

Breaking forces of the mesh ropes

Galvanised wire ropes			Stainless steel wire ropes, material 1.4401		
Rope-Ø	Construction	Minimum breaking force	Rope-Ø	Construction	Minimum breaking force
1,5 mm	7 x 7	1.2 kN	1.5 mm	7 x 7	1.7 kN
2.0 mm	7 x 7	2.7 kN	2.0 mm	7 x 7	2.5 kN
2.5 mm	7 x 7	4.8 kN	2.5 mm	7 x 7	3.9 kN
3.0 mm	7 x 7	6.1 kN	3.0 mm	7 x 7	5.6 kN
4.0 mm	7 x 7	10.9 kN	4.0 mm	7 x 7	10.7 kN
5.0 mm	7 x 19	14.7 kN	5.0 mm	7 x 19	13.7 kN
6.0 mm	7 x 19	25.1 kN	6.0 mm	7 x 19	23.0 kN
8.0 mm	7 x 19	44.7 kN	8.0 mm	7 x 19	36.0 kN

Sliding strength of the cross clamps

Rope-Ø	Aluminium clamps on galvanised ropes	Aluminium clamps on stainless steel cables	Stainless steel clamps on stainless steel cables, material 1.4305
1.5 mm	80 daN	80 daN	90 daN
2.0 mm	100 daN	170 daN	170 daN
2.5 mm	110 daN	170 daN	170 daN
3.0 mm	150 daN	300 daN	250 daN
4.0 mm	200 daN	430 daN	330 daN
5.0 mm	300 daN	500 daN	350 daN
6.0 mm	400 daN	750 daN	360 daN
8.0 mm	700 daN	800 daN	–

According to the operational structure of these DRALO nets, the displacement forces are of great importance.

Permanent use at high or low temperatures

Aluminium clamps on galvanised ropes	Aluminium clamps on stainless steel cables	Stainless steel clamps on stainless steel ropes
up to max. 150° C	up to max. 150° C	up to max. 200° C
up to max. -40° C	up to max. -40° C	up to max. -40° C

