


HV 4

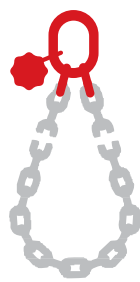
Sonsuz Sapan (Endless Chain Sling)



K 11



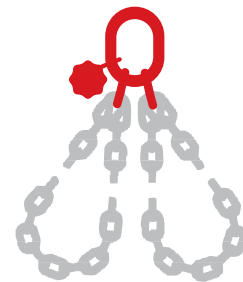
K 12



K 13



K 22



K 23

Zincir Sapanlar İçin Orta Dayanımlı Zincirler EN 818-2

Medium Tolerance Chain for Chain Slings EN 818-2

| Nominal Ölçü Nominal Size | Pitch Pitch | Inside Width w1 min. Inside Width | Outside Width w2 max. Outside Width | Working Load Limit (WLL) Working Load Limit | Manufac. Proof Force (MPF) Manufac. Proof Force | Breaking Proof Force (BF) Breaking Proof Force | Yük Weight = kg/m | Ident No. Ident No. |
|------------------------------|----------------|---|---|---|---|--|-------------------------|------------------------|
| mm | mm | mm | mm | t | kN | | | |
| TK 6 | 18 | 7,8 | 22,2 | 1,12 | 28,3 | 45,2 | 0,83 | 0310106003 |
| TK 7 | 21 | 9,1 | 25,9 | 1,5 | 38,5 | 61,6 | 1,11 | 0310107003 |
| TK 8 | 24 | 10,4 | 29,6 | 2 | 50,3 | 80,4 | 1,39 | 0310108003 |
| TK 10 | 30 | 13 | 37 | 3,15 | 78,5 | 126 | 2,34 | 0310110003 |
| TK 13 | 39 | 16,9 | 48,1 | 5,3 | 133 | 212 | 3,95 | 0310113003 |
| TK 16 | 48 | 20,8 | 59,2 | 8 | 201 | 322 | 6,02 | 0310116003 |
| TK 18 | 54 | 23,4 | 66,6 | 10 | 254 | 407 | 7,50 | 0310118003 |
| TK 20 | 60 | 26 | 74 | 12,5 | 314 | 503 | 9,10 | 0310120003 |
| TK 22 | 66 | 28,6 | 81,4 | 15 | 380 | 608 | 10,93 | 0310122003 |
| TK 26 | 78 | 33,8 | 96,2 | 21,2 | 531 | 849 | 15,10 | 0310126003 |
| TK 28 | 84 | 36,4 | 104 | 25 | 616 | 985 | 18,24 | 0310128003 |
| TK 32 | 96 | 41,6 | 118 | 31,5 | 804 | 1290 | 22,00 | 0310132003 |
| TK 36 | 108 | 46,8 | 133 | 40 | 1020 | 1630 | 28,10 | 0310136000 |
| TK 40 | 120 | 52 | 148 | 50 | 1260 | 2010 | 36,00 | 0310140000 |
| TK 45 | 135 | 58,5 | 167 | 63 | 1590 | 2540 | 45,50 | 0310145000 |



Kırılma noktası gerilimi, doğal siyah = Min. 25%
Elongation at fracture, natural black

Kırılma noktası gerilimi, değişken yüzey = Min. 20%
Elongation at fracture, variant surface

Relation of WLL : MPF : BF = 1 : 2,5 : 4
Relation of WLL : MPF : BF = 1 : 2,5 : 4

Bükülme = Min. 0,8 x d
Deflection

- Değişik zincir ısılarına göre izin verilen yük limitleri (EN 818-6 standartlarına göre):
- Allowed working loads (EN 818-6) for different chain temperature.
- 40° C bis + 200° C = 100%
- 200° C bis + 300° C = 90%
- 300° C bis +400° C = 7

