

TALURIT™ SPLICING SYSTEM

Table of sizes for INOX ferrules

Ferrule No.	Wire Rope Capacity Diameter (mm)				Die Identification			Required pressure approx. (kN)
	Fill factor (f=0,42-0,52) Fibre Core		Fill factor (f=0,53-0,58) Steel Core		Dies marked	Diameter after pressing (mm) / Tol.		
INOX	Min	Max	Min	Max	INOX			
1	0,9	1,1	0,8	1,0	1	3,6	+0,1 0	70
1,5	1,2	1,6	1,1	1,4	1,5	4,2	+0,15 0	100
2	1,7	2,2	1,5	2,0	2	4,8		160
2,5	2,3	2,7	2,1	2,6	2,5	5		200
3	2,8	3,2	2,7	3,0	3	6		250
3,5	3,3	3,7	3,1	3,5	3,5	7,8		300
4	3,8	4,2	3,6	4,0	4	8		350
4,5	4,3	4,7	4,1	4,5	4,5	9,8		400
5	4,8	5,4	4,6	5,0	5	10,8	+0,3 0	500
6	5,5	6,4	5,1	6,1	6	12		600
7	6,5	7,4	6,2	7,1	7	14		700
8	7,5	8,4	7,2	8,1	8	16		850
9	8,5	9,5	8,2	9,1	9	18		1 000
10	9,6	10,5	9,2	10,1	10	20	+0,4 0	1 100
11	10,6	11,5	10,2	11,1	11	21,3		1 350
12	11,6	12,6	11,2	12,2	12	24		1 500
13	12,7	13,6	12,3	13,2	13	26		1 750
14	13,7	14,6	13,3	14,2	14	28	+0,5 0	2 000
16	14,7	16,7	14,3	16,2	16	32		2 500
18	16,8	19,0	16,3	18,2	18	36	+0,6 0	3 100
20	19,1	21,0	18,3	20,2	20	40		3 400
22	21,1	23,1	20,3	22,2	22	44		3 900
24	23,2	25,2	22,3	24,2	24	48	+0,8 0	4 500
26	25,3	27,3	24,3	26,4	26	52		5 000
28	27,4	29,4	26,5	28,4	28	56		5 600
30	29,5	31,5	28,5	30,3	30	60		6 000

Please note that these instructions are only applicable to products produced and supplied by Talurit AB, Sweden and Gerro GmbH, Germany!



INOX ferrule (stainless steel)

f = Fill factor, is the ratio between the sum of the nominal metallic cross-sectional areas of all the wires in the rope and the circumscribed area of the rope based on its nominal diameter.

C = Nominal metallic cross-sectional area factor of the rope.

$$C = \frac{f \cdot \pi}{4}$$

Ferrules have been validated according to TALURIT™ splicing system.

Note! We do not guarantee strength of slings for lifting activities made of INOX-ferrules. A termination performed according to our instructions will normally withstand a tensile strength of 90% of the minimum-breaking load (MBL) of the wire rope. Verifying tests must be done in order to find out the strength.

Wire rope: Above table applies to stainless steel single layer wire ropes with round strands and rope grade 1570. For higher tensile grade and higher Fill factor, please contact our Technical Department.

Please refer to TALURIT™ "Ferrule Securing Instructions" for further information.