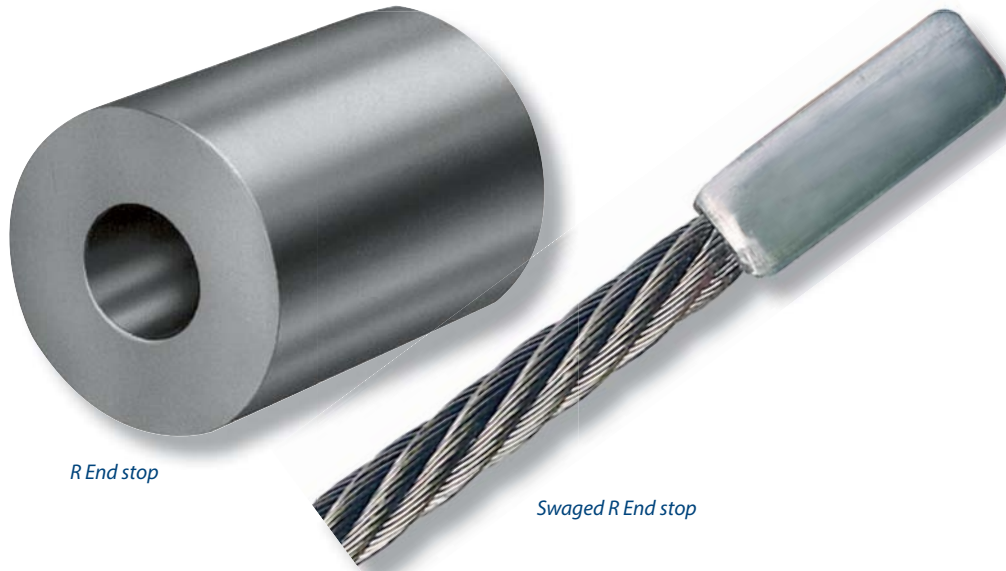


**END STOPS/STOPPERS***R End stop**Swaged R End stop*

## 9.3 R END STOP TALURIT™ SYSTEM

### GENERAL DESCRIPTION

The R end stop is a round end stop made of Aluminium alloy, AW-5051A, same as for our T-ferrules.

### APPLICATIONS

Round aluminium ferrules are commonly used as end stops or as stoppers on bright or galvanized wire rope. The aluminium alloy is EN AW 5051A according to EN 573-3, and complies with material requirements in EN 13411-3. Same type of dies as for T-ferrules are to be used.

### TO BE NOTED

Round aluminium end stops are not recommended for use in high strength applications. The expected strength of this end stop is approx 50 percent of the MBL of the wire rope. Accordingly, verifying tests must be performed to secure the strength of the termination.

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## TALURIT™ SPLICING SYSTEM

### Selection table for R End stops

End stop No.	Wire Rope Capacity Diameter (mm)				Die Identification			Required pressure approx. (kN)
	Fill factor (f=0,40-0,50) Fibre Core		Fill factor (f=0,50-0,60) Steel Core		Dies marked	Diameter after pressing (mm) / Tol.		
R	Min	Max	Min	Max	T			
1.5	0,9	1,0	0,8	0,9	1	3	+0,1	10
	1,1	1,5	1,0	1,4	1,5	3,8	0	20
2	1,6	2,0	1,5	1,9	2	4		30
3	2,1	2,6	2,0	2,4	2,5	5		45
	2,7	3,1	2,5	2,8	3	6		60
4	3,2	3,6	2,9	3,3	3,5	7		80
	3,7	4,1	3,4	3,8	4	8		100
5	4,2	4,6	3,9	4,2	4,5	9		125
	4,7	5,1	4,3	4,7	5	10		180
6	5,2	6,1	4,8	5,6	6	12	+0,3	210
6.5	6,2	6,6	5,7	6,1	6,5	13	0	250
7	6,7	7,1	6,2	6,6	7	14		320
8	7,2	8,2	6,7	7,5	8	16		410
9	8,3	9,0	7,6	8,2	9	18		500
10	9,1	10,1	8,3	9,2	10	20	+0,4	600
11	10,2	11,2	9,3	10,2	11	22	0	720
12	11,3	12,3	10,3	11,2	12	24		850
13	12,4	13,4	11,3	12,2	13	26		1 000
14	13,5	14,5	12,3	13,2	14	28	+0,5	1 300
16	14,6	16,1	13,3	14,7	16	32	0	1 600
18	16,2	18,2	14,8	16,6	18	36	+0,6	2 000
20	18,3	20,2	16,7	18,4	20	40	0	2 400
22	20,3	22,4	18,5	20,4	22	44		2 900
24	22,5	24,6	20,5	22,5	24	48	+0,8	3 400
26	24,7	26,9	22,6	24,6	26	52	0	3 900
28	27,0	28,6	24,7	26,1	28	56		4 500
30	28,7	30,8	26,2	28,1	30	60	+1,0	5 100
32	30,9	32,7	28,2	29,9	32		0	5 800

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



Round End stop (R)  
(aluminium)

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.

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

**R end stops:** The R end stops are not recommended for use in high strength applications.

**Wire rope:** Above table applies to bright or galvanized single layer steel wire ropes with round strands and rope grade 1 570 – 1 960. Wire ropes shall conform to EN 12385-4 and 5. The types of rope shall be Ordinary or Lang lay. For higher and lower filling factor, please contact our Technical Department.

**Swaging:** The R end stops are swaged according to our specified swaging method for R and RCU end stops in chapter 10.6 and 10.7.

**Note!** The R end stops, are not allowed to use for lifting applications. The expected strength regarding this end-termination is approximately 50% of the MBL of the wire rope (informative only). Accordingly, verifying tests must be performed to secure the strength of the application.