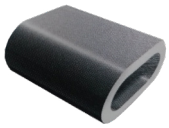
ÇELİK HALAT SAPAN YÜZÜKLERİ / *STEEL WIRE ROPE FERRULES*

SAHM SPLICE

Alüminyum Zen Modeli Yüzükler EN 13411-3

Ferrules Zen Type EN 13411-3



Halat Çapı Rope Diameter Nominal	Ölçülen Halat Çapı Actual Diameter of Rope (mm)		Kullanılması Gereken Yüzük Numarası Ferrules			
mm	min	max	Kendir Özlü Halatlar Fibre Core Ropes		Çelik Özlü Halatlar Steel Core Ropes (IWRC)	
1,0*	-	-	min 0,9	max 1,0	min 0,5	max 0,8
1,5*	-	-	min 1,1	max 1,5	min 0,9	max 1,1
2,0*	-	-	min 1,6	max 2,0	min 1,2	max 1,6
2,5	2,5	2,7	2,5		3,0	
3,0	2,8	3,2	3,0		3,5	
3,5	3,3	3,7	3,5		4,0	
4,0	3,8	4,3	4,0		4,5	
4,5	4,4	4,8	4,5		5,0	
5,0	4,9	5,4	5,0		6,0	
6,0	6,0	6,4	6,0		6,5	
6,5	6,5	6,9	6,5		7,0	
7,0	7,0	7,4	7,0		8,0	
8,0	8,0	8,4	8,0		9,0	
9,0	9,0	9,5	9,0		10,0	
10,0	10,0	10,5	10,0		11,0	
11,0	11,0	11,6	11,0		12,0	
12,0	12,0	12,6	12,0		13,0	
13,0	13,0	13,7	13,0		14,0	
14,0	14,0	14,7	14,0		16,0	
16,0	16,0	16,8	16,0		18,0	
18,0	18,0	18,9	18,0		20,0	
20,0	20,0	21,0	20,0		22,0	
22,0	22,0	23,1	22,0		24,0	
24,0	24,0	25,2	24,0		26,0	
26,0	26,0	27,3	26,0		28,0	
28,0	28,0	29,4	28,0		30,0	
30,0	30,0	31,5	30,0		32,0	
32,0	32,0	33,6	32,0		34,0	
34,0	34,0	35,7	34,0		36,0	
36,0	36,0	37,8	36,0		38,0	
38,0	38,0	39,9	38,0		40,0	
40,0	40,0	42,0	40,0		44,0	
44,0	44,0	46,2	44,0		48,0	
48,0	48,0	50,4	48,0		52,0	
52,0	52,0	54,6	52,0		56,0	
56,0	56,0	58,8	56,0		60,0	
60,0	60,0	63,0	60,0			

***** EN 13411-3'te bu ölçüler yer almamaktadır.

* These sizes are outsides of EN 13411-3.

Zen Modeli Yüzükler için Pres Sonrası Ölçüler

Pressed Ferrule Dimensions for Zen Type

Zen Yüzük Numarası Zen Code No	d mm	Tolerans Tolerance in mm	Pres Öncesi Yüzük Uzunluğu L_1 L_1 Before Swaging	Pres Sonrası Yüzük Uzunluğu L_2 L_2 After Swaging
1,0*	2,0	-	-	-
1,5*	3,0		-	-
2,0*	4,0		-	-
2,5	5,0	+ 0,2	9	12
3,0	6,0		11	14
3,5	7,0		13	16
4,0	8,0		14	18
4,5	9,0		16	20
5,0	10,0		18	23
6,0	12,0	+ 0,4	21	27
6,5	13,0		23	29
7,0	14,0		25	32
8,0	16,0		28	36
9,0	18,0		32	40
10,0	20,0	+ 0,5	35	45
11,0	22,0		39	50
12,0	24,0		42	54
13,0	26,0		46	59
14,0	28,0	+ 0,7	49	63
16,0	32,0		56	72
18,0	36,0	+ 0,9	63	81
20,0	40,0		70	90
22,0	44,0		77	99
24,0	48,0	+ 1,1	84	108
26,0	52,0		91	117
28,0	56,0		98	126
30,0	60,0		105	135
32,0	64,0	+ 1,4	112	144
34,0	68,0		119	153
36,0	72,0		126	162
38,0	76,0	+ 1,6	133	171
40,0	80,0		140	180
44,0	88,0		154	198
48,0	96,0	+ 1,9	168	216
52,0	104,0	+ 2,1	182	234
56,0	112,0	+ 2,3	196	252
60,0	120,0	+ 2,4	210	270

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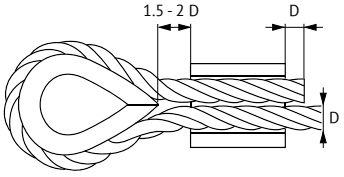
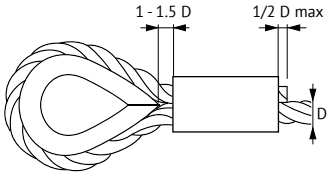
Pres Öncesi
Before Swaging



Pres Sonrası
After Swaging



- Halat çapı ve kompozisyonuna göre doğru yüzüğün ve pres kalıbının seçildiğine emin olunmalıdır.
- Pres öncesi kıvrılan tarafın yüzükten bir halat çapı kadar (D) dışarı çıkması gerekir. Pres sonrası bu mesafe D/2 kadar olmalıdır.
- Radansalı presler için radansanın ucuyla yüzük arasındaki mesafe 1 - 1.5 D olmalıdır.
- Her pres sonrası yüzük çapının doğru ölçüde olup olmadığı kontrol edilmelidir.

- The appropriate size of ferrule and dies should be used for the chosen rope size and construction.
- Dead end of the rope should protrude out of the ferrule with one rope diameter (D) before swaging. After swaging this length should be D/2.
- For hard eyes the gap between the thimble and the ferrule should be about 1 - 1.5 D.
- Every pressed ferrule should be checked for correct dimensions.