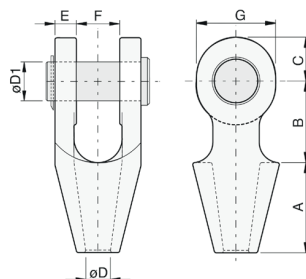


DOUILLES



Axe goupillé

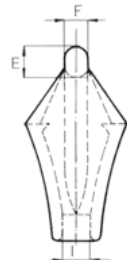
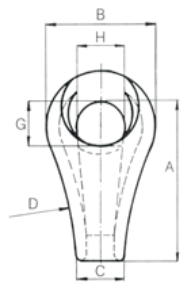


Axe goupillé boulonné

N°	CRM	Diamètre câble mm	Dimensions								Poids par pièce kg
	T		A mm	B mm	C mm	ø D mm	ø D1 mm	E mm	F mm	G mm	
196	5	6 - 7	57,0	39,6	20	9,6	17,5	9,1	19,1	33,3	0,5
197	10	8 - 10	57,0	44,5	25	12,7	20,6	11,2	20,6	38,1	0,6
198	20	11 - 13	63,5	51,0	28	14,2	25,4	12,7	25,4	47,8	1,0
199	25	14 - 16	76,0	63,5	35	17,5	30,2	14,2	31,8	57,0	1,6
100	40	18 - 19	89,0	76,0	40	21,0	35,0	16,0	38,0	70,0	3,2
104	50	20 - 22	101,0	89,0	45	24,0	41,0	19,0	44,0	80,0	4,6
108	63	23 - 26	114,0	101,0	60	28,0	51,0	22,0	51,0	104,0	8,0
111	80	27 - 30	127,0	114,0	65	32,0	57,0	25,0	57,0	114,0	11,0
115	100	31 - 36	139,0	127,0	72	38,0	63,0	28,0	63,0	126,0	16,0
118	125	37 - 39	152,0	162,0	80	41,0	70,0	30,0	76,0	142,0	23,0
120	160	40 - 42	165,0	165,0	88	44,0	76,0	33,0	76,0	152,0	27,0
125	200	43 - 48	190,0	178,0	100	51,0	89,0	39,0	89,0	176,0	41,0
128	250	49 - 54	216,0	228,0	108	57,0	95,0	46,0	101,0	194,0	58,0
130	320	55 - 60	228,0	250,0	120	63,0	108,0	53,0	113,0	210,0	85,0
132	400	61 - 68	248,0	273,0	133	73,0	121,0	60,0	127,0	236,0	118,0
135	450	69 - 75	279,0	279,0	138	79,0	127,0	73,0	133,0	240,0	155,0
138	500	76 - 80	305,0	286,0	146	86,0	133,0	76,0	146,0	252,0	173,0
140	600	81 - 86	330,0	298,0	160	92,0	140,0	79,0	159,0	290,0	230,0
142	700	87 - 93	356,0	318,0	178	99,0	152,0	83,0	171,0	320,0	265,0
144	800	94 - 102	381,0	343,0	190	108,0	178,0	89,0	191,0	350,0	370,0
146	1.000	108 - 115	450,0	480,0	215	125,0	195,0	100,0	205,0	400,0	525,0
150	1.200	120 - 130	500,0	500,0	280	138,0	250,0	110,0	225,0	560,0	900,0



DOUILLES



Standard

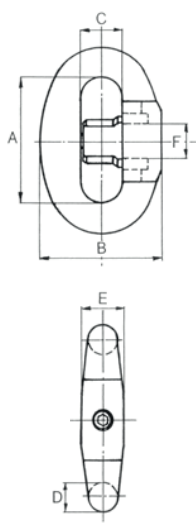
Taille	Diam. câble mm	CMU kg	CRM kg	Dimensions									I mm	Poids par pièce kg
				A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm			
1	10 - 11	1.500	10.000	81	48	22	195	12,0	11,5	20	24	12	0,4	
2	12 - 13	2.000	14.000	94	56	22	195	15,5	13,5	22	25	14	0,5	
3	14 - 15	2.500	17.500	108	64	28	220	17,5	15,5	24	29	16	0,6	
4	16 - 17	3.000	22.500	122	70	31	220	19,5	17,5	26	31	18	0,9	
5	18 - 19	4.500	27.500	135	84	33	245	21,0	19,0	30	42	20	1,3	
6	20 - 21	5.000	35.500	152	84	36	310	23,0	21,0	33	38	23	1,7	
7	22 - 24	7.000	42.500	168	100	40	310	26,0	23,0	37	48	26	2,3	
8	25 - 27	8.000	52.500	186	100	43	350	28,0	25,0	39	44	29	3,2	
9	28 - 30	11.000	70.000	202	120	45	350	31,0	27,0	40	58	32	4,1	
10	31 - 33	13.000	85.000	222	120	52	445	32,0	28,5	45	56	35	5,2	
11	34 - 36	15.000	95.000	239	142	55	445	36,0	31,5	50	70	40	6,4	
12	37 - 39	17.000	110.000	264	142	60	495	39,0	34,5	51	64	41	7,9	
13	40 - 42	21.000	125.000	285	166	63	555	43,0	36,5	59	80	44	9,5	
14	43 - 45	26.000	155.000	312	166	68	595	47,0	40,0	62	72	48	11,2	
15	46 - 48	30.000	180.000	337	170	75	595	51,0	44,0	68	68	53	13,0	
17	52 - 56	42.500	240.000	400	220	84	880	60,0	54,0	75	90	59	23,0	

Type S

Taille	Diam. câble mm	CMU kg	CRM kg	Dimensions									I mm	Poids par pièce kg
				A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm			
924	22 - 24	11.000	70.000	202	132	40	325	31	27,0	40	58	27	4,0	
1026	25 - 27	13.000	85.000	222	143	43	375	32	28,5	46	66	30	5,0	
1130	28 - 30	15.000	95.000	239	156	45	400	36	31,5	50	70	33	7,0	
1232	31 - 33	17.000	110.000	249	165	52	425	39	34,5	52	72	36	8,5	
1336	34 - 36	21.000	125.000	285	184	55	450	43	36,5	60	80	40	9,5	
1440	37 - 40	26.000	155.000	297	192	60	475	47	40,0	62	80	44	12,0	
3221	42 - 44	32.500	189.000	314	204	66	425	53	46,0	70	80	47	13,5	
1548	46 - 48	30.000	180.000	329	192	67	575	51	44,0	66	80	52	12,5	
1648	46 - 48	36.000	215.000	343	218	70	500	56	50,0	75	90	52	18,0	

Mailles de raccordement

Taille	CMU kg	CRM kg	Dimensions						Poids kg
			A mm	B mm	C mm	D mm	E mm	F mm	
4	3,000	25,000	76	76	24,5	19	30	21	0,9
5	4,500	33,000	84	84	27,0	21	33	23	1,2
6	5,000	37,500	92	92	29,5	23	35	25	1,5
7	7,000	49,000	100	100	32,0	25	38	28	2,0
8	8,000	54,000	106	106	34,5	27	41	31	2,5
9	9,5000	60,000	116	116	37,0	29	44	34	3,1
10	12,000	75,000	128	128	40,5	32	48	37	4,4
11	15,000	95,000	140	140	44,0	35	53	40	5,7
12	17,000	110,000	152	152	47,5	38	57	43	7,2
13	21,000	135,000	164	164	51,0	41	62	46	8,7
14	26,000	160,000	176	173	54,0	44	66	50	11,0
15	30,000	175,000	188	188	58,0	47	71	52	13,5
17	42,500	260,000	222	222	68,0	56	84	62	23,0



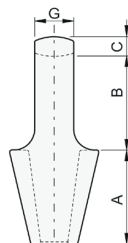
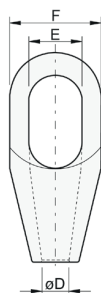
Combinaisons douille standard / maille de raccordement

Taille de la douille	Maille n°
3	4
4	4
5	4-5-6-7
6	5-6-7
7	6-7-8-9
8	7-8-9
9	8-9-10
10	9-10-11
11	10-11-12
12	11-12-13
13	12-13-14
14	13-14-15
15	14-15
17	17

Combinaisons douille type S / maille de raccordement

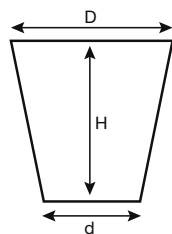
Taille de la douille	Maille n°
924	8-9-10
1026	9-10
1130	10-11-12
1232	11-12-13
1336	12-13-14
1440	13-14-15
3221	15
1548	14-15
1648	15-17

DOUILLES



N°	CRM	Diamètre câble mm	Dimensions							Poids par pièce kg
	T		A mm	B mm	C mm	ø D mm	E mm	F mm	G mm	
296	5	6 - 7	57,2	46,0	12,7	9,6	22,4	39,6	12,7	0,2
297	10	8 - 10	57,2	52,5	15,8	12,7	24,6	42,9	17,5	0,3
298	20	11 - 13	63,5	58,5	17,5	14,2	29,5	51,0	22,4	0,7
299	25	14 - 16	76,2	66,0	20,6	17,5	35,8	67,0	25,4	1,1
200	40	18 - 19	89,0	78,0	27,0	21,0	42,0	76,0	32,0	2,1
201	50	20 - 22	101,0	90,0	33,0	24,0	47,0	92,0	38,0	3,6
204	63	23 - 26	114,0	103,0	36,0	28,0	57,0	104,0	44,0	5,3
207	80	27 - 30	127,0	116,0	39,0	32,0	63,0	114,0	51,0	7,0
212	100	31 - 36	139,0	130,0	43,0	38,0	70,0	127,0	57,0	9,7
215	125	37 - 39	152,0	155,0	51,0	41,0	79,0	136,0	63,0	13,0
217	160	40 - 42	165,0	171,0	54,0	44,0	83,0	146,0	70,0	17,0
219	200	43 - 48	190,0	198,0	55,0	51,0	93,0	171,0	76,0	26,0
222	250	49 - 54	216,0	224,0	62,0	57,0	100,0	193,0	82,0	37,0
224	320	55 - 60	228,0	247,0	73,0	63,0	112,0	216,0	92,0	50,0
226	400	61 - 68	248,0	270,0	79,0	73,0	140,0	241,0	102,0	65,0
227	450	69 - 75	278,0	286,0	79,0	79,0	159,0	273,0	124,0	94,0
228	500	76 - 80	305,0	298,0	83,0	86,0	171,0	292,0	133,0	110,0
229	600	81 - 86	330,0	311,0	102,0	92,0	184,0	311,0	146,0	145,0
230	700	87 - 93	356,0	330,0	102,0	99,0	197,0	330,0	159,0	168,0
231	800	94 - 102	381,0	356,0	108,0	108,0	216,0	362,0	178,0	210,0
233	1.000	108 - 115	450,0	425,0	125,0	125,0	235,0	405,0	190,0	330,0
240	1.200	120 - 130	500,0	475,0	135,0	138,0	260,0	515,0	210,0	550,0

WIRELOCK®



$$\frac{(D+d^2)}{4} \times H \times 3,142 = \text{cc}$$

Taille du câble	Quantité requise	Taille du câble	Quantité requise	Taille du câble	Quantité requise
6 - 7 mm (1/4")	9 cc	28 mm (1 1/8")	210 cc	60 mm (2 3/8")	1.410 cc
8 mm (5/16")	17 cc	32 mm (1 1/4")	350 cc	64 mm (2 1/2")	1.830 cc
9 - 10 mm (3/8")	17 cc	36 mm (1 3/8")	350 cc	67 mm (2 5/8")	1.830 cc
11 mm (7/16")	35 cc	40 mm (1 1/2")	420 cc	70 mm (2 3/4")	2.250 cc
13 mm (1/2")	35 cc	42 mm (1 5/8")	495 cc	76 mm (3")	3.160 cc
14 mm (9/16")	52 cc	44 mm (1 3/4")	700 cc	82 mm (3 1/4")	3.795 cc
16 mm (5/8")	52 cc	48 mm (1 7/8")	700 cc	88 mm (3 1/2")	4.920 cc
20 mm (3/4")	86 cc	51 mm (2")	1.265 cc	94 mm (3 3/4")	5.980 cc
22 mm (7/8")	125 cc	54 mm (2 1/8")	1.265 cc	102 mm (4")	7.730 cc
26 mm (1")	160 cc	56 mm (2 1/4")	1.410 cc		

