# Chain Slings

**Work Load Limits of Gr80 Chain Slings**
Made to EN818-4 specifications

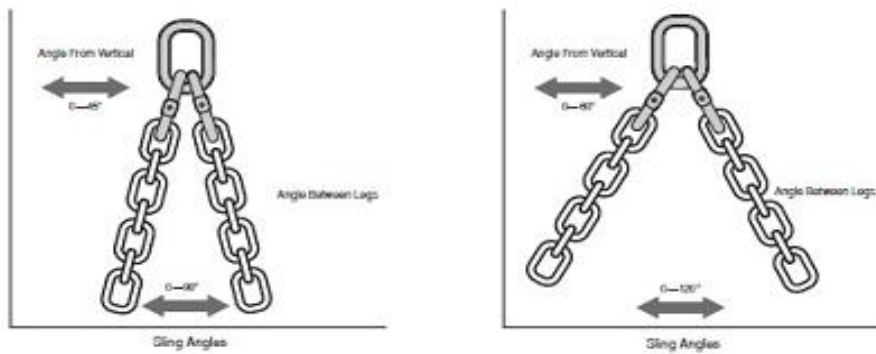| Chain Size | Rated at 0º | | Rated at 0-90º | | Rated at 90-120º | |
|---|---|---|---|---|---|---|
| | 1 Leg | Endless | 2 Leg | 3 / 4 Leg | 2 Leg | 3 / 4 Leg |
| [mm] | [t] | [t] | [t] | [t] | [t] | [t] |
| 7 | 1.50 | 2.50 | 2.12 | 3.15 | 1.50 | 2.24 |
| 8 | 2.00 | 3.15 | 2.80 | 4.25 | 2.00 | 3.00 |
| 10 | 3.15 | 5.00 | 4.25 | 6.70 | 3.10 | 4.80 |
| 13 | 5.30 | 8.50 | 7.50 | 11.20 | 5.30 | 8.00 |
| 16 | 8.00 | 12.50 | 11.20 | 17.00 | 8.00 | 11.80 |
| 19 | 11.20 | 18.00 | 16.00 | 23.60 | 11.2 | 17.00 |
| 20 | 12.50 | 20.00 | 17.00 | 26.50 | 12.5 | 19.00 |
| 22 | 15.00 | 23.60 | 21.20 | 31.50 | 15.0 | 22.4 |
| 26 | 21.20 | 33.50 | 30.00 | 45 | 21.2 | 31.5 |
| 32 | 31.50 | 50.00 | 45 | 67 | 31.5 | 47.50 |
| 36 | 40 | 63.00 | 56 | 85 | - | - |

**Factor of Safety 4:1**

The Work Load Limit above apply only to normal conditions of use in straight configuration and are based on the "uniform load" method of rating.
The capacity of the chain sling decreases when (a) The angle between the legs increases (b) The sling is in choke mode.
It is assumed that endless slings will only be used in the choke hitch mode, hence the de-rated capacities.
If single leg slings are used in the choke mode, the capacities listed must be reduced by 20%.
If using grab hooks as shortening clutches, those without cradles to support the chain links, the listed Work Load Limit must be reduced (usually by 20%)

**How to order chain slings**

| 1 | Chain Size [mm] | | |
|---|---|---|---|
| 2 | Number of legs | E = endless | |
| | | S = 1 Leg | |
| | | D = 2 Legs | |
| | | T = 3 Legs | |
| | | Q = 4 Legs | |
| 3 | Length of each leg [m] | | |
| 4 | End fittings | SSE = sling hook | Eye type |
| | | SLE = self locking hook | |
| | | GBE = grab hook | |
| | | FDE = foundry hook | |
| | | SSC = sling hook | Clevis type |
| | | SLC = self locking hook | |
| | | GBC = grab hook | |
| | | FDC = foundry hook | |
| | | ML = master link | |
| | | BSK = basket | |
| 5 | Adjustable | -G = grab hook eye type | |
| | | -SGE = shortening chain (4 links) and grab hook eye type | |
| | | -SGC = shortening chain (4 links) and grab hook clevis type | |
| | | -SC = shortening chain (4 links) and shortening clutch | |

| 10 S 2.0 SSE-G | 10 S 2.0 GBE | 10 S 2.0 GBC | 10 S 2.0 SSC | 10 S 2.0 FDE | 10 S 2.0 SSE | 10 S 2.0 SLE |

**All codes assume that you are using 10mm Gr80 chain of 2 m length**.

Double Chain Slings

| 10 D 2.0 GBC | 10 D 2.0 SSE | 10 D 2.0 FDE | 10 D 2.0 SLE | 10 D 2.0 SLE-SGE |

3 Leg Chain Slings     4 Leg Chain Slings     Basket Slings

| 10 T 2.0 SSE | 10 Q 2.0 SSE | 10 S 2.0 BSK | 10 D 2.0 BSK |

Single Adjustable Loop Chain Slings

Double Adjustable Loop Chain Slings

-G              -SGC              -SC              -SGE