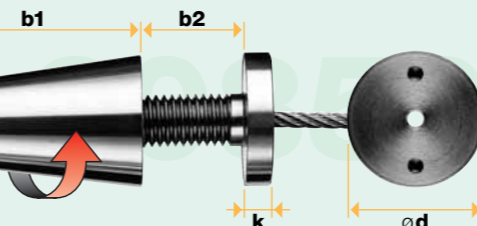
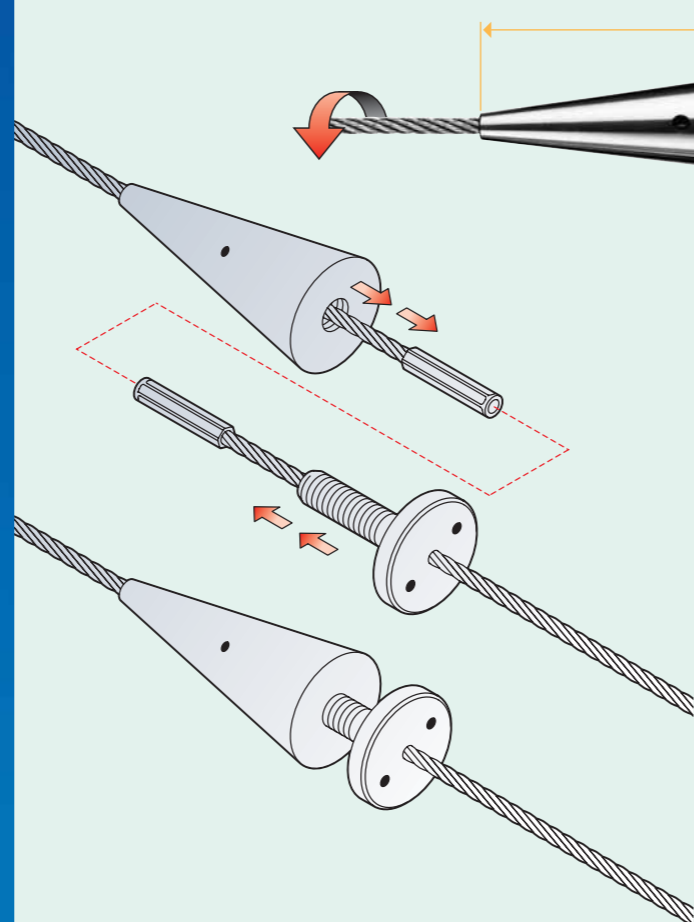
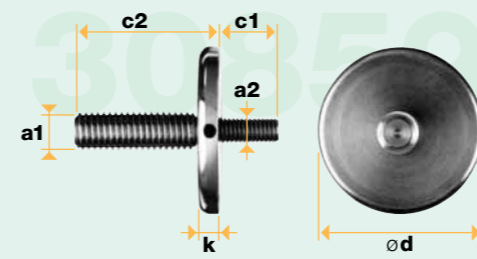
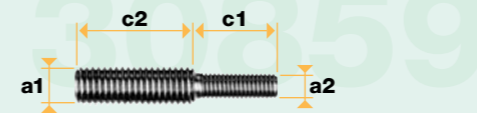


The threaded section (c) and the rope can be **freely turned**: no left- right-hand thread combination is needed for tensioning.



**The rope does not go all the way through the cone.** The cone and the rope can be **freely turned**; a left- right-hand-thread combination is not needed for tensioning.

- To assemble the No. 30859- rope cone with swaged washer, we need the following data:**
- Total length: **b1**
  - Measurements interval: **b2 / b3 / b4 ... etc.**
  - Shelf thickness **k1 / k2 ... etc.**
  - rope  $\varnothing$ :  **$\varnothing d$**
  - Type of end connector **A**
  - Type of end connector **B**

WIRE ROPE SWIVEL END CONES WITH INTERNAL THREAD, SWAGED

1.4404  
AISI 316

Breaking strength: 90% of min. rope breaking load

no.	ø mm	a	b	c	ø d
30859-0300-01	3,0	M12	90	35	30
0400-01	4,0	M12	90	35	30
0500-01	5,0	M12	125	35	42

HEADLESS SCREWS M8/M12

1.4404  
AISI 316

no.	a1	a2	c1	c2
30859-0002	M12	M8	24	30

HEADLESS SCREWS WITH SUPPORT WASHER

1.4404  
AISI 316

no.	a1	a2	c1	c2	ø d	k
30859-0001	M12	M8	18	36	50	6

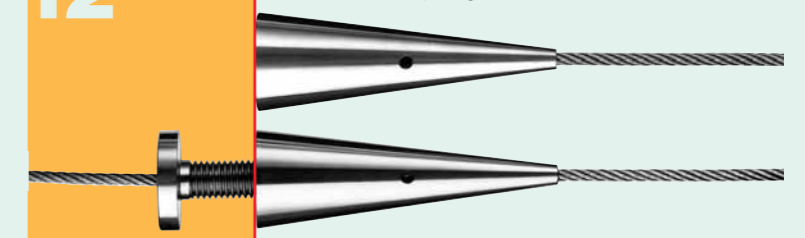
WIRE ROPE SWIVEL CONE WITH DISK, SWAGED

1.4305  
AISI 303

Breaking strength: 90% of min. rope breaking load

no.	ø mm	b1	b2 max.	ø d	k
30859-0300	3,0	90	15	30	6
0400	4,0	90	15	30	6
0500	5,0	125	22	42	8

Measure assembly lengths like this:

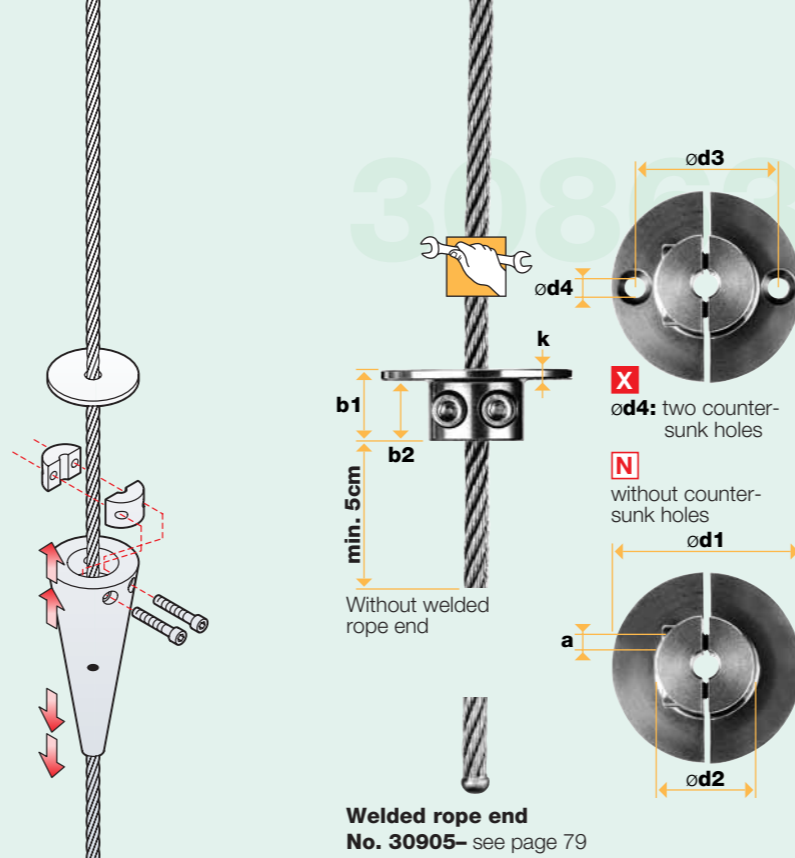




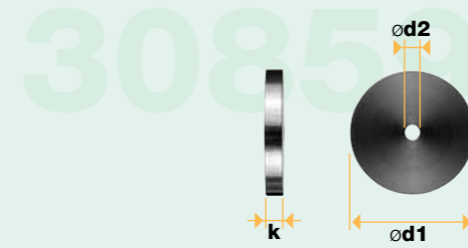
82.A

82.C

82.B

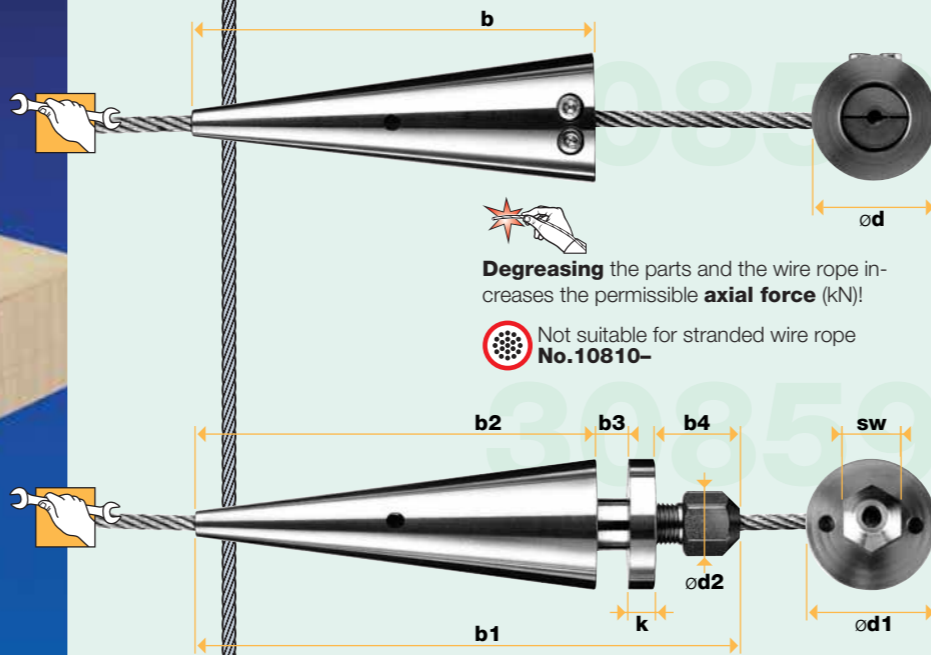


Welded rope end No. 30905- see page 79



**Degreasing** the parts and the wire rope increases the permissible **axial force (kN)**!

**Not suitable for stranded wire rope**  
No.10810-



**Not suitable for stranded wire rope**  
No.10810-

**The user is responsible** for choosing the proper rope ø and for correct assembly. Functionality is guaranteed only by Jakob rope **No. 10820-** with code filament.

Technical data subject to change. All rights reserved. © 1988 / 02 by Jakob AG Switzerland. Rev. 2

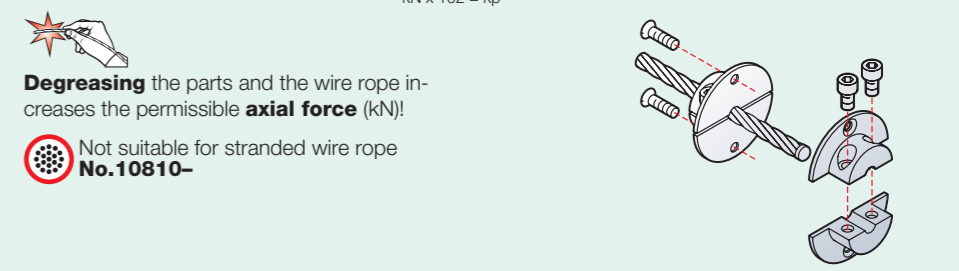
2-PART FLANGE RING

Patent pending

1.4305  
AISI 303

no.	no.	ø mm	a	max. axial force kN	b1	b2	ø d1	ø d2	ø d3	ø d4	k
0200-01	0200-02	2,0	M3	0,350	11	9,5	30	15	22,5	3,2	1,5
0300-01	0300-02	3,0	M3	0,375	11	9,5	30	15	22,5	3,2	1,5
0400-01	0400-02	4,0	M3	0,400	11	9,5	30	15	22,5	3,2	1,5
0500-01	0500-02	5,0	M4	0,425	11	9,5	35	20	27,5	3,2	1,5
0600-01	0600-02	6,0	M4	0,450	11	9,5	35	20	27,5	3,2	1,5
0800-01	0800-02	8,0	M4	0,500	11	9,5	35	20	27,5	3,2	1,5

kN x 102 = kp



COVER DISK FOR WIRE ROPE CLAMPING CONE

1.4305  
AISI 303

no.	ø mm	ø d1	ø d2	k
0300-031	3,0	30	3,5	4
0400-031	4,0	30	4,5	4

WIRE ROPE CLAMPING CONE, SCREWED

For on-site assembly with rope No. 10820-  
Other executions see NEWS catalogue.

1.4305  
AISI 303

no.	ø mm	max. axial force kN	b	ø d
0300-03	3,0	0,375	90	30
0400-03	4,0	0,400	90	30

kN x 102 = kp

WIRE ROPE CONE WITH DISK, SCREWED

For on-site assembly with rope No. 10820- / Patent/DBGM pending  
Breaking strength: 90% of min. rope breaking load

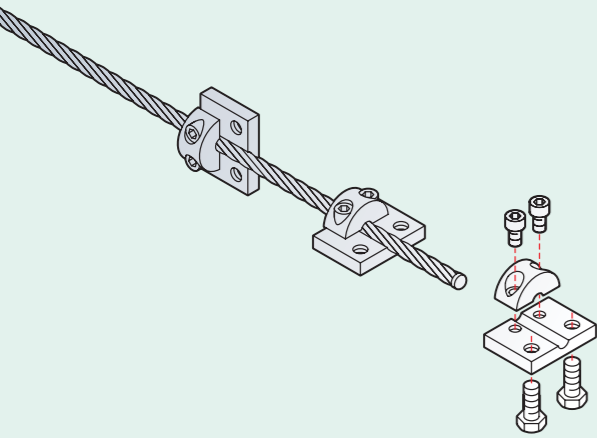
1.4305  
AISI 303

no.	ø mm	b1	b2	b3 max.	b4	ø d1	ø d2	k	sw
0300-02	3,0	114(+b3)	90	15	18	30	14,8	6	13
0400-02	4,0	114(+b3)	90	15	18	30	14,8	6	13

84.A 84.B



84.C



1.4305  
AISI 303

CONNECTING WIRE ROPE CLAMP

Patent pending



**Degreasing** the clamp parts and the wire rope increases the permissible **axial force** (kN)!



Not suitable for stranded wire rope **No.10810-**

**30833**

no.	ø mm	a	max. axial force kN	b1	b2	b3	b4	e	f	k1	k2
0200	2,0	M5	0,350	25	15	22	15	16,5	5,5	10	4
0300	3,0	M5	0,375	25	15	22	15	16,5	5,5	10	4
0400	4,0	M5	0,400	25	15	22	15	16,5	5,5	10	4
0500	5,0	M5	0,425	25	20	22	15	16,5	5,5	10	5
0600	6,0	M5	0,450	25	20	22	15	16,5	5,5	10	5

kN x 102 = kp

IN-LINE ADJUSTABLE THREADS

Breaking strength: 90% of min. rope breaking load / Patent pending

1.4305  
AISI 303

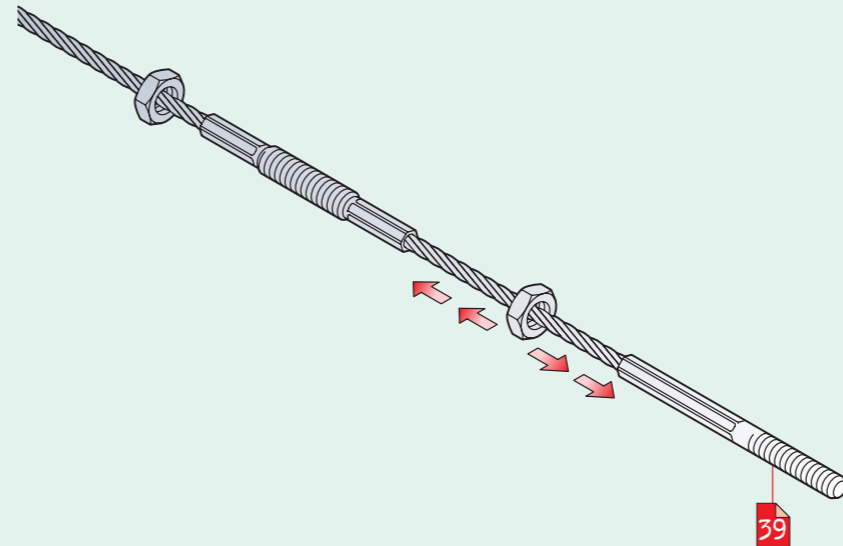


Swaged in-line screws are supplied with two special nuts (shown). The in-line screw has a larger ø (a) than the swaged end connector for the selected wire rope ø (example: M10 / M6).

The swaging process **lengthens** dimension (b) by 3 to 6%.

**30802**

no.	ø mm	a	b1	b2	b3 min.	c	ø d1	ø d2
0300	3,0	M8	60	15	60	30	6	14.6
0400	4,0	M10	70	20	50	30	7	19.0
0500	5,0	M10	90	25	50	40	8	19.0
0600	6,0	M12	110	30	80	50	10	21.3
0800	8,0	M16	120	35	90	50	13	27.0



**The user is responsible** for choosing the proper rope ø and for correct assembly. Functionality is guaranteed only by Jakob ropes **Nos. 10810- and 10820-**.

Measure assembly lengths like this:

