

®

Cablerod
rope • fittings

architecture
wire rope
fittings



2018
product
series



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the company

- **2003** vesta inovas was founded
- **2004** pioneered cable and rod display system in Malaysia under the branding **cablerod™**
- achieved business of the year award from SME
- achieved Malaysia interior design awards for products excellence and design
- **2005** pioneered architecture ropes and fittings in Malaysia building industry and applications
- **2008** expanded product series to include mesh and metal screens with project conceptual and application support
- **2013 established and expanded local production facilities and technology applications for architectural rope and fittings industry.**



the products

— marine grade stainless steel AISI 316

— product quality, functionality and versatility

— superior anti-corrosion and rigidity, high shin finish

— varieties of fixture and fittings for both typical and specialised applications

— custom fixture design and application

— project technical and application support

— project conceptual and development services

— **production and assembly in Malaysia**



the clients

2003 to 2018

- international airport
- government institutions
- royal palaces
- building facades
- bridges
- corporates offices
- banking institutions
- museums
- galleries
- property showrooms
- shopping malls
- branded retails
- art pieces
- theme parks
- resorts
- marine infrastructures
- intergraded buildings
- commercial buildings





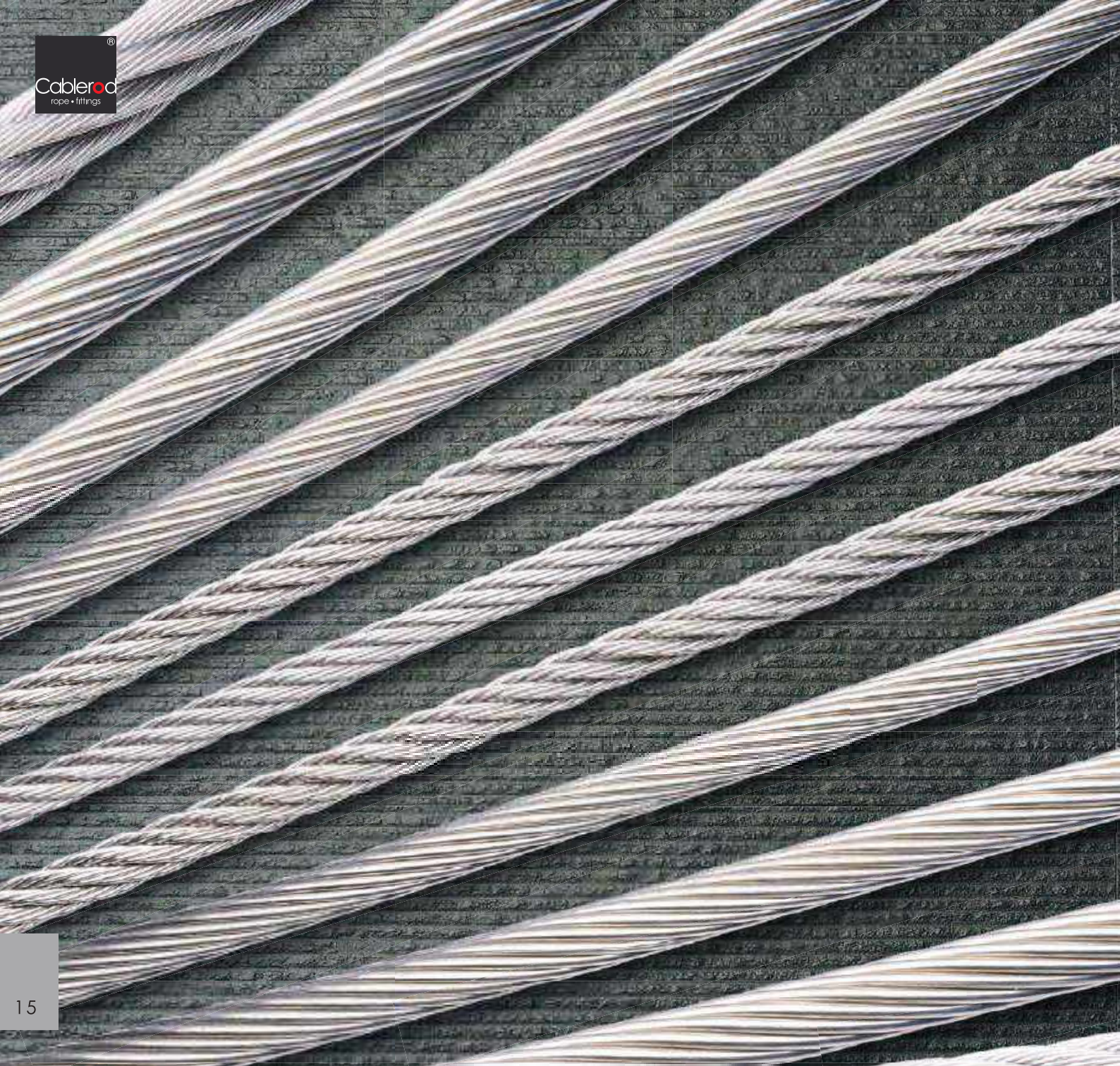


rope d
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Cablerod[®]
rope • fittings

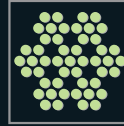
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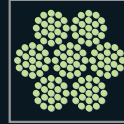




strand 1 x 19
stainless steel
aisi 316



wire rope 7 x 7
stainless steel
aisi 316



wire rope 7 x 19
stainless steel
aisi 316

strand & wire rope characteristics

stainless steel strand

- higher breaking load
- rigid construction
- low stretch-ability
- commonly used for structural and stiffening applications e.g. bridge suspensions, canopy supports etc.

stainless steel wire rope

- more refined aesthetics
- flexibility with variety of fittings
- suitable for angled and reversible applications commonly used for architectural and interior design features e.g. balustrades, trellis etc.

modulus of elasticity*

- stainless steel aisi 316 strand 1.3×10^5 N/mm
- stainless steel aisi 316 wire rope 1.0×10^5 N/mm

*for design reference only. actual readings refer to static specialist for individual project.



assembly





accessories





assembly

accessories







assembly

accessories







assembly





accessories















the projects



























↑  **Kaunter Daftar Masuk**
Check - In Counter
سجل الوصول / مكتب التسجيل / 登机口

↑  **Perlepasan Dalam Negeri**
Domestic Departures
ڤهارة دايمية / 国内航班出口

↑  **Perlepasan Antarabangsa**
International Departures
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←  **Kaunter Penerangan**
Information Counter
ڤهارة اوتارابانسا / 信息咨询台

STUV

FLIGHT INFORMATION BOARD

FLIGHT NO.	DESTINATION	STATUS	DEPARTURE	ARRIVAL
...
...
...

Monday 12 May 2014

FLIGHT	TO	STATUS	DEPARTURE	ARRIVAL	STATUS
3M 601	KL	ON TIME	08:00	08:15	OK
3M 602	KL	ON TIME	08:30	08:45	OK
3M 603	KL	ON TIME	09:00	09:15	OK
3M 604	KL	ON TIME	09:30	09:45	OK
3M 605	KL	ON TIME	10:00	10:15	OK
3M 606	KL	ON TIME	10:30	10:45	OK
3M 607	KL	ON TIME	11:00	11:15	OK
3M 608	KL	ON TIME	11:30	11:45	OK
3M 609	KL	ON TIME	12:00	12:15	OK
3M 610	KL	ON TIME	12:30	12:45	OK
3M 611	KL	ON TIME	13:00	13:15	OK
3M 612	KL	ON TIME	13:30	13:45	OK
3M 613	KL	ON TIME	14:00	14:15	OK
3M 614	KL	ON TIME	14:30	14:45	OK
3M 615	KL	ON TIME	15:00	15:15	OK
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3M 618	KL	ON TIME	16:30	16:45	OK
3M 619	KL	ON TIME	17:00	17:15	OK
3M 620	KL	ON TIME	17:30	17:45	OK
3M 621	KL	ON TIME	18:00	18:15	OK
3M 622	KL	ON TIME	18:30	18:45	OK
3M 623	KL	ON TIME	19:00	19:15	OK
3M 624	KL	ON TIME	19:30	19:45	OK
3M 625	KL	ON TIME	20:00	20:15	OK
3M 626	KL	ON TIME	20:30	20:45	OK
3M 627	KL	ON TIME	21:00	21:15	OK
3M 628	KL	ON TIME	21:30	21:45	OK
3M 629	KL	ON TIME	22:00	22:15	OK
3M 630	KL	ON TIME	22:30	22:45	OK

Malaysia AIRPORTS



the simplicity to kinetic facade

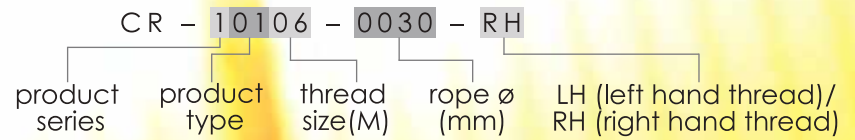






the specifications

key to product code



subject to individual project requirements, vesta inovas may undertake development of special components or authorize modifications of existing products, which do not exist in current standard list of specifications.



Product Code AISI 304	Product Code AISI 316	Diameter (mm)	Weight (kg/100m)	MBL AISI 304 (kN)	MBL AISI 316 (kN)
CR-0001-0010	CR-0002-0010	1	0.52	0.94	0.82
CR-0001-0015	CR-0002-0015	1.5	1.12	2.10	1.85
CR-0001-0020	CR-0002-0020	2	1.98	3.72	3.29
CR-0001-0025	CR-0002-0025	2.5	3.10	5.88	5.14
CR-0001-0040	CR-0002-0040	4	7.92	14.61	13.14
CR-0001-0060	CR-0002-0060	6	17.80	32.55	29.71
CR-0001-0080	CR-0002-0080	8	31.60	55.89	52.75
CR-0001-0100	CR-0002-0100	10	49.50	86.59	82.37
CR-0001-0120	CR-0002-0120	12	71.30	121.60	118.66
CR-0001-0140	CR-0002-0140	14	97.10	163.77	158.86

note : MBL (minimum breaking load) readings are for reference only. actual reading may vary under various conditions.



Product Code AISI 304	Product Code AISI 316	Diameter (mm)	Weight (kg/100m)	MBL AISI 304 (kN)	MBL AISI 316 (kN)
CR-0003-0010	CR-0004-0010	1.2	0.59	1.19	0.98
CR-0003-0015	CR-0004-0015	1.59	1.10	2.13	1.74
CR-0003-0020	CR-0004-0020	2	1.70	2.89	2.36
CR-0003-0025	CR-0004-0025	2.38	2.50	4.08	3.63
CR-0003-0030	CR-0004-0030	3.18	4.30	7.82	6.96
CR-0003-0040	CR-0004-0040	4	6.70	10.67	10.19
CR-0003-0050	CR-0004-0050	4.76	9.70	16.45	14.96
CR-0003-0055	CR-0004-0055	5.5	13.00	22.24	20.23
CR-0003-0060	CR-0004-0060	6	14.20	25.20	22.84
CR-0003-0065	CR-0004-0065	6.35	16.40	28.46	25.89
CR-0003-0080	CR-0004-0080	8	25.70	40.03	36.42

note : MBL (minimum breaking load) readings are for reference only. actual reading may vary under various conditions.



Product Code AISI 304	Product Code AISI 316	Diameter (mm)	Weight (kg/100m)	MBL AISI 304 (kN)	MBL AISI 316 (kN)
CR-0005-0010	CR-0006-0010	1.2	0.61	1.12	0.96
CR-0005-0015	CR-0006-0015	1.59	1.00	1.81	1.55
CR-0005-0020	CR-0006-0020	2	1.61	2.74	2.45
CR-0005-0025	CR-0006-0025	2.38	2.50	4.08	3.63
CR-0005-0030	CR-0006-0030	3.18	4.30	7.82	6.72
CR-0005-0040	CR-0006-0040	4	6.70	10.67	9.41
CR-0005-0050	CR-0006-0050	4.76	9.70	16.45	14.47
CR-0005-0055	CR-0006-0055	5.5	13.00	22.24	19.56
CR-0005-0060	CR-0006-0060	6	14.37	24.12	21.08
CR-0005-0065	CR-0006-0065	6.35	16.40	28.46	25.04
CR-0005-0080	CR-0006-0080	8	25.70	40.03	37.46
CR-0005-0100	CR-0006-0100	9.53	36.10	53.37	49.10
CR-0005-0120	CR-0006-0120	11.2	50.10	72.51	66.70
CR-0005-0130	CR-0006-0130	12.7	65.90	101.42	93.30
CR-0005-0140	CR-0006-0140	14	78.10	123.56	114.73
CR-0005-0160	CR-0006-0160	16	109.80	155.69	141.90
CR-0005-0180	CR-0006-0180	18	127.50	200.05	177.50
CR-0005-0200	CR-0006-0200	20	157.40	244.18	215.74
CR-0005-0220	CR-0006-0220	22.2	193.80	295.18	259.87
CR-0005-0240	CR-0006-0240	24	225.30	338.32	300.08
CR-0005-0250	CR-0006-0250	25	243.50	367.74	334.40
CR-0005-0260	CR-0006-0260	26	264.10	398.14	352.05
CR-0005-0280	CR-0006-0280	28	306.50	453.65	411.09
CR-0005-0300	CR-0006-0300	30	349.40	520.73	471.69
CR-0005-0320	CR-0006-0320	32	398.30	575.65	533.48

note : MBL (minimum breaking load) readings are for reference only. actual reading may vary under various conditions.

swaged external thread



Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Rope (mm)	Thread Size (m)	D(mm)	L(mm)	L1(mm)
CR-10106-0030-RH	CR-10106-0030-LH	3	M6	6.3	100	48
CR-10108-0040-RH	CR-10108-0040-LH	4	M8	7.4	117	57
CR-10108-0050-RH	CR-10108-0050-LH	5	M8	8.9	124	57
CR-10110-0060-RH	CR-10110-0060-LH	6	M10	12.6	145	63
CR-10112-0080-RH	CR-10112-0080-LH	8	M12	16	180	80
CR-10116-0080-RH	CR-10116-0080-LH	8	M16	16	200	100
CR-10116-0100-RH	CR-10116-0100-LH	10	M16	18	210	100
CR-10120-0100-RH	CR-10120-0100-LH	10	M20	18	230	119
CR-10120-0120-RH	CR-10120-0120-LH	12	M20	20	245	120
CR-10122-0140-RH	CR-10122-0140-LH	14	M22	25	308	140
CR-10124-0160-RH	CR-10124-0160-LH	16	M24	28	363	170

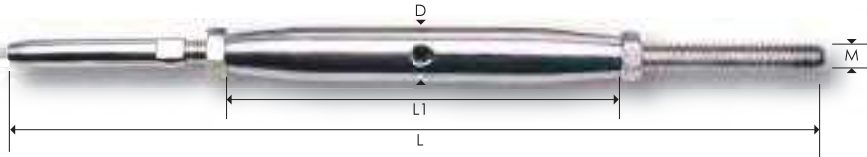
swageless external thread



Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Rope (mm)	Thread Size (m)	L(mm)	L1(mm)	W1(mm)	W2(mm)
CR-10406-0030-RH	CR-10406-0030-LH	3	M6	86	47	10	12
CR-10406-0040-RH	CR-10406-0040-LH	4	M6	95	47	12	14
CR-10408-0050-RH	CR-10408-0050-LH	5	M8	111	57	14	17
CR-10410-0060-RH	CR-10410-0060-LH	6	M10	128	63	17	19
CR-10412-0080-RH	CR-10412-0080-LH	8	M12	162	80	19	24
CR-10416-0100-RH	CR-10416-0100-LH	10	M16	190	100	24	27
CR-10420-0120-RH	CR-10420-0120-LH	12	M20	227	120	27	32
CR-10422-0140-RH	CR-10422-0140-LH	14	M22	264	140	30	36
CR-10424-0160-RH	CR-10424-0160-LH	16	M24	308	170	32	41

note: on-site assembly unit
not suitable for strands.

swaged external thread + turnbuckle



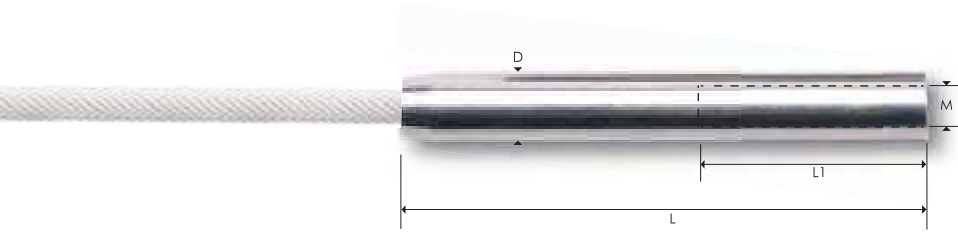
Product Code	Rope (mm)	Thread Size (m)	D(mm)	L1(mm)	L min (mm)	L max (mm)
CR-10206-0030	3	M6	10	93	171	243
CR-10208-0040	4	M8	13	112	193.5	279
CR-10208-0050	5	M8	13	109	200.5	286
CR-10210-0060	6	M10	17	125	238.5	333
CR-10212-0080	8	M12	21	152	290	410
CR-10216-0080	8	M16	26.5	190	340	490
CR-10216-0100	10	M16	26.5	190	350	500
CR-10220-0100	10	M20	33.5	210	380.5	559
CR-10220-0120	12	M20	33.5	210	395	575
CR-10222-0140	14	M22	40	273	511	721
CR-10224-0160	16	M24	42.4	320	598	853

swaged external thread + turnbuckle + swaged external thread



Product Code	Rope (mm)	Thread Size (m)	D(mm)	L1(mm)	L min (mm)	L max (mm)
CR-10306-0030	3	M6	6.3	93	204	274
CR-10308-0040	4	M8	7.5	112	235	305
CR-10308-0050	5	M8	9	109	249	319
CR-10310-0060	6	M10	12.6	125	300	385
CR-10312-0080	8	M12	16	152	370	480
CR-10316-0080	8	M16	16	190	418	548
CR-10316-0100	10	M16	18	190	438	568
CR-10320-0100	10	M20	18	210	465	620
CR-10320-0120	12	M20	20	210	495	650
CR-10322-0140	14	M22	25	273	645	820
CR-10324-0160	16	M24	28	320	745	980

swaged internal thread



Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Rope (mm)	Thread Size (m)	D(mm)	L(mm)	L1(mm)
CR-10505-0030-RH	CR-10505-0030-LH	3	M5	6.5	55	20
CR-10506-0040-RH	CR-10506-0040-LH	4	M6	7.3	65	22
CR-10506-0050-RH	CR-10506-0050-LH	5	M6	9	70	22
CR-10508-0060-RH	CR-10508-0060-LH	6	M8	12.5	85	25
CR-10510-0080-RH	CR-10510-0080-LH	8	M10	16	106	40

screwed internal thread



Product Code Right Hand Thread)	Rope (mm)	Thread Size (m)	D(mm)	L(mm)	L1(mm)
CR-10605-0030-RH	3	M5	11	53	8
CR-10606-0040-RH	4	M6	13	58	9
CR-10606-0050-RH	5	M6	14	65	9
CR-10608-0060-RH	6	M8	16	73	12

note : on-site assemble unit. not suitable for
strands. not advisable against heavy loads

swaged button head



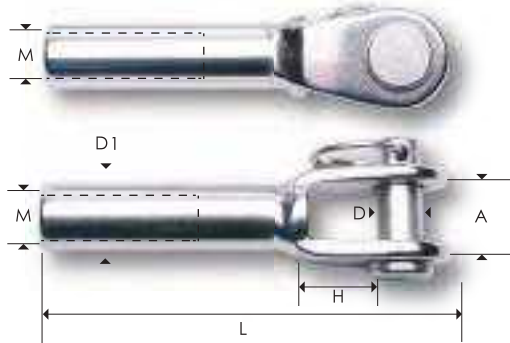
Product Code	Rope (mm)	D(mm)	D1(mm)	L(mm)	L1(mm)
CR-20100-0030	3	7.9	5.4	35	32
CR-20100-0040	4	12.8	7.3	59	55
CR-20100-0050	5	14	9	64.5	60.5
CR-20100-0060	6	18	12.6	77	72

swaged countersunk head



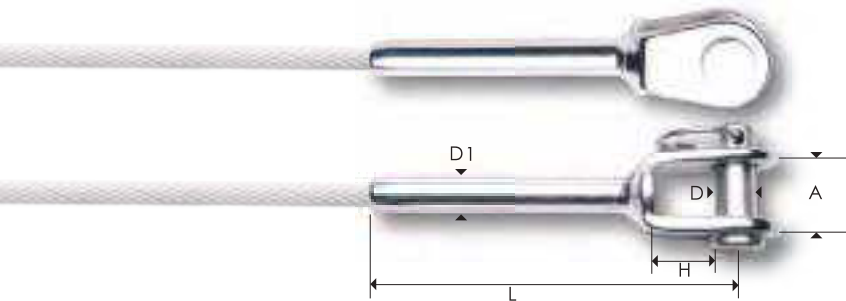
Product Code	Rope (mm)	D(mm)	D1(mm)	L(mm)	L1(mm)
CR-20200-0030	3	8	5.5	35	32
CR-20200-0040	4	10	6.4	35	32
CR-20200-0050	5	11.5	7.5	41	38
CR-20200-0060	6	14	9	52	48

clevis internal thread



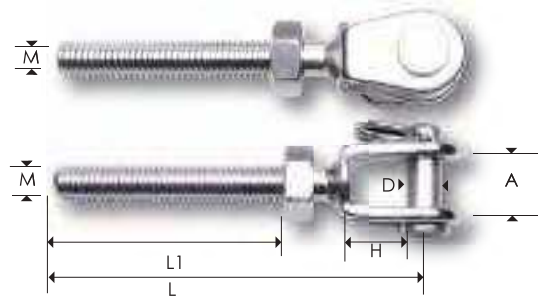
Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Thread Size (m)	D(mm)	D1(mm)	A(mm)	H(mm)	L(mm)
CR-30305-RH	CR-30305-LH	M5	5	7.5	8	10	55
CR-30306-RH	CR-30306-LH	M6	6	8	9	10	60
CR-30308-RH	CR-30308-LH	M8	8	12	10	12	65
CR-30310-RH	CR-30310-LH	M10	10	14	12	14	75

swaged clevis



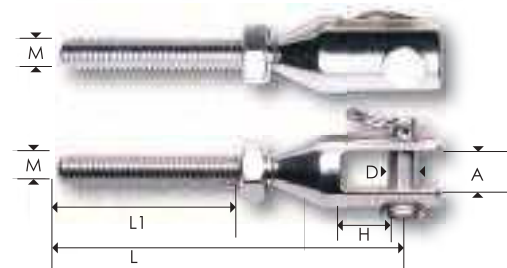
Product Code	Rope (mm)	D(mm)	D1(mm)	A(mm)	H(mm)	L(mm)
CR-30400-0030	3	6	6	8	10.7	64
CR-30400-0040	4	8	8	12	11.5	77
CR-30400-0050	5	9	9	10	14.5	89
CR-30400-0060	6	12	13	15	15.2	107
CR-30400-0080	8	16	16	17	26.5	145
CR-30400-0100	10	20	18	18	20	150
CR-30400-0120	12	23	20	20	23	195
CR-30400-0140	14	30	25	25	30	232
CR-30400-0160	16	30	28	28	30	264
CR-30400-0220	22	40	40.5	40.5	40	350
CR-30400-0260	26	44	46	46	44	430

clevis external thread



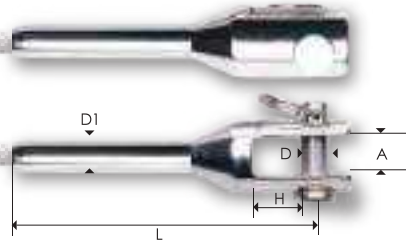
Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Thread Size (m)	D(mm)	A(mm)	H(mm)	L(mm)	L1(mm)
CR-30106-RH	CR-30106-LH	M6	5.7	7.9	10.8	72	48
CR-30108-RH	CR-30108-LH	M8	8	11.8	11.6	82	51
CR-30110-RH	CR-30110-LH	M10	9	13	14	93	59
CR-30112-RH	CR-30112-LH	M12	12	14	20	122	80
CR-30114-RH	CR-30114-LH	M14	12	15	22	126	90
CR-30116-RH	CR-30116-LH	M16	16	17	26	155	100

machined clevis external thread



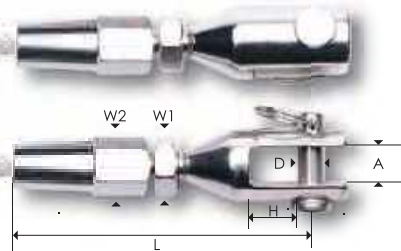
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CR-30206-RH	CR-30206-LH	M6	6	7.5	10	80	48
CR-30208-RH	CR-30208-LH	M8	8	11	11	91	56
CR-30210-RH	CR-30210-LH	M10	9	12	14	105	63
CR-30212-RH	CR-30212-LH	M12	12	14	20	135	80
CR-30214-RH	CR-30214-LH	M14	12	15	22	147	90
CR-30216-RH	CR-30216-LH	M16	16	17	26	170	100
CR-30220-RH	CR-30220-LH	M20	19	20	30	182	119

swaged machined clevis



Product Code	Rope (mm)	D(mm)	D1(mm)	A(mm)	H(mm)	L(mm)
CR-30500-0030	3	6	6.5	7.5	10	73
CR-30500-0040	4	8	7.5	11	11	86
CR-30500-0050	5	9	9	12	16	100
CR-30500-0060	6	12	12	14.6	22	128
CR-30500-0080	8	16	16	17	26	155
CR-30500-0100	10	19	18	20	30	174
CR-30500-0120	12	19	20	23	30	197
CR-30500-0140	14	22	25	30	35	239
CR-30500-0160	16	25	28	30	38	271
CR-30500-0220	22	32	40.5	40	52	377
CR-30500-0260	26	35	46	44	52	434

swageless machined clevis



Product Code	Rope (mm)	D(mm)	A(mm)	H(mm)	L(mm)	W1(mm)	W2(mm)
CR-30600-0030	3	6	6	8	55	14	12
CR-30600-0040	4	8	8	8	62	19	14
CR-30600-0050	5	10	10	10	74	22	17
CR-30600-0060	6	12	12	12	89	27	19
CR-30600-0080	8	14	14	14	108	30	24
CR-30600-0100	10	16	16	16	123	36	27
CR-30600-0120	12	19	18	16	143	42	32
CR-30600-0140	14	22	21	19	165	46	36
CR-30600-0160	16	25	23	22	187	55	41

note : on-site assembly unit. not suitable for strands.

clevis + turnbuckle + swaged external thread



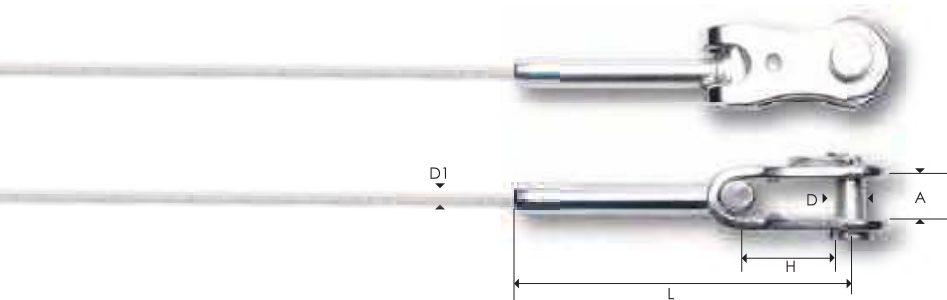
Product Code	Rope (mm)	Thread Size (M)	D(mm)	D1(mm)	A(mm)	H(mm)	L min (mm)	L max (mm)
CR-30706-0030	3	M6	5.7	6.3	7.9	10.8	175	245
CR-30708-0040	4	M8	8	7.5	11.8	11.6	200	275
CR-30708-0050	5	M8	8	9	11.8	11.6	205	280
CR-30710-0060	6	M10	9	12.6	12.5	14.8	245	335
CR-30712-0080	8	M12	12	16.3	13.9	20.6	305	420
CR-30716-0080	8	M16	16	16	17	26	360	500
CR-30716-0100	10	M16	16	18	17	26	370	510
CR-30720-0100	10	M20	19	18	20	30	410	560
CR-30720-0120	12	M20	19	20	23	35	430	580
CR-30722-0140	14	M22	22	25	30	46.5	545	715
CR-30724-0160	16	M24	25	28	30	49	625	855
CR-30730-0220	22	M30	32	40.5	40	62	825	1080

machined clevis + turnbuckle + swaged external thread



Product Code	Rope (mm)	Thread Size (M)	D(mm)	D1(mm)	A(mm)	H(mm)	L min (mm)	L max (mm)
CR-30806-0030	3	M6	6	6.35	7.5	10	180	250
CR-30808-0040	4	M8	8	7.5	11	11	210	285
CR-30808-0050	5	M8	8	8.8	11	11	215	290
CR-30810-0060	6	M10	9	12.6	12	14	255	345
CR-30812-0080	8	M12	12	16	14.7	21	320	430
CR-30816-0080	8	M16	16	16	17	26	370	510
CR-30816-0100	10	M16	16	18	17	26	380	520
CR-30820-0100	10	M20	19	18	20	30	410	560
CR-30820-0120	12	M20	19	20	23	30	425	575
CR-30822-0140	14	M22	22	25	30	35	540	720
CR-30824-0160	16	M24	25	28	30	38	630	860
CR-30830-0220	22	M30	32	40.5	40	52	820	1080

swaged toggle



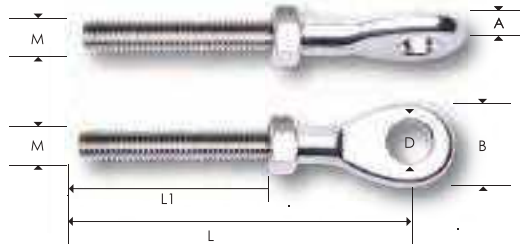
Product Code	Rope (mm)	D(mm)	D1(mm)	A(mm)	H(mm)	L(mm)
CR-31000-0030	3	6	6.35	7	15	75
CR-31000-0040	4	8	7.5	10	20	89
CR-31000-0050	5	9	9	12	25	104
CR-31000-0060	6	12	12.6	15	31	122
CR-31000-0080	8	16	16	17	40	163
CR-31000-0100	10	19	18	20	45	184

toggle + turnbuckle + swaged external thread



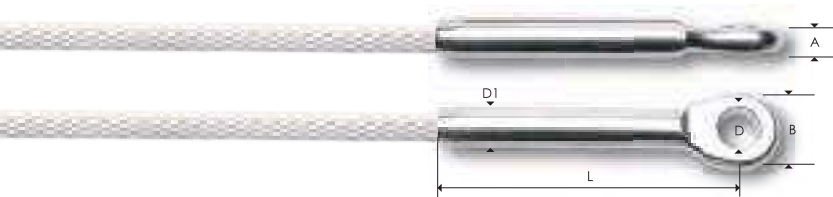
Product Code	Rope (mm)	Thread Size (M)	D(mm)	D1(mm)	A(mm)	H(mm)	L min (mm)	L max (mm)
CR-31106-0030	3	M6	6	6.35	7	15	180	250
CR-31108-0040	4	M8	8	7.5	10	20	210	285
CR-31108-0050	5	M8	8	12.7	11	21	215	290
CR-31110-0060	6	M10	9	12.6	12	25	265	355
CR-31112-0080	8	M12	12	16	13	30	320	430
CR-31116-0100	10	M16	16	18	17	40	400	540
CR-31120-0120	12	M20	19	20	20	45	465	605

■ eye external thread



Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Thread Size (m)	D(mm)	A(mm)	B(mm)	L(mm)	L1(mm)
CR-40106-RH	CR-40106-LH	M6	6.5	4	14	64	43
CR-40108-RH	CR-40108-LH	M8	8.5	5	17	78	56
CR-40110-RH	CR-40110-LH	M10	10.5	6	21	90	63
CR-40112-RH	CR-40112-LH	M12	13	8	26	110	80
CR-40114-RH	CR-40114-LH	M14	13	9	28	124	90
CR-40116-RH	CR-40116-LH	M16	14.5	10	31	133	100
CR-40120-RH	CR-40120-LH	M20	19.5	15	40	164	119

■ swaged eye



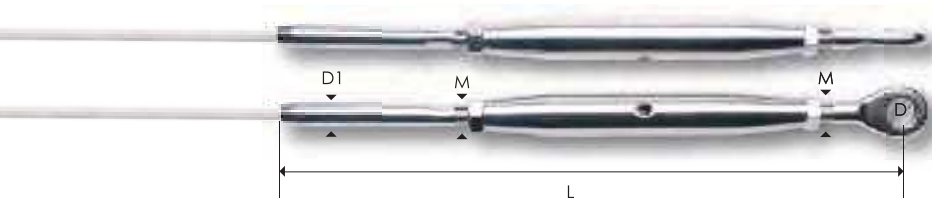
Product Code	Rope (mm)	D(mm)	D1(mm)	A(mm)	B(mm)	L(mm)
CR-40200-0030	3	6.5	6.3	4	14	57
CR-40200-0040	4	8.5	7.5	6	18	63
CR-40200-0050	5	10	9	7	22	79
CR-40200-0060	6	12.5	12.6	8	27	94
CR-40200-0080	8	15	15.8	9	30	124
CR-40200-0100	10	16.5	18	12	36	142
CR-40200-0120	12	19.3	20	16	40	160
CR-40200-0140	14	23	25	18	47	206
CR-40200-0160	16	26	28	20	53	232
CR-40200-0220	22	33	40.5	30	70	348
CR-40200-0260	26	36	46	30	77	400

swageless eye



Product Code	Rope (mm)	D(mm)	A(mm)	L(mm)	W1(mm)	W2(mm)
CR-40300-0030	3	6.3	5.5	50	10	12
CR-40300-0040	4	8.8	7	58	12	14
CR-40300-0050	5	10.3	8	70	14	17
CR-40300-0060	6	13	9	84	17	19
CR-40300-0080	8	14.5	10	103	19	24
CR-40300-0100	10	16.2	13	116	24	27
CR-40300-0120	12	19.5	15	137	27	32
CR-40300-0140	14	22	18	160	30	36
CR-40300-0160	16	25	20	170	32	41

eye + turnbuckle + swaged external thread



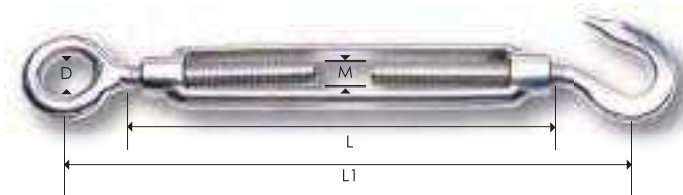
Product Code	Rope (mm)	Thread Size (M)	D(mm)	D1(mm)	L min (mm)	L max (mm)
CR-40406-0030	3	M6	6.5	6.6	175	245
CR-40408-0040	4	M8	8.5	7.5	200	275
CR-40408-0050	5	M8	8.5	9	205	280
CR-40410-0060	6	M10	10.5	12.6	245	335
CR-40412-0080	8	M12	13	16	300	415
CR-40416-0080	8	M16	16	16	345	485
CR-40416-0100	10	M16	16	18	355	495
CR-40420-0100	10	M20	19	18	400	550
CR-40420-0120	12	M20	19	20	415	565
CR-40422-0140	14	M22	22	25	527	708
CR-40424-0160	16	M24	25	28	613	846
CR-40430-0220	22	M30	32	40.5	777	1057
CR-40436-0260	26	M36	36	46	873	1150

clevis + open turnbuckle + clevis



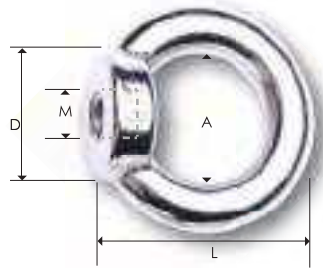
Product Code	Thread Size (m)	D(mm)	A(mm)	H(mm)	L(mm)
CR-30906	M6	5.7	7.9	10.8	90
CR-30908	M8	8	11	11	120
CR-30910	M10	9	12	14	150
CR-30912	M12	12	14	20	200
CR-30914	M14	12	15	22	220
CR-30916	M16	16	17	26	250
CR-30920	M20	19	20	30	300

eye + open turnbuckle + hook



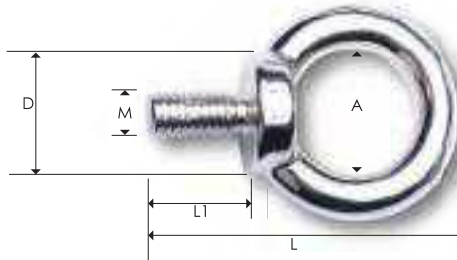
Product Code	Thread Size (M)	D(mm)	L(mm)	L1(mm)
CR-40506	M6	16.4	92	120
CR-40508	M8	11.9	120	170
CR-40510	M10	16	150	240
CR-40512	M12	18	200	300
CR-40516	M16	25	250	600
CR-40520	M20	30	300	900

■ eye nut



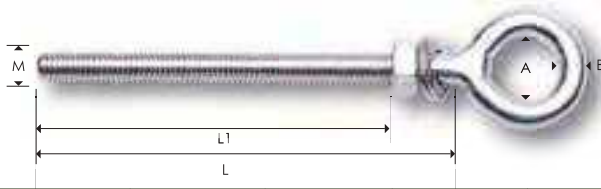
Product Code	Thread Size (M)	D(mm)	A(mm)	L(mm)
CR-40606	M6	16	16	27
CR-40608	M8	20	20	35
CR-40610	M10	25	25	45
CR-40612	M12	30	30	53
CR-40616	M16	35	35	62
CR-40620	M20	40	40	71
CR-40624	M24	50	50	90
CR-40630	M30	65	65	109
CR-40636	M36	73	73	128

■ eye bolt



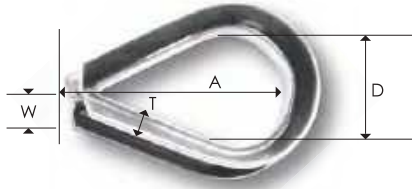
Product Code	Thread Size (M)	D(mm)	A(mm)	L(mm)	L1(mm)
CR-40706	M6	16	16	40	13
CR-40708	M8	20	20	48	13
CR-40710	M10	24	25	60	16
CR-40712	M12	29	29	74	21
CR-40716	M16	33	35	88	26
CR-40720	M20	40	40	72	30
CR-40724	M24	50	50	90	36
CR-40730	M30	65	60	109	45
CR-40736	M36	80	68	127	50

eye screw



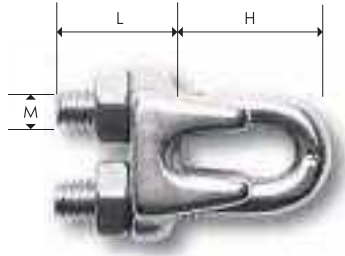
Product Code	Thread Size (M)	A(mm)	B(mm)	L(mm)	L1(mm)
CR-40806-030	M6	6.3	7	40	30
CR-40806-035	M6	6.3	7	50	35
CR-40806-040	M6	6.3	7	60	40
CR-40808-040	M8	6.3	9	60	40
CR-40808-055	M8	8.4	9	80	55
CR-40808-065	M8	8.4	9	100	65
CR-40810-055	M10	10.2	11	80	55
CR-40810-065	M10	10.2	11	100	65
CR-40810-080	M10	10.2	11	120	80
CR-40812-065	M12	12.1	13	100	65
CR-40812-080	M12	12.1	13	120	80

thimble



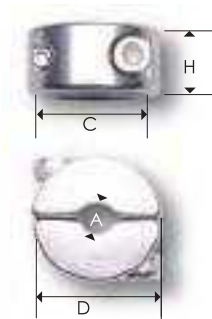
Product Code	Rope (mm)	D(mm)	A(mm)	W(mm)	T(mm)
CR-50100-0040	4	11	18	4	0.8
CR-50100-0050	5	13	29	5.5	1.2
CR-50100-0060	6	15	25	6.5	1.2
CR-50100-0080	8	18	33	9	1.5
CR-50100-0100	10	23	41	11	2
CR-50100-0120	12	27	48	14	2
CR-50100-0140	14	34	53	15	2.5
CR-50100-0160	16	36	57	17	3
CR-50100-0180	18	40	67	19	3
CR-50100-0200	20	45	75	22	4

rope clip



Product Code	Rope (mm)	Thread Size (M)	A(mm)	H(mm)	L(mm)
CR-50200-0030	3	M4	17	9	14
CR-50200-0040	4	M4	19	11	16
CR-50200-0050	5	M5	24	11	16
CR-50200-0060	6	M6	27	13	18
CR-50200-0080	8	M8	34	16	25
CR-50200-0100	10	M10	45	25	28
CR-50200-0120	12	M12	51	20	43
CR-50200-0140	14	M12	53	32	40
CR-50200-0160	16	M14	60	36	45
CR-50200-0180	18	M14	62	40	50

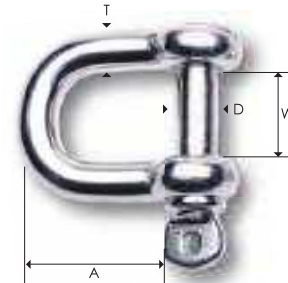
light clamp stopper



Product Code	Rope (mm)	D(mm)	A(mm)	C(mm)	H(mm)
CR-50300-0020	2	15	2	8	10
CR-50300-0030	3	15	3	8	10
CR-50300-0040	4	15	4	8	10
CR-50300-0050	5	20	5	10	10
CR-50300-0060	6	20	6	10	10
CR-50300-0080	8	23	8	12	10

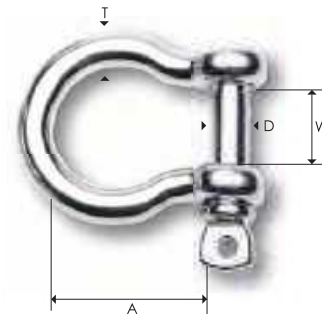
straight shackle

Product Code	D(mm)	A(mm)	W(mm)	T(mm)
CR-50500-040	4	14	8	4
CR-50500-050	5	17.5	10	5
CR-50500-060	6	21	12	6
CR-50500-080	8	28	17.4	8
CR-50500-100	10	35	19.5	10
CR-50500-120	12	42	24	12
CR-50500-140	14	49	28	14
CR-50500-160	16	56	33.3	16
CR-50500-180	18	63	36	18
CR-50500-200	20	70	41.6	20
CR-50500-220	22	77	44	22
CR-50500-250	25	87.5	50	25
CR-50500-320	32	112	64	32

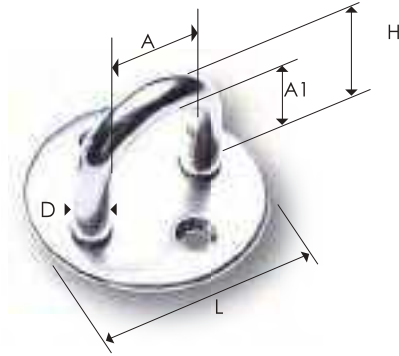


bowed shackle

Product Code	D(mm)	A(mm)	W(mm)	T(mm)
CR-50600-040	4	14	8	4
CR-50600-050	5	17.5	10	5
CR-50600-060	6	21	12	6
CR-50600-080	8	28	16	8
CR-50600-100	10	35	22	10
CR-50600-120	12	42	24	12
CR-50600-140	14	49	28	14
CR-50600-160	16	56	22	12
CR-50600-180	18	52	29	15
CR-50600-220	22	77	44	22
CR-50600-250	25	87.5	50	25

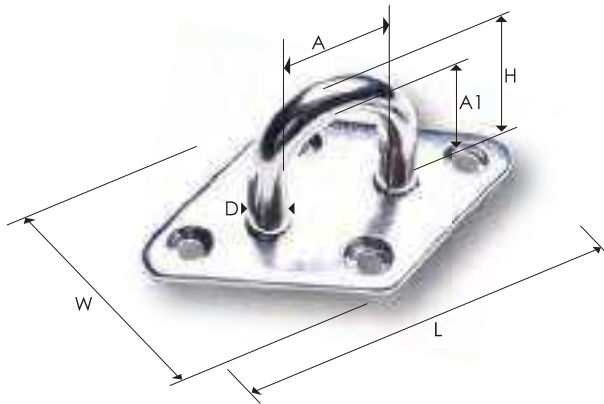


■ round pad + eye



Product Code	D(mm)	A(mm)	A1(mm)	L(mm)	H(mm)
CR-61000-050	5	14	12	35	19
CR-61000-060	6	18	17	40	26
CR-61000-080	8	20	22	50	33

■ diamond pad + eye



Product Code	D(mm)	A(mm)	A1(mm)	L(mm)	W(mm)	H(mm)
CR-61100-050	5	11	12	35	60	20
CR-61100-060	6	15	15	40	65	26
CR-61100-080	8	18	20	50	80	32

flat washer

Product Code	Thread Size (M)
CR-60303	M3
CR-60304	M4
CR-60305	M5
CR-60306	M6
CR-60308	M8
CR-60310	M10
CR-60312	M12
CR-60316	M16



angled washer

Product Code	D1(mm)	D(mm)
CR-60400-060	6.3	16
CR-60400-080	8.5	18
CR-60400-100	10.5	25
CR-60400-120	12.5	25
CR-60400-160	17.5	32



note : standard angled washer comes with 35° / 45°. Special angles and angled washer for round pole available on request.

hexagon nut

Product Code (Right Hand Thread)	Product Code (Left Hand Thread)	Thread Size (M)
CR-60503-RH	CR-60503-LH	M3
CR-60504-RH	CR-60504-LH	M4
CR-60505-RH	CR-60505-LH	M5
CR-60506-RH	CR-60506-LH	M6
CR-60508-RH	CR-60508-LH	M8
CR-60510-RH	CR-60510-LH	M10
CR-60512-RH	CR-60512-LH	M12
CR-60516-RH	CR-60516-LH	M16
CR-60520-RH	CR-60520-LH	M20
CR-60522-RH	CR-60522-LH	M22
CR-60524-RH	CR-60524-LH	M24
CR-60530-RH	CR-60530-LH	M30
CR-60536-RH	CR-60536-LH	M36

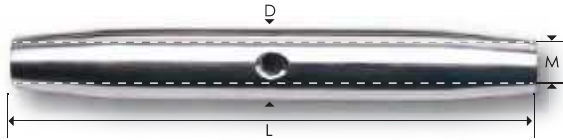


dome nut

Product Code	Thread Size (M)
CR-60603	M3
CR-60604	M4
CR-60605	M5
CR-60606	M6
CR-60608	M8
CR-60610	M10
CR-60612	M12
CR-60616	M16
CR-60620	M20
CR-60622	M22
CR-60624	M24
CR-60630	M30
CR-60636	M36



turnbuckle



Product Code	Thread Size (M)	D(mm)	L(mm)
CR-60706	M6	9	93
CR-60708	M8	13	112
CR-60710	M10	17	125
CR-60712	M12	21	152
CR-60716	M16	33.5	210
CR-60720	M20	40	273
CR-60722	M22	42.4	320
CR-60724	M24	55	345
CR-60730	M30	55	380
CR-60736	M36	64	410

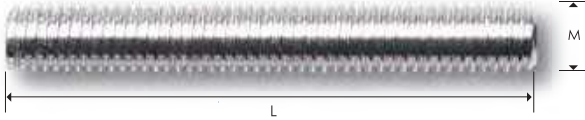
note : alternative cylindrical short turnbuckle available on request (for M6, M8 and M10 only).

cross clamp



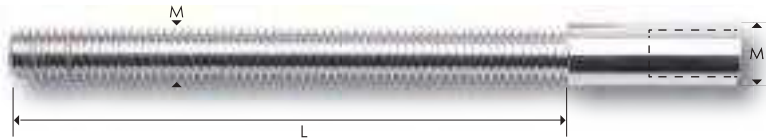
Product Code	Rope (mm)	Thread Size (M)	D(mm)	L(mm)	L1(mm)	L2(mm)	A(mm)
CR-50400-0030	3	M10	17	19	5	8	3.2
CR-50400-0040	4	M12	19	21	4	7.5	4.2
CR-50400-0050	5	M12	20	23	5	10	5.2
CR-50400-0060	6	M12	20	25	5	10	6.2
CR-50400-0080	8	M16	24	36	6	14	8.3

thread rod



Product Code	Thread Size (M)	L max (mm)
CR-60103	M3	2000
CR-60104	M4	2000
CR-60105	M5	2000
CR-60106	M6	2000
CR-60108	M8	2000
CR-60110	M10	2000
CR-60112	M12	2000
CR-60116	M16	2000

extended thread



Product Code	Thread Size (M)	L max (mm)
CR-60203	M3	60
CR-60204	M4	60
CR-60205	M5	80
CR-60206	M6	90
CR-60208	M8	120
CR-60210	M10	120
CR-60212	M12	200
CR-60216	M16	200

note : custom L parts available on request.







dealer

vesta • inovas

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