

## SAHM® ALUMINIUM WIRE ROPE FERRULES

**ZEN®** FERRULE  
FORM A + B • ACCORDING  
TO EN 13411-3



ROPE Ø (mm)			FERRULES ACCORDING TO EURONORM 13411-3			
NOMINAL	MEASURED		SINGLE LAYER ROUND STRAND ROPES WITH FIBRE CORE AND CABLE LAID ROPES  METALLIC CROSS SECTIONAL AREA FACTOR C MIN. 0,283	SINGLE LAYER ROUND STRAND ROPES WITH IWRC AND ROTATION-RESISTANT ROUND STRAND ROPES		SPIRAL STRANDS (2 FERRULES)  C MAX 0.613
	min.	max.		C UP TO 0.487	C GREATER 0.487 UP TO 0.613	
2.5	2.5	2.7	2.5	3	-	-
3	2.8	3.2	3	3.5	-	-
3.5	3.3	3.7	3.5	4	-	-
4	3.8	4.3	4	4.5	-	5
4.5	4.4	4.8	4.5	5	-	6
5	4.9	5.4	5	6	-	6.5
-	5.5	5.9	6	6.5	-	7
6	6.0	6.4			7	
6.5	6.5	6.9	6.5	7	8	8
7	7.0	7.4	7	8	9	9
-	7.5	7.9	8	9	9	10
8	8.0	8.4			10	
-	8.5	8.9	9	10	10	11
9	9.0	9.5			11	
-	9.6	9.9	10	11	11	12
10	10.0	10.5			12	
-	10.6	10.9	11	12	12	13
11	11.0	11.6			13	
-	11.7	11.9	12	13	13	14
12	12.0	12.6			14	
-	12.7	12.9	13	14	14	16
13	13.0	13.7			16	
-	13.8	13.9	14	16	16	18
14	14.0	14.7			18	
-	14.8	15.9	16	18	18	20
16	16.0	16.8			20	
-	16.9	17.9	18	20	20	22
18	18.0	18.9			22	
-	19.0	19.9	20	22	22	24
20	20.0	21			24	
-	21.1	21.9	22	24	24	26
22	22.0	23.1			26	
-	23.2	23.9	24	26	26	28
24	24.0	25.2			28	
-	25.3	25.9	26	28	28	30
26	26.0	27.3			30	
-	27.4	27.9	28	30	30	32
28	28.0	29.4			32	
-	29.5	29.9	30	32	32	34
30	30.0	31.5			34	
-	31.6	31.9	32	34	34	36
32	32.0	33.6			36	
-	33.7	33.9	34	36	36	38
34	34.0	35.7			38	
-	35.8	35.9	36	38	38	40
36	36.0	37.8			40	
-	37.9	37.9	38	40	40	44
38	38.0	39.9			44	
40	40.0	42	40	44	48	48
-	42.1	43.9	44	48	48	52
44	44.0	46.2			52	
-	46.3	47.9	48	52	52	56
48	48.0	50.4			56	
-	50.5	51.9	52	56	56	60
52	52.0	54.6			60	

Remark: To convert fill factor f (DIN 3093) to metallic cross sectional area factor C (EN 13411-3) multiply f by 0,7854