



JIANGSU HUAJIE STAINLESS TEEL PRODUCTS CO.,LTD  
Add:Town Dainan,Xinghua City,Jiangsu Province,China 225721  
Telephone: [0086 523 8390 1012](tel:008652383901012) Facsimile: [0086 523 8378 4202](tel:008652383784202)  
Website: [www.jshjbxg.com](http://www.jshjbxg.com) Email: [sales1@jshjbxg.com](mailto:sales1@jshjbxg.com)

JIANGSU HUAJIE STAINLESS STEEL PRODUCTS CO.,LTD

specializes in Stainless steel grade 304 and 316 hardware manufacturting. Production include precision casting, hot forging and machinning. Product include special OEM manufacturing for Architecture, such as handrail fitting, turnbuckles, glass fitting and wire terminals. Marine hardware productions such as stainless snap shackles, wire terminals, anchors, cleat and special designed marine fitting.

Our stainless steel production focuses on four principal processes. Although a variety of additional finishing processes may be used on the end product, the main forming methods of stainless steel remain: Casting, Forging, Press forming, and Machining.

### *Principal Stainless Steel Forming Methods:*

#### *1) Casting*

Casting (or lost wax casting) as its name implies, utilizes the free shape forming of wax followed by 5 layers of ceramic shell made of silicon mallet sand. Each layer of ceramic shell applied is of a different grade; they must cover thoroughly and be dry before the next layer is added on the top of the previous layer. When all five layers of ceramic are formed securely, the wax inside the ceramic is removed using steam, heat and pressure. Molten stainless steel is then poured into the ceramic moldings for the product to take shape.



#### *2) Forging*

Forging utilizes mainly round bar sections, heated to 1020C forging temperature. At this temperature, the stainless is soft enough for press forming, but does not melt. Using high compression and dies, the required form of the product can be produced. The Advantages of Forging components is its strength. The molecules are highly compacted to form very high-strength components. The disadvantages of Forging components are the limited forms and shapes as well as high molding costs.



#### *3.) Press Forming*

Press forming refers to using processed sheets to compression "cut" by means of a Press. This form of manufacturing can be very economical as form sheets can be bent into any desired shape. However the disadvantages are the limited thickness as well as high molding cost. A variety of after-forming processes, including welding and assembly, can be added to Press forming products to achieve the desired end product.



#### 4) Machining

Machining consist of taking a solid block of Stainless steel, or a round bar section, and by means of cutting/ carving, called Turning and Milling, the desired object is achieved. Just about any shape or form can be achieved by the combination of these two processes. Never-the-less these are not ideal manufacturing procedures and depending on the form required, it may take several hours just to achieve one single item. However, in some cases and depending on the shape of the required product, machining may be the most economical and fastest production method. Also, due to the fact that machining is always done from a wrought-worked block of stainless steel or a solid round bar, the strength on the final product may be as high as that of forged products.



To overcome the constraints of one single forming method, a production design with a combination of production methods is the best solution. Please notify us in advance whenever possible when you need assistance in designing your desired product. This will reduce tool costs as well as time in production.

#### Finish Details:

##### 1) Threading

Threading can be classified in general as internal threading or external threading.

**In internal threading**, threads are on the inside of a circular tube and this process is referred to as Tapping. Tapping is usually preceded by drilling to achieve the specified dimensions before the internal threads are tapped.



**External threads** may be produced by Rolling or Cutting. In rolling, the bar is pre-finished to specified dimensions, and using compression of two roller dies the thread is pressed into form. These threads are easy to press and are on average 25% stronger than a Cut thread. However, Roller threads require more expensive equipment and more product. Cut threads are on the other hand produced by a simple turning machine. The cost of production per unit may be high, but it is the most economical method when quantities of required pieces are small or very odd-thread specifications are required.



##### 2) Welding

Welding stainless steel is more critical than normal steel welding. In order to protect contaminating the exposed surface of heated stainless steel, a protective layer of Argon is applied. Further Fillers may be added to extend the strength of the desired products. The two most common welding processes are TIG and MIG welding. MIG uses a higher temperature and thus results in a stronger and more expensive weld.



##### 3) Surface Finish

Surface finish is one of the most critical areas of product design; it will determine how end users perceive the value of the product as well as product resistance to the environment and tea stain. Deciding on a product's finished surface is best achieved by considering the environment where the item will be used. As a general rule of thumb, the finer the surface, the more the cost of manufacturing as well as better Corrosion resistance.

- a.) **Mirror polished finish** is the most expensive of all finishes. It involves several layers of fine grinding and waxing to arrive at a mirror exterior. Due to the fine finish it is least



susceptible to tea stain forming. For this reason marine fittings, which are exposed to sea water, are finished this way.

**Machine finish** is turned (cut) on a Lathe. This results in a very uniform, lined finish and thus has a very mechanical look to it. Matt finish is polished by a satin grade of 800 rollers; it provides a non-reflective surface similar to Machined finish.

**Sand blasting finish** uses a combination of blast elements; most popular are glass beads to uniformly destroy the surface; light is then reflected from within the spherically dented surface created by the blasting. This surface is very popular for interior designers for its aesthetic affect as well as its finger-print-resistant feature.

**d.) Electro polished finish** uses electricity in a tank of chemicals. Similar to a wet battery setup, the outer layer of molecules of the stainless steel product is peeled away exposing the Chromium molecules resulting in a shining and corrosion-resistance finish.

#### **4) Passivation**

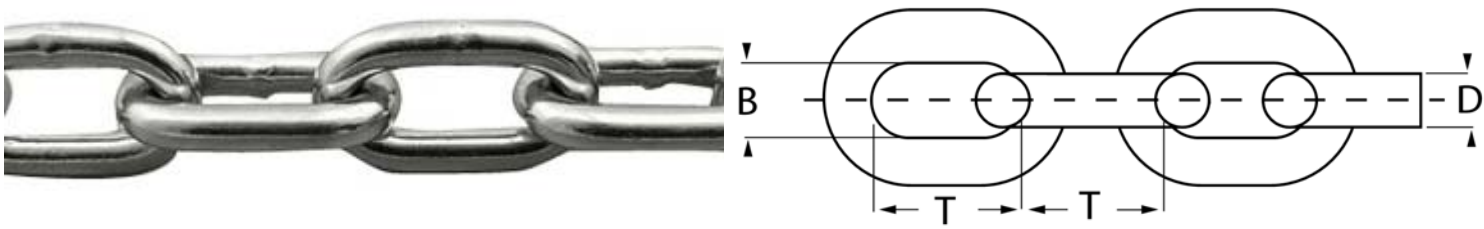
Passivation is the process of making a material "passive" in relation to other contaminants. In stainless steel this is achieved by rinsing the items with a dilute solution of nitric acid and peroxide alternating with deionized water. The nitric acid and peroxide oxidizes and dissolves any impurities on the exposed surface of the stainless fitting, and the deionized water rinses away the acid and oxidized impurities. This process adds an extra layer of protection to Stainless steels surfaces.

Once a stainless steel product goes through the above main forming methods, a variety of finishing details will follow. In this section we will cover the most common methods of stainless steel finishing processes.

**Requesting a quotation** is simple: send us a physical sample or electronic drawing in .dwg / pdf file of the product you are after together with the following information:

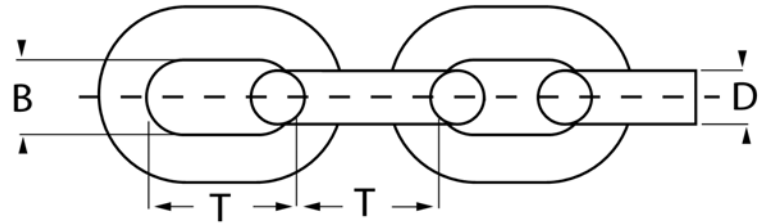
- a.) Quantity**
- b.) Name of material**
- c.) Method of manufacturing**
- d.) Grade or UNS number**
- e.) Tolerances**
- f.) Heat treatment**
- g.) End finish required**
- h.) Surface conditions**
- i.) Test report required**
- j.) Packaging methods**
- k.) Shipment methods**

Should you not have the above information, we will work with you to determine a best value format to suit your needs. The more detailed information we receive in regard to the use of the item will allow us to better suggest production methods to maximize value and reduce production time.



**DIN5685A Short Link Chain  
Stainless Steel AISI316**

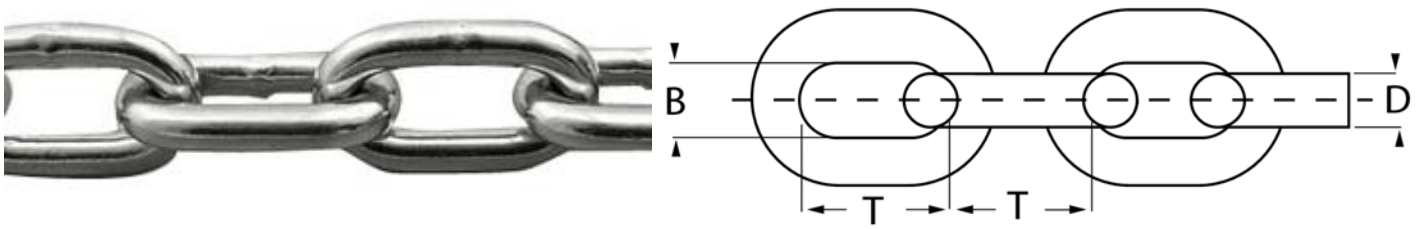
Art No.	Size(D) (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0201-0002	2	12	4	0.071
MR0201-0025	2.5	14	5	0.114
MR0201-0003	3	12	6	0.165
MR0201-0004	4	19	8	0.3
MR0201-0005	5	21	10	0.5
MR0201-0006	6	24	12	0.73
MR0201-0007	7	28	14	1
MR0201-0008	8	32	16	1.3
MR0201-0009	9	36	18	1.65
MR0201-0010	10	40	20	2.05
MR0201-0013	13	52	26	3.45



**DIN766 Link Chain  
Stainless Steel AISI316**

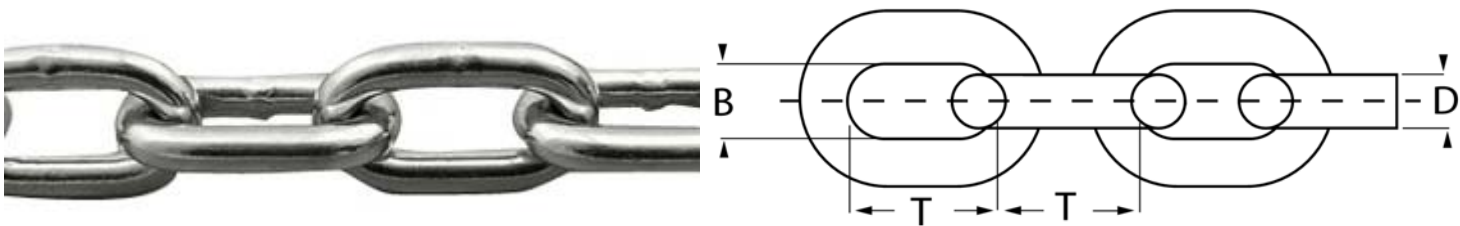
Art No.	Size(D) (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0202-0002	2	12	3.5	0.07
MR0202-0003	3	16	5	0.163
MR0202-0004	4	16	5	0.32
MR0202-0005	5	18.5	6	0.5
MR0202-0006	6	18.5	7.2	0.8
MR0202-0007	7	22	8.4	1.1
MR0202-0008	8	24	9.6	1.4
MR0202-0009	9	27	10.8	1.8
MR0202-0010	10	28	12	2.3
MR0202-0013	13	36	15.6	3.8
MR0202-0016	16	45	19.2	5.7





**DIN763 Link Chain**  
**Stainless Steel AISI316**

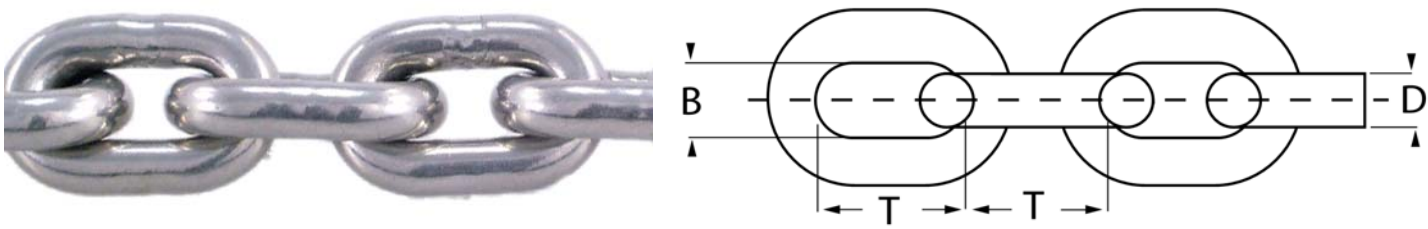
Art No.	Size(D) (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0203-0002	2	22	4	0.061
MR0203-0025	2.5	24	5	0.1
MR0203-0003	3	26	6	0.15
MR0203-0035	3.5	28	7	0.2
MR0203-0004	4	32	8	0.27
MR0203-0045	4.5	34	9	0.35
MR0203-0005	5	35	10	0.43
MR0203-0006	6	42	12	0.63
MR0203-0007	7	49	14	0.86
MR0203-0008	8	52	16	1.1
MR0203-0009	9	59	18	1.41
MR0203-0013	13	85	26	2.95
MR0203-0016	16	100	32	4.45



**Australia Standard Link Chain**  
**Stainless Steel AISI316**

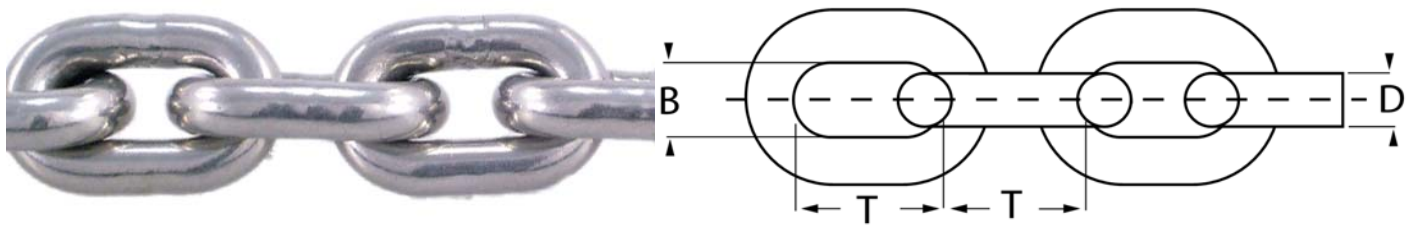
Art No.	Size(D) (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0204-0004	4	18.6	8	0.32
MR0204-0005	5	22	9.4	0.50
MR0204-0006	6	26	11.5	0.70
MR0204-0008	8	32.2	13.5	1.28
MR0204-0010	10	39	16.2	2.06
MR0204-0012	12	46	20	2.94
MR0204-0013	13	49.1	20.1	3.36
MR0204-0016	16	59.6	24.5	4.95





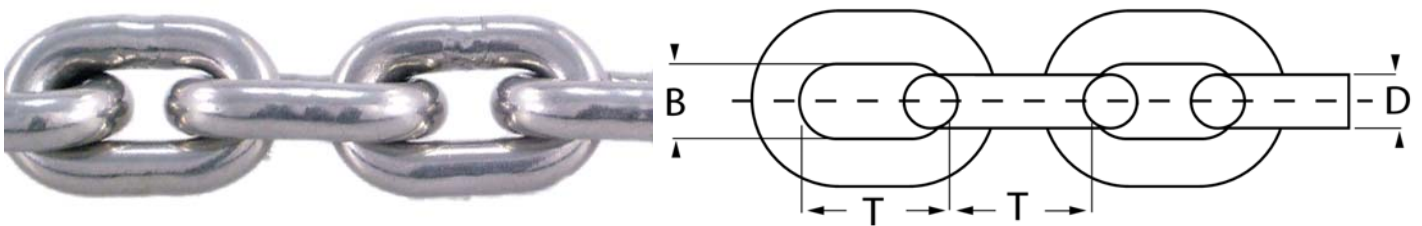
**ASTM80 Standard Link Chain  
Stainless Steel AISI 316**

Art No.	Size (mm)	D (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0205-0003	1/8"	0.16"	0.90"	0.28"	0.29
MR0205-0005	3/16"	0.21"	0.94"	0.40"	0.60
MR0205-0006	1/4"	0.28"	1.00"	0.50"	1.07
MR0205-0008	5/16"	0.34"	1.10"	0.50"	1.57
MR0205-0010	3/8"	0.39"	1.22"	0.62"	2.30
MR0205-0012	1/2"	0.51"	1.56"	0.72"	4.00



**NACM84/90 Standard Link Chain  
Stainless Steel AISI 316**

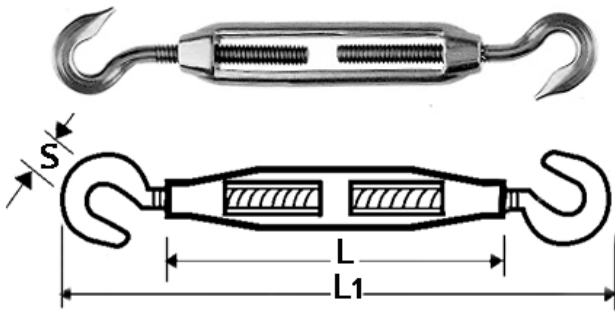
Art No.	Size (mm)	D (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0206-0003	1/8"	0.16"	0.90"	0.28"	0.29
MR0206-0005	3/16"	0.21"	0.94"	0.40"	0.60
MR0206-0006	1/4"	0.28"	1.15"	0.43"	0.98
MR0206-0008	5/16"	0.34"	1.24"	0.49"	1.28
MR0206-0010	3/8"	0.39"	1.32"	0.60"	2.12
MR0206-0012	1/2"	0.51"	1.72"	0.78"	3.61



**Anchor (BBB) Chain  
Stainless Steel AISI 316**

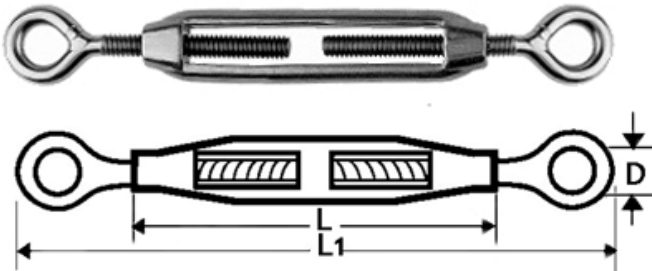
Art No.	Size (mm)	D (mm)	T (mm)	B (mm)	Weight (kg/M)
MR0207-0006	1/4"	0.28"	0.87"	0.36"	1.13
MR0207-0008	5/16"	0.32"	0.95"	0.41"	1.40
MR0207-0010	3/8"	0.39"	1.10"	0.54"	2.38
MR0207-0012	1/2"	0.51"	1.38"	0.74"	4.08





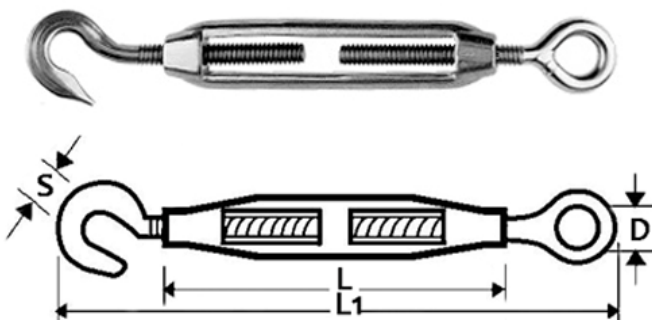
**Europe Type Turnbuckle Hook&Hook  
High Polished Stainless Steel - AISI 316**

Art No.	Size	L (mm)	L1 (mm)	S (mm)	Weight (kgs)	WLL (kg)
MR0101-0105	M5	70	120	8	0.05	40
MR0101-0106	M6	90	150	9	0.08	80
MR0101-0108	M8	120	200	11	0.17	140
MR0101-0110	M10	150	240	12	0.28	220
MR0101-0112	M12	200	310	14	0.52	300
MR0101-0116	M16	250	390	16	1.20	600
MR0101-0120	M20	300	440	18	2.15	900



**Europe Type Turnbuckle Eye&Eye  
High Polished Stainless Steel - AISI 316**

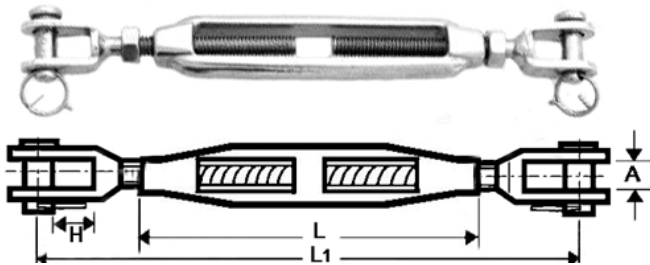
Art No.	Size	L (mm)	L1 (mm)	D (mm)	Weight (kgs)	WLL (kg)
MR0101-0205	M5	70	120	8	0.05	40
MR0101-0206	M6	90	150	10	0.08	80
MR0101-0208	M8	120	200	14	0.17	140
MR0101-0210	M10	150	240	16	0.28	220
MR0101-0212	M12	200	310	18	0.52	300
MR0101-0216	M16	250	390	25	1.20	600
MR0101-0220	M20	300	440	30	2.15	900



**Europe Type Turnbuckle Hook&Eye  
High Polished Stainless Steel - AISI 316**

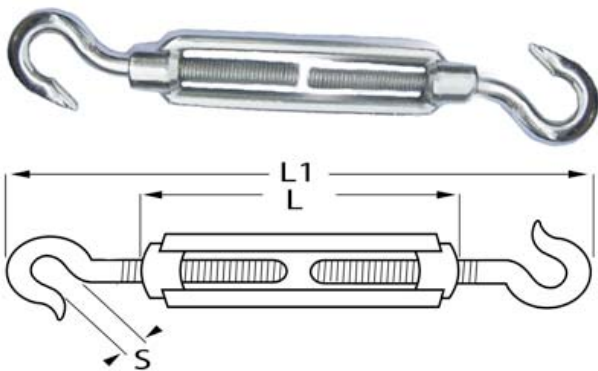


Art No.	Size	L	L1	D	S	Weight	WLL
		(mm)	(mm)	(mm)	(mm)	(kgs)	(kg)
MR0101-0305	M5	70	120	8	8	0.05	40
MR0101-0306	M6	90	150	10	9	0.08	80
MR0101-0308	M8	120	200	14	11	0.17	140
MR0101-0310	M10	150	240	16	12	0.28	220
MR0101-0312	M12	200	310	18	14	0.52	300
MR0101-0316	M16	250	390	25	16	1.20	600
MR0101-0320	M20	300	440	30	18	2.15	900



**Europe Type Turnbuckle Jaw&Jaw  
High Polished Stainless Steel - AISI 316**

Art No.	Size	L	L1	A	H	Weight	WLL
		(mm)	(mm)	(mm)	(mm)	(kgs)	(kg)
MR0101-0405	M5	70	120	6.5	10	0.05	40
MR0101-0406	M6	90	140	7.5	10	0.08	80
MR0101-0408	M8	120	180	11	11	0.17	140
MR0101-0410	M10	150	220	12	14	0.28	220
MR0101-0412	M12	200	300	14	20	0.52	300
MR0101-0416	M16	250	375	17	26	1.20	600
MR0101-0420	M20	300	450	20	30	2.15	900

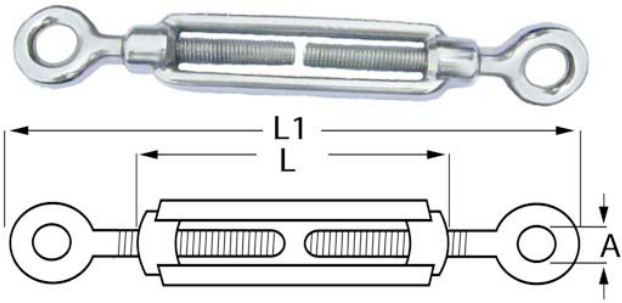


**DIN1480 Turnbuckle Hook&Hook  
High Polished Stainless Steel - AISI 316**

Art No.	Size	L	L1	S	Weight	WLL
		(mm)	(mm)	(mm)	(kgs)	(kg)
MR0101-0505	M5	90	140	7	0.05	40
MR0101-0506	M6	110	170	9	0.08	80
MR0101-0508	M8	110	180	10	0.17	140
MR0101-0510	M10	125	210	11	0.28	220
MR0101-0512	M12	125	240	14	0.52	300
MR0101-0516	M16	170	320	18	1.20	600
MR0101-0520	M20	200	370	20	2.15	900

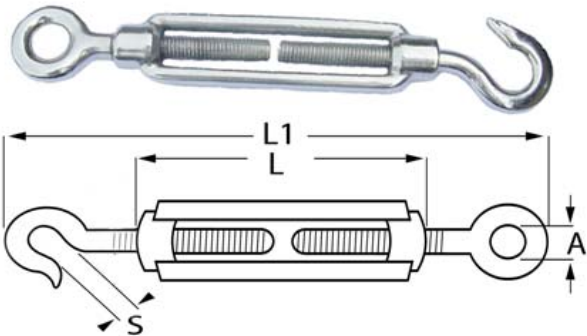






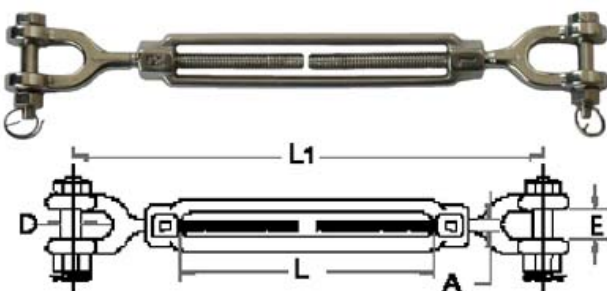
**DIN1480 Turnbuckle Eye&Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size(D)	L (mm)	L1 (mm)	A (mm)	Weight (kgs)	WLL (kg)
MR0101-0605	M5	90	140	8	0.05	40
MR0101-0606	M6	110	170	10	0.08	80
MR0101-0608	M8	110	180	12	0.17	140
MR0101-0610	M10	125	210	14	0.28	220
MR0101-0612	M12	125	240	18	0.52	300
MR0101-0616	M16	170	320	22	1.20	600
MR0101-0620	M20	200	370	25	2.15	900



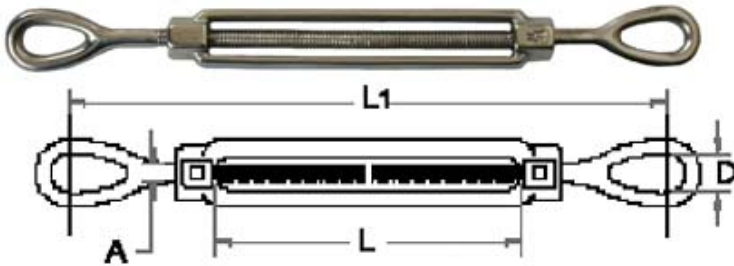
**DIN1480 Turnbuckle Eye&Hook**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size(D)	L (mm)	L1 (mm)	A (mm)	S (mm)	Weight (kgs)	WLL (kg)
MR0101-0705	M5	90	140	8	7	0.05	40
MR0101-0706	M6	110	170	10	9	0.08	80
MR0101-0708	M8	110	180	12	10	0.17	140
MR0101-0710	M10	125	210	14	11	0.28	220
MR0101-0712	M12	125	240	18	14	0.52	300
MR0101-0716	M16	170	320	22	18	1.20	600
MR0101-0720	M20	200	370	25	20	2.15	900



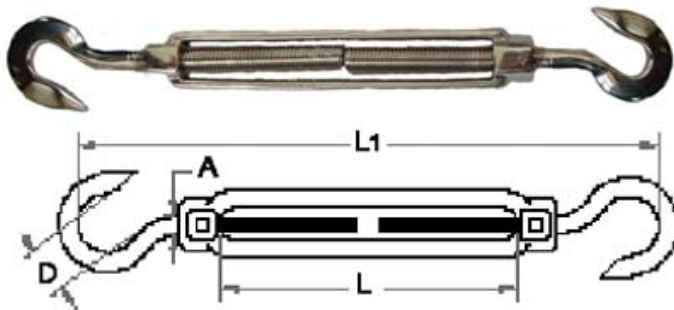
**US Type Turnbuckle Jaw&Jaw  
High Polished Stainless Steel - AISI 316**

Art No.	Size(A)	L	L1	D	E	WT (lbs)	WLL (lbs)
MR0101-5106	1/4"	4.00"	7.75"	0.25"	0.44"	0.45	500
MR0101-5108	5/16"	4.50"	9.00"	0.25"	0.50"	0.65	800
MR0101-5110	3/8"	6.00"	10.63"	0.31"	0.56"	0.90	1200
MR0101-5112	1/2"	6.00"	12.00"	0.38"	0.63"	1.60	2200
MR0101-5116	5/8"	6.00"	13.50"	0.50"	0.75"	3.05	3500
MR0101-5120	3/4"	6.00"	15.00"	0.63"	1.00"	4.25	5200
MR0101-5125	1"	6.00"	18.00"	0.88"	1.25"	10.59	8000
MR0101-5126	1"	12.00"	24.00"	0.88"	1.25"	12.66	8000
MR0101-5132	1-1/4"	12.00"	26.63"	1.13"	1.88"	22.32	12500



**US Type Turnbuckle Eye&Eye  
High Polished Stainless Steel - AISI 316**

Art No.	Size(A)	L	L1	D	WT (lbs)	WLL (lbs)
MR0101-5206	1/4"	4.00"	8.00"	0.33"	0.30	500
MR0101-5208	5/16"	4.50"	9.25"	0.41"	0.50	800
MR0101-5210	3/8"	6.00"	11.50"	0.50"	0.85	1200
MR0101-5212	1/2"	6.00"	13.00"	0.75"	1.30	2200
MR0101-5216	5/8"	6.00"	14.50"	0.87"	2.30	3500
MR0101-5220	3/4"	6.00"	16.25"	1.00"	3.50	5200
MR0101-5225	1"	6.00"	20.00"	1.38"	8.85	8000
MR0101-5226	1"	12.00"	25.50"	1.38"	10.91	8000
MR0101-5232	1-1/4"	12.00"	28.38"	1.71"	17.60	12500



**US Type Turnbuckle Hook&Hook  
High Polished Stainless Steel - AISI 316**



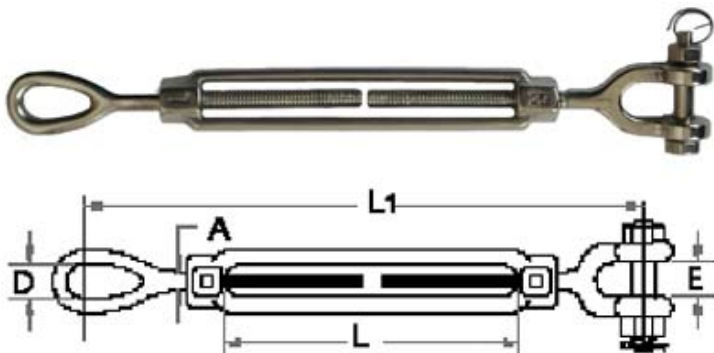


Art No.	Size(A)	L	L1	D	WT	WLL
					(lbs)	(lbs)
MR0101-5306	1/4"	4.00"	6.87"	0.39"	0.22	300
MR0101-5308	5/16"	4.50"	7.75"	0.44"	0.35	500
MR0101-5310	3/8"	6.00"	10.37"	0.52"	0.60	750
MR0101-5312	1/2"	6.00"	10.50"	0.55"	1.10	1050
MR0101-5316	5/8"	6.00"	14.25"	0.57"	1.90	1600
MR0101-5320	3/4"	6.00"	14.25"	0.90"	2.75	2000



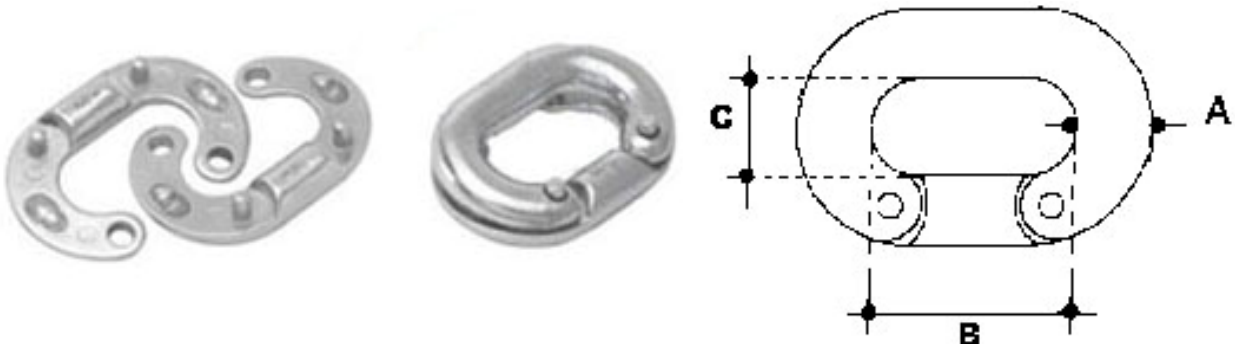
**US Type Turnbuckle Eye&Hook**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size(A)	L	L1	D	E	WT	WLL
						(lbs)	(lbs)
MR0101-5406	1/4"	4.00"	7.50"	0.33"	0.39"	0.25	300
MR0101-5408	5/16"	4.50"	8.50"	0.41"	0.44"	0.45	500
MR0101-5410	3/8"	6.00"	10.75"	0.51"	0.52"	0.67	750
MR0101-5412	1/2"	6.00"	12.00"	0.75"	0.55"	1.00	1050
MR0101-5416	5/8"	6.00"	13.50"	0.87"	0.57"	2.00	1600
MR0101-5420	3/4"	6.00"	15.50"	1.00"	0.90"	3.00	2000



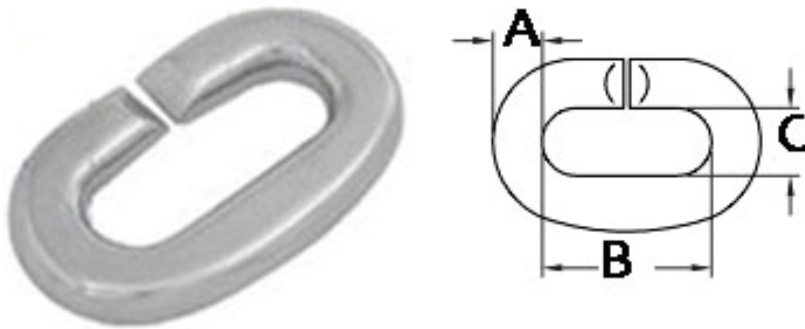
**US Type Turnbuckle Eye&Jaw**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size(A)	B	C	D	E	WT	WLL
						(lbs)	(lbs)
MR0101-5506	1/4"	4.00"	7.88"	0.33"	0.44"	0.35	500
MR0101-5508	5/16"	4.50"	9.25"	0.41"	0.50"	0.60	800
MR0101-5510	3/8"	6.00"	11.00"	0.50"	0.56"	0.00	1200
MR0101-5512	1/2"	6.00"	12.50"	0.75"	0.63"	1.00	2200
MR0101-5516	5/8"	6.00"	14.00"	0.87"	0.75"	2.00	3500
MR0101-5520	3/4"	6.00"	15.63"	1.00"	1.00"	4.00	5200
MR0101-5525	1"	6.00"	19.00"	1.38"	1.25"	9.66	8000
MR0101-5526	1"	12.00"	25.00"	1.38"	1.25"	1.00	8000
MR0101-5532	1-1/4"	12.00"	27.50"	1.71"	1.88"	19.96	12,



**Connecting Link  
Stainless Steel AISI316**

Art No.	Size	A (mm)	B (mm)	C (mm)
MR0208-0005	3/16"	5	17.5	8.5
MR0208-0006	1/4"	6	21	10.2
MR0208-0008	5/16"	8	24	12
MR0208-0010	3/8"	9.5	28.5	14.25
MR0208-0011	7/16"	11	33	16.5
MR0208-0012	1/2"	12.5	37.5	18.77
MR0208-0016	5/8"	16	48	24
MR0208-0019	3/4"	19	57	18.5



**C Link  
Stainless Steel AISI316**

Art No.	Size (mm)	A (mm)	B (mm)	C (mm)
MR0209-0005	5	5	20	7.5
MR0209-0006	6	6	24	9
MR0209-0008	8	8	32	12
MR0209-0009	9	9	36	13.5
MR0209-0010	10	10	40	15
MR0209-0011	11	11	44	16.5
MR0209-0013	13	13	52	19.5
MR0209-0016	16	16	64	24
MR0209-0019	19	19	76	28.5
MR0209-0022	22	22	88	33
MR0209-0025	25	25	100	37.5

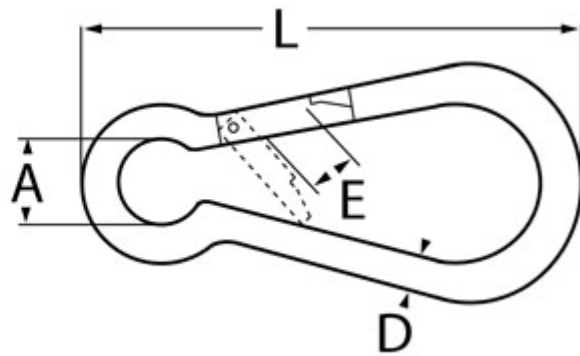




### S Hook

#### Stainless Steel - AISI 316

Art No.	Size (mm)
MR0301-0003	3
MR0301-0004	4
MR0301-0005	5
MR0301-0006	6
MR0301-0007	7
MR0301-0008	8
MR0301-0010	10
MR0301-0012	12

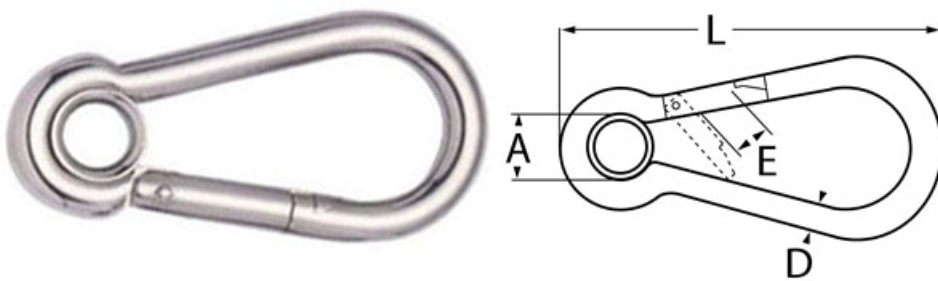


### Carbine Hook DIN 5299-C

#### High Polished Stainless Steel - AISI 316

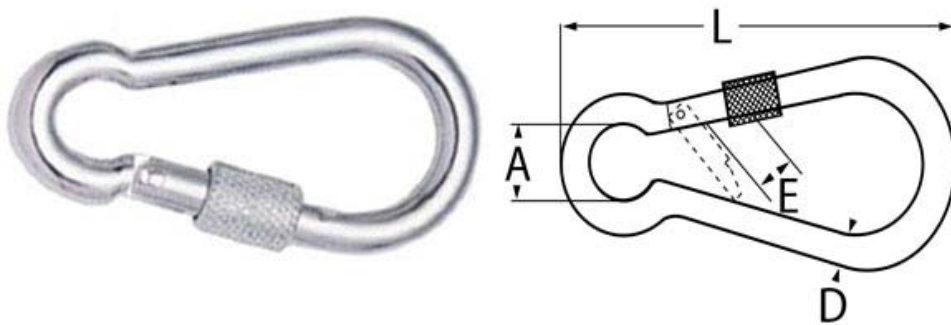
Art No.	Size (mm)	D (mm)	L (mm)	A (mm)	E (mm)
MR0302-0004	4×40	4	40	6.5	6
MR0302-0005	5×50	5	50	8	7
MR0302-0006	6×60	6	60	9	8
MR0302-0007	7×70	7	70	10.5	8
MR0302-0008	8×80	8	80	12	9
MR0302-0009	9×90	9	90	13	10
MR0302-0010	10×100	10	100	15	12
MR0302-0011	11×120	11	120	18	16
MR0302-0012	12×140	12	140	20	19
MR0302-0013	13×160	13	160	22	25
MR0302-0014	14×180	14	180	22	35





**Carbine Hook With Eye**  
**High Polished Stainless Steel - AISI 316**

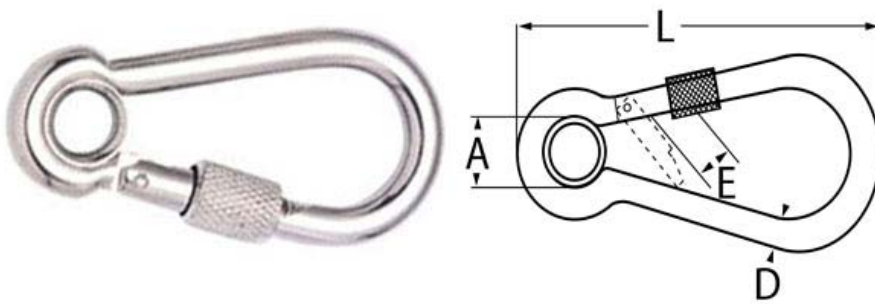
Art No.	Size	D	L	A	E
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0303-0004	4×40	4	40	5	6
MR0303-0005	5×50	5	50	6.5	7
MR0303-0006	6×60	6	60	7.5	8
MR0303-0007	7×70	7	70	9	8
MR0303-0008	8×80	8	80	10	9
MR0303-0009	9×90	9	90	11	10
MR0303-0010	10×100	10	100	13	12
MR0303-0011	11×120	11	120	15	16
MR0303-0012	12×140	12	140	18	19
MR0303-0013	13×160	13	160	20	25
MR0303-0014	14×180	14	180	20	35



**Carbine Hook With Screw**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	D	L	A	E
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0304-0004	4×40	4	40	6.5	6
MR0304-0005	5×50	5	50	8	7
MR0304-0006	6×60	6	60	9	8
MR0304-0007	7×70	7	70	10.5	8
MR0304-0008	8×80	8	80	12	9
MR0304-0009	9×90	9	90	13	10
MR0304-0010	10×100	10	100	15	12
MR0304-0011	11×120	11	120	18	16
MR0304-0012	12×140	12	140	20	19
MR0304-0013	13×160	13	160	22	25
MR0304-0014	14×180	14	180	22	35





**Carbine Hook With Eye And Screw**  
**High Polished Stainless Steel - AISI 316**

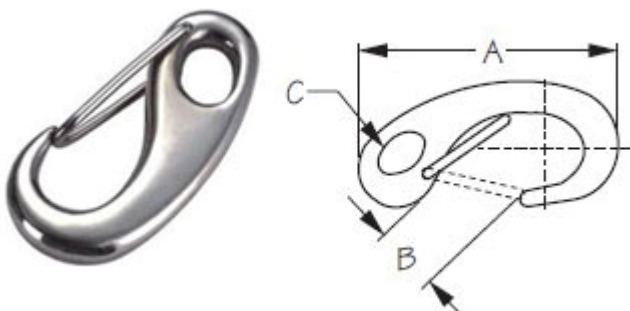
Art No.	Size	D	L	A	E
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0305-0005	5×50	5	50	6.5	7
MR0305-0006	6×60	6	60	7.5	8
MR0305-0007	7×70	7	70	9	8
MR0305-0008	8×80	8	80	10	9
MR0305-0009	9×90	9	90	11	10
MR0305-0010	10×100	10	100	13	12
MR0305-0011	11×120	11	120	15	16
MR0305-0012	12×140	12	140	18	19
MR0305-0013	13×160	13	160	20	25
MR0305-0014	14×180	14	180	20	35



**Simple Snap Hook With Eye**  
**High Polished Stainless Steel - AISI 316**

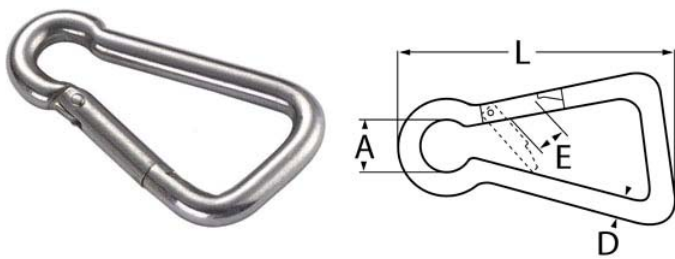
Art No.	Size	B	C
	(mm)	(mm)	(mm)
MR0311-0006	6×60	61	35
MR0311-0008	8×80	81	46
MR0311-0010	10×100	102	58
MR0311-0012	12×120	120	70

**Cast Snap Hook**  
**High Polished Stainless Steel - AISI 316**



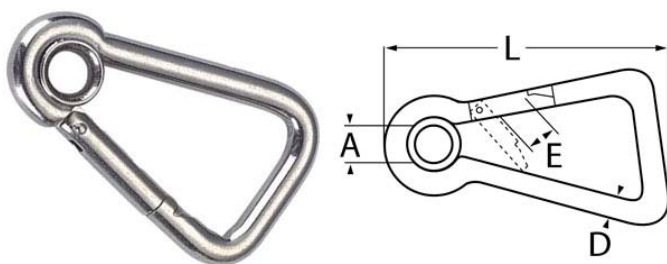
Art No.	Size(A)	B	C
	(mm)	(mm)	(mm)
MR0312-0050	50	10	10x6
MR0312-0070	70	11	15x10
MR0312-0010	100	14	22x15





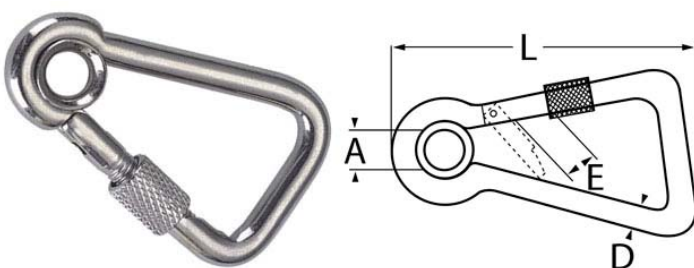
**Oblong Angle Snap Hook**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	D	E	L
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0313-0005	5x50	8	5	9	50
MR0313-0006	6x60	9	6	10	60
MR0313-0008	8x80	12	8	13	80
MR0313-0010	10x100	15	10	18	100
MR0313-0011	11x120	18	11	24	120



**Oblong Angle Snap Hook With Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	D	E	L
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0314-0005	5x50	6.5	5	9	50
MR0314-0006	6x60	7.5	6	10	60
MR0314-0008	8x80	10	8	13	80
MR0314-0010	10x100	13	10	18	100
MR0314-0011	11x120	15	11	24	120

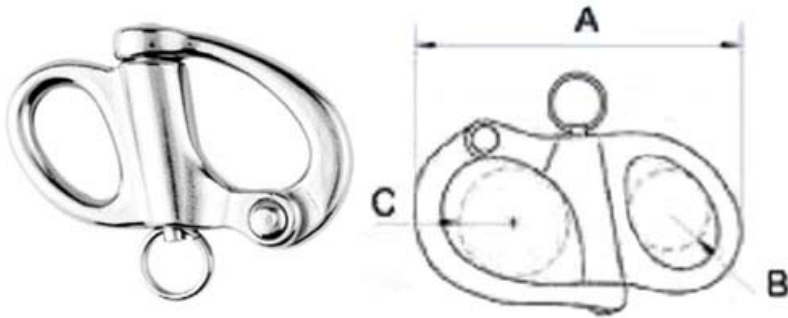


**Oblong Angle Snap Hook With Screw And Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	D	E	L
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0316-0005	5x50	6.5	5	9	50
MR0316-0006	6x60	7.5	6	10	60
MR0316-0008	8x80	10	8	13	80
MR0316-0010	10x100	13	10	18	100
MR0316-0011	11x120	15	11	24	120

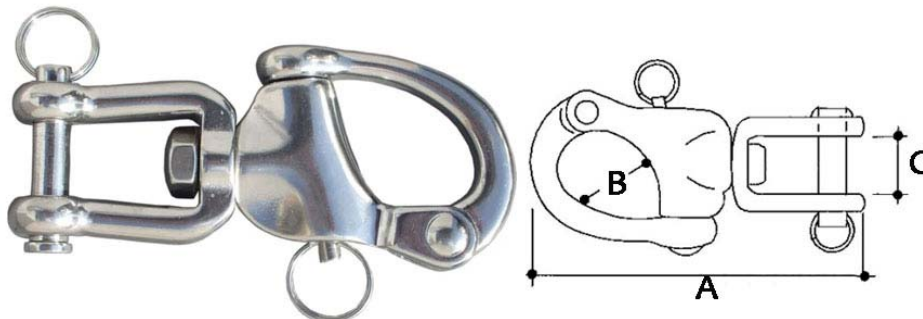






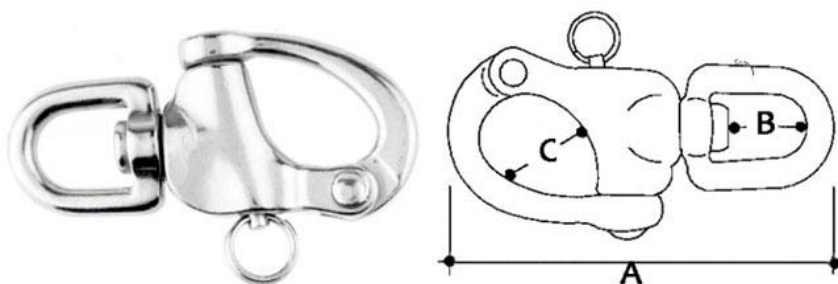
**Fixed Eye Snap Shackle**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	WLL
					(lbs)
MR0319-0002	2"	2"	0.42"	0.56"	1000
MR0319-0003	2-5/8"	2-5/8"	0.51"	0.75"	1500
MR0319-0004	3-3/4"	3-3/4"	0.68"	1.10"	2000



**Jaw Swivel Snap Shackle**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	WLL
					(lbs)
MR0320-0003	2-3/4"	2-3/4"	0.57"	0.54"	1000
MR0320-0004	3-1/2"	3-1/2"	0.75"	0.52"	1500
MR0320-0005	5"	5"	1.05"	0.75"	2000



**Eye Swivel Snap Shackle**  
**High Polished Stainless Steel - AISI 316**

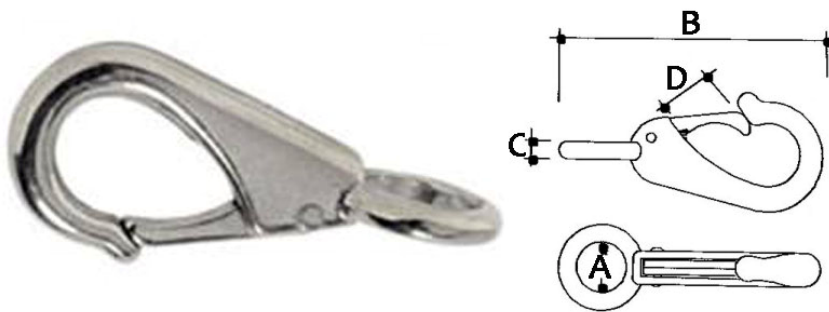
Art No.	Size	A	B	C	WLL
					(lbs)
MR0321-0003	2-3/4"	2-3/4"	0.50"	0.57"	1000
MR0321-0004	3-1/2"	3-1/2"	0.62"	0.75"	1500
MR0321-0005	5"	5"	0.85"	1.05"	2000





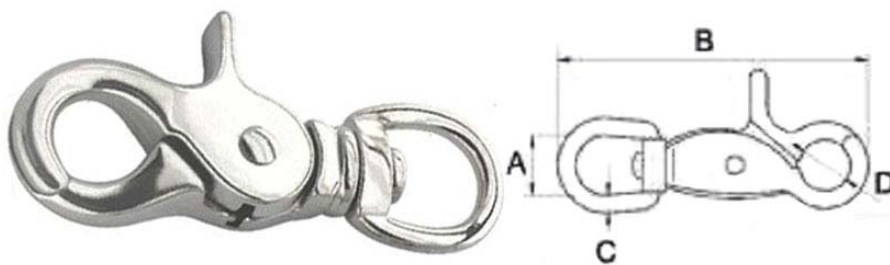
**Swivel Eye Snap**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	D	WLL (lbs)
MR0322-0016	5/8"	5/8"	3.37"	0.20"	0.40"	100
MR0322-0019	3/4"	3/4"	3.87"	0.24"	0.47"	200
MR0322-0022	7/8"	7/8"	4.62"	0.27"	0.51"	300



**Fix Eye Snap**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	D	WLL (lbs)
MR0323-0011	7/16"	7/16"	2.10"	0.15"	0.22"	100
MR0323-0016	5/8"	5/8"	2.71"	0.19"	0.37"	200
MR0323-0019	3/4"	3/4"	3.12"	0.20"	0.50"	250



**Trigger Snap**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	D	WLL (lbs)
MR0324-0012	1/2"	1/2"	2.62"	0.15"	0.43"	200
MR0324-0016	5/8"	5/8"	2.65"	0.20"	0.43"	200





### Swivel Bolt Snap

#### High Polished Stainless Steel - AISI 316

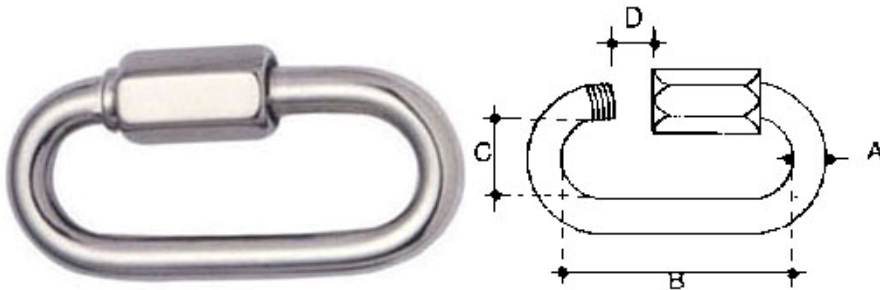
Art No.	Size	A	B	C	D	WLL (lbs)
MR0325-0010	3/8"	3/8"	2.73"	0.32"	0.28"	100
MR0325-0012	1/2"	1/2"	3.16"	0.36"	0.37"	200
MR0325-0016	5/8"	5/8"	3.44"	0.43"	0.36"	250
MR0325-0019	3/4"	3/4"	3.60"	0.43"	0.36"	300
MR0325-0032	1-1/4"	1-1/4"	4.63"	0.48"	0.53"	350



### Double Bolt Snap

#### High Polished Stainless Steel - AISI 316

Art No.	Size	A	B	C	WLL (lbs)
MR0326-0003	3-1/2"	3-1/2"	0.25"	0.33"	100
MR0326-0004	4"	4"	0.37"	0.43"	200
MR0326-0005	4-3/4"	4-3/4"	0.48"	0.47"	250

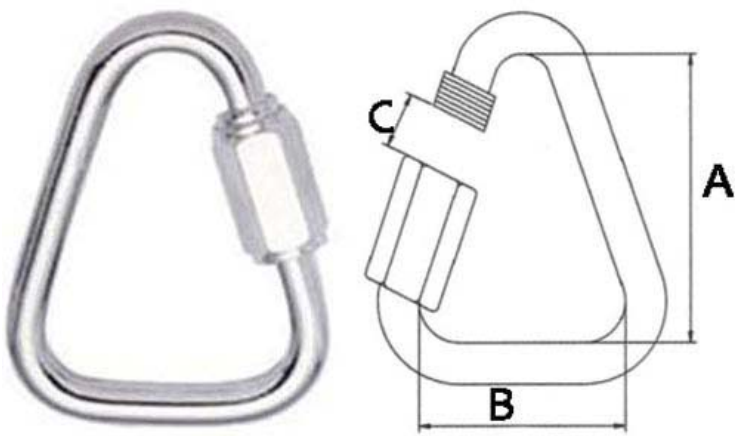


### Quick Link

#### High Polished Stainless Steel - AISI 316

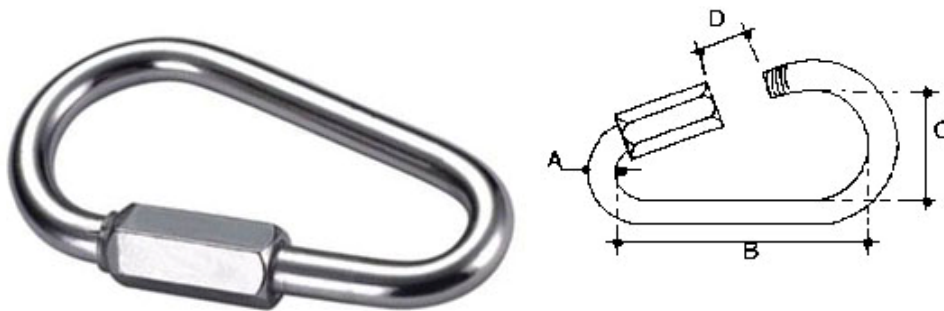
Art No.	Size(A) (mm)	B (mm)	C (mm)	D (mm)
MR0307-0035	3.5	29	10	5
MR0307-0004	4	32	11.5	5.5
MR0307-0005	5	39	13	6.5
MR0307-0006	6	46	14.5	7.5
MR0307-0007	7	51	16.5	8.5
MR0307-0008	8	59	17.5	10.5
MR0307-0009	9	64	18	11.5
MR0307-0010	10	70	20.5	12.5
MR0307-0012	12	83	24	14.5
MR0307-0014	14	97	26.5	17





**Delta Quick Link**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size (mm)	A (mm)	B (mm)	C (mm)
MR0308-0035	3.5	30	24	5
MR0308-0005	5	37	30	6
MR0308-0006	6	44	35	8
MR0308-0008	8	57	40	10
MR0308-0010	10	67	46	12
MR0308-0012	12	80	51	15
MR0308-0014	14	94	86	19



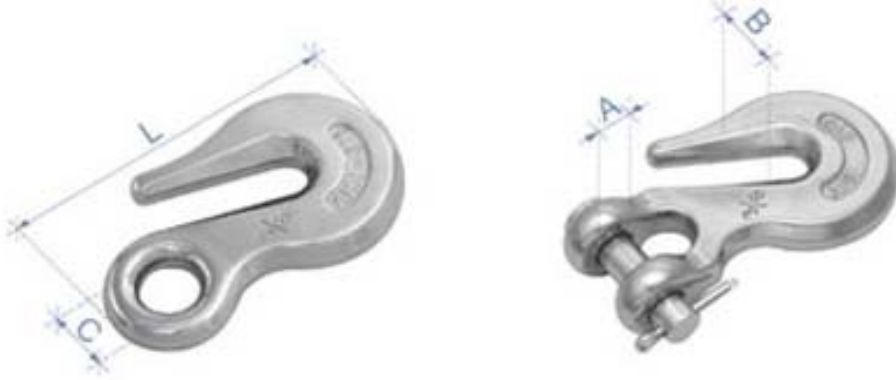
**Pear Shaped Quick Link**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)
MR0309-0006	6	6	70	31	14
MR0309-0008	8	8	84	35	17
MR0309-0010	10	10	98	44	20
MR0309-0012	12	12	117	52	23

**Safety Snap Hook With Safety Latch**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size (mm)	Dia Of Eye (mm)	B (mm)	L (mm)	B.L (kgs)
MR0327-0019	19	19	20	100	750
MR0327-0028	28	28	24	120	1000



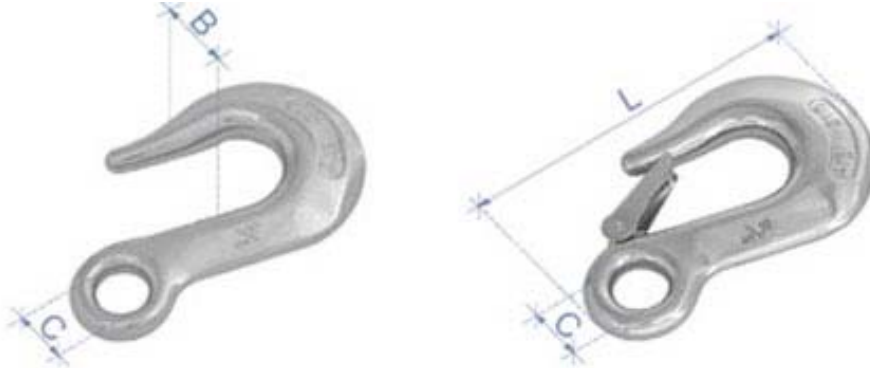


**Eye Grab Hook & Clevis Grab Hook  
High Polished Stainless Steel - AISI 316**

Art No.	Size	B (mm)	C (mm)	L (mm)	B.L (kgs)
MR0328-0006	1/4"	8.7	13	77.6	2350
MR0328-0008	5/16"	11.1	14.5	90	3310
MR0328-0010	3/8"	12.7	17	103.6	4710
MR0328-0012	1/2"	16.6	22.5	136.2	6490
MR0328-0016	5/8"	19.8	27	169.1	9560

**Clevis Grab Hook**

Art No.	Size	Length (mm)	A (mm)	B (mm)	L (mm)	B.L (kgs)
MR0328-0106	1/4"	79.6	9	8.7	79.6	2100
MR0328-0108	5/16"	96	11	11.1	96	3100
MR0328-0110	3/8"	108	12	12.7	108.6	4000
MR0328-0112	1/2"	144	16	16.6	143.7	7350



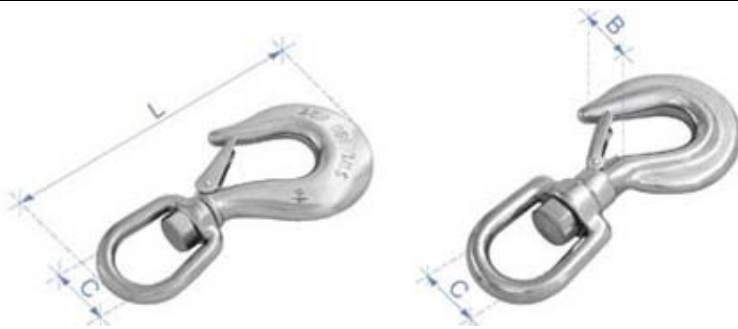
**Eye Slip Hook  
High Polished Stainless Steel - AISI 316**

Art No.	Size	Safety Latch	B (mm)	C (mm)	L (mm)	B.L (kgs)
MR0329-0006	1/4"	Yes	22	13	91	1500
MR0329-0008	5/16"	Yes	24	16	108	2900
MR0329-0010	3/8"	Yes	28	18	124.5	3200
MR0329-0012	1/2"	Yes	37	24	161	5400
MR0329-0106	1/4"	No	22	13	91	1500
MR0329-0108	5/16"	No	24	16	108	2900
MR0329-0110	3/8"	No	28	18	124.5	3200
MR0329-0112	1/2"	No	37	24	161	5400



**Clevis Slip Hook**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	Safety Latch	A	B	L	B.L
		(mm)	(mm)	(mm)	(mm)	(kgs)
MR0330-0006	1/4"	Yes	9	22.5	100	2000
MR0330-0008	5/16"	Yes	11	24.5	112	3100
MR0330-0010	3/8"	Yes	12	30	131.5	4000
MR0330-0012	1/2"	Yes	16	36	165.5	5600
MR0330-0106	1/4"	No	9	22.5	100	2000
MR0330-0108	5/16"	No	11	24.5	112	3100
MR0330-0110	3/8"	No	12	30	131.5	4000
MR0330-0112	1/2"	No	16	36	165.5	5600



**Swivel Slip Hook**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	B	C	L	B.L
		(mm)	(mm)	(mm)	(mm)
MR0331-0006	1/4"	22.5	22	119	1700
MR0331-0008	5/16"	24	27.5	141.5	2600
MR0331-0010	3/8"	28.5	28	160.5	3850
MR0331-0012	1/2"	36	35.7	199.5	5600

**Round Ring**

**High Polished Stainless Steel - AISI 316**

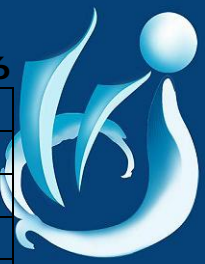


Art No.	D	Art No.	D	Art No.	D
	(mm)		(mm)		(mm)
MR0401-0325	3×25	MR0401-0550	5×50	MR0401-0735	7×35
MR0401-0425	4×25	MR0401-0630	6×30	MR0401-0840	8×40
MR0401-0430	4×30	MR0401-0640	6×40	MR0401-0850	8×50
MR0401-0440	4×40	MR0401-0650	6×50	MR0401-1050	10×50
MR0401-0530	5×30	MR0401-0660	6×60	MR0401-1070	10×70
MR0401-0540	5×40				

**Round Ring With Cross Bar**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0402-0630	6x30	MR0402-1060	10x60
MR0402-0640	6x40	MR0402-1070	10x70
MR0402-0840	8x40	MR0402-1080	10x80
MR0402-0850	8x50	MR0402-1250	12x50
MR0402-0960	9x60	MR0402-1265	12x65
MR0402-1050	10x50	MR0402-1280	12x80



**D Ring**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0403-0425	4x25	MR0403-0650	6x50
MR0403-0430	4x30	MR0403-0660	6x60
MR0403-0440	4x40	MR0403-0745	7x45
MR0403-0540	5x40	MR0403-0840	8x40
MR0403-0550	5x50	MR0403-0850	8x50
MR0403-0640	6x40		

**D Ring With Cross Bar**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size
	(mm)
MR0404-0545	5x45
MR0404-0550	5x50
MR0404-0645	6x45
MR0404-0650	6x50
MR0404-0845	8x45
MR0404-0850	8x50

**Delta Ring**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size
	(mm)
MR0405-0540	5x40
MR0405-0650	6x50
MR0405-0850	8x50

**Triangle Ring With Cross Bar**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0406-0545	5x45	MR0406-0845	8x45
MR0406-0550	5x50	MR0406-0850	8x50
MR0406-0645	6x45	MR0406-0860	8x60
MR0406-0650	6x50		

**Square Ring  
High Polished Stainless Steel - AISI 316**



Art No.	Size	Inside Length	Inside Width
	(mm)	(mm)	(mm)
MR0407-0520	5	20	12
MR0407-0525	5	25	15
MR0407-0530	5	30	18
MR0407-0540	5	40	20
MR0407-0650	6	50	25
MR0407-0747	7	47	38
MR0407-0865	8	65	30

**Ring Bolt**

**High Polished Stainless Steel - AISI 316**



Art No.	Size	Ring Size	L
	(mm)	(mm)	(mm)
MR0408-0520	M5	3x20	60
MR0408-0530	M5	5x30	60
MR0408-0606	M6	6x35	75
MR0408-0660	M6	6x35	60
MR0408-0607	M6	7x40	75
MR0408-0808	M8	8x45	75
MR0408-0880	M8	8x45	80
MR0408-1009	M10	9x50	110
MR0408-1012	M10	9x50	120
MR0408-1014	M10	9x50	140
MR0408-1010	M10	10x50	100
MR0408-1212	M12	12x60	110
MR0408-1260	M12	12x60	120
MR0408-1215	M12	12x60	150
MR0408-1218	M12	12x60	180
MR0408-1220	M12	12x60	200

**Lag Ring Bolt**

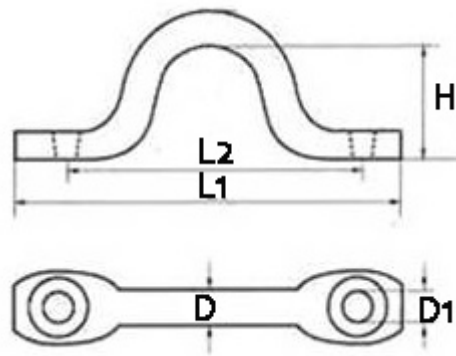
**High Polished Stainless Steel - AISI 316**



Art No.	Size	Ring Size	L
	(mm)	(mm)	(mm)
MR0409-0630	6	6x30	60
MR0409-0850	8	8x50	60
MR0409-1060	10	10x60	80
MR0409-1275	12	12x75	100

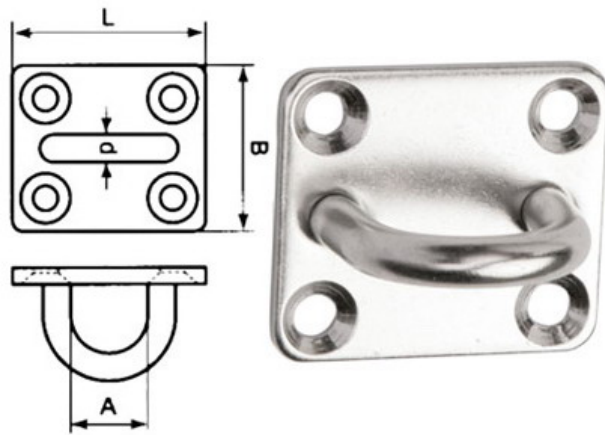






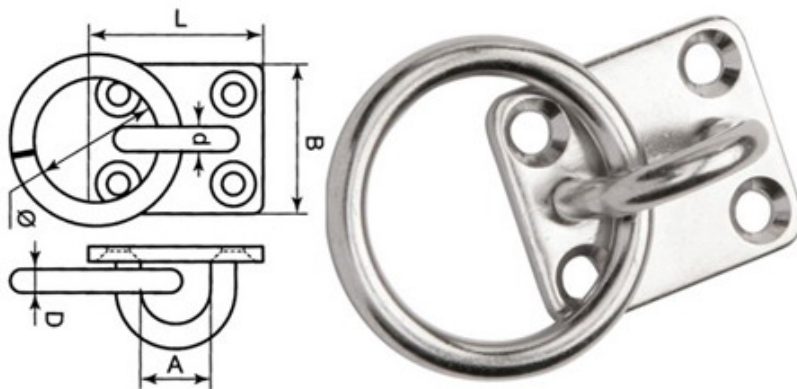
**Pad Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	D	L1	L2	H	D1
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0410-0004	4	40	32	11	3.2
MR0410-0005	5	50	40	13	4.2
MR0410-0006	6	57	44	15	5.2
MR0410-0008	8	63	47	17	5.2



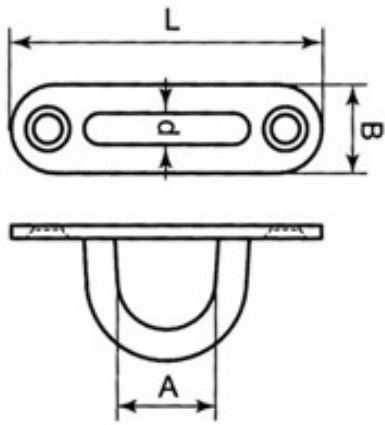
**Square Pad Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	L	d
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0411-0005	5	14	30	35	5
MR0411-0006	6	18	35	40	6
MR0411-0008	8	20	40	50	8



**Square Pad Eye With Ring**  
**High Polished Stainless Steel - AISI 316**

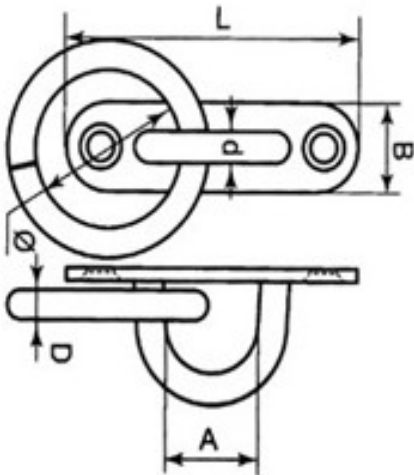
Art No.	Size	A	B	L	d	D	Φ
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MR0412-0005	5	14	30	35	5	5	30
MR0412-0006	6	18	35	40	6	6	35
MR0412-0008	8	20	40	50	8	8	45



### Oblong Pad Eye

#### High Polished Stainless Steel - AISI 316

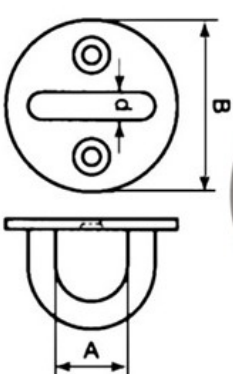
Art No.	Size (mm)	A (mm)	B (mm)	L (mm)	d (mm)
MR0413-0005	5	16	15	54	5
MR0413-0006	6	19	20	65	6
MR0413-0008	8	25	26	81	8
MR0413-0009	9	32	32	100	9



### Oblong Pad Eye With Ring

#### High Polished Stainless Steel - AISI 316

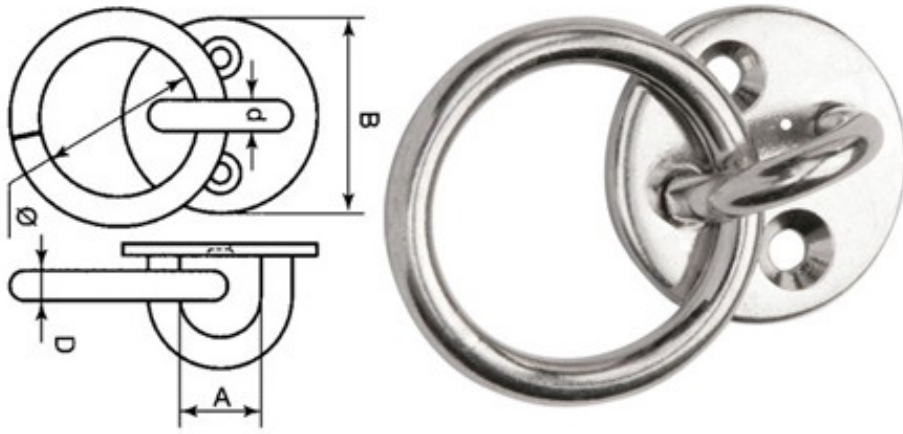
Art No.	Size (mm)	A (mm)	B (mm)	L (mm)	d (mm)	D (mm)	Φ (mm)
MR0414-0005	5	16	15	54	5	5	30
MR0414-0006	6	19	20	65	6	6	40
MR0414-0008	8	25	26	81	8	8	50
MR0414-0009	9	32	32	100	9	9	60



### Round Pad Eye

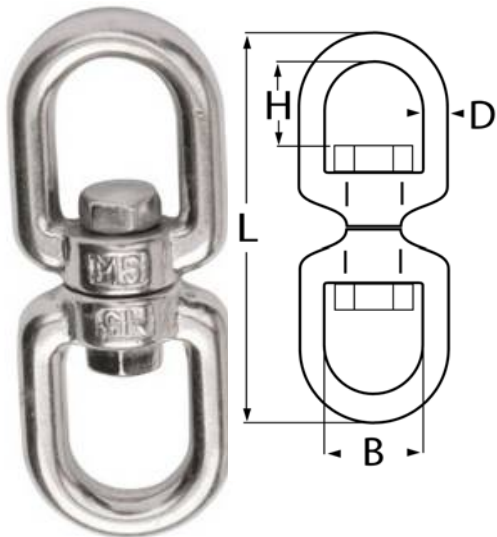
#### High Polished Stainless Steel - AISI 316

Art No.	Size (mm)	A (mm)	B (mm)	d (mm)
MR0414-0005	5	12	33	5
MR0414-0006	6	17	40	6
MR0414-0008	8	20	50	8



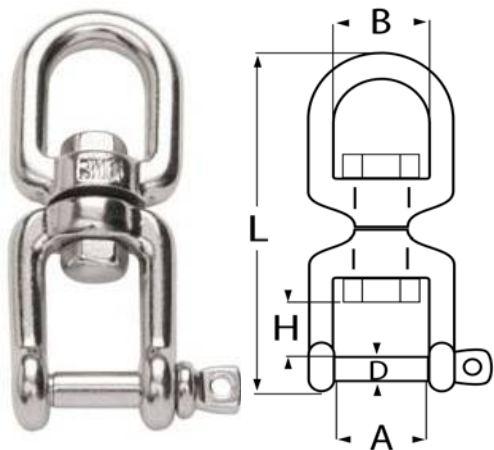
**Round Pad Eye With Ring**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	d	D	Φ
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MR0415-0005	5	12	33	5	5	30
MR0415-0006	6	17	40	6	6	40
MR0415-0008	8	20	50	8	8	50



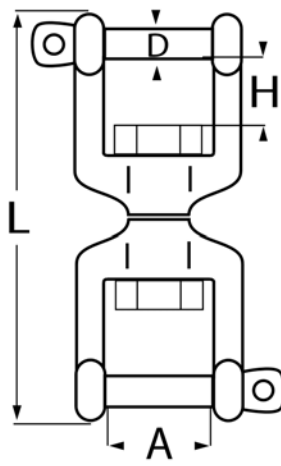
**Swivel Eye & Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	D	B	H	L	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(lbs)
MR0501-0005	5	5	13	13	59	300
MR0501-0006	6	6	14	14	65	600
MR0501-0008	8	8	19	19	92	1100
MR0501-0010	10	10	22	25	117	1540
MR0501-0013	13	13	32	33	152	2640
MR0501-0016	16	16	38	41	187	4750
MR0501-0019	19	19	41	51	216	7000
MR0501-0022	22	22	47	51	235	8000
MR0501-0025	25	25	64	65	279	10000



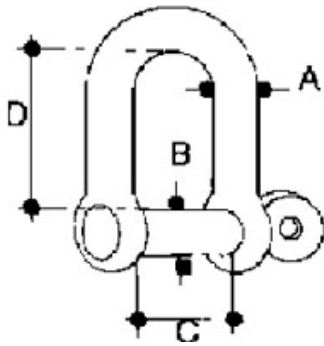
**Swivel Jaw & Eye**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	H	L	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(lbs)
MR0502-0006	6	13	13	11	67	600
MR0502-0008	8	16	16	16	92	1100
MR0502-0010	10	19	19	22	117	1540
MR0502-0013	13	25	25	28	152	2640
MR0502-0016	16	32	32	35	187	4750
MR0502-0019	19	38	38	41	218	7000



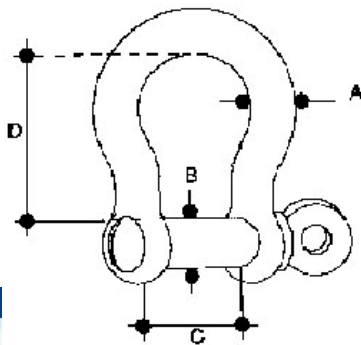
**Swivel Jaw & Jaw**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	D	H	L	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
MR0503-0006	6	13	13	11	64	150
MR0503-0008	8	16	16	16	89	300
MR0503-0010	10	19	19	22	113	500
MR0503-0013	13	25	25	28	149	1000
MR0503-0016	16	32	32	35	186	1500
MR0503-0019	19	38	38	41	219	2000



**European Dee Shackle**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	D	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
MR0504-0004	4	4	4	8	16	150
MR0504-0005	5	5	5	10	20	240
MR0504-0006	6	6	6	12	24	340
MR0504-0008	8	8	8	16	32	600
MR0504-0010	10	10	10	20	40	750
MR0504-0012	12	12	12	24	48	1000
MR0504-0014	14	14	14	28	56	1350
MR0504-0016	16	16	16	32	64	2000
MR0504-0018	18	18	18	36	72	2750
MR0504-0020	20	20	20	40	80	3000
MR0504-0022	22	22	22	44	88	3600
MR0504-0025	25	25	25	50	100	4500

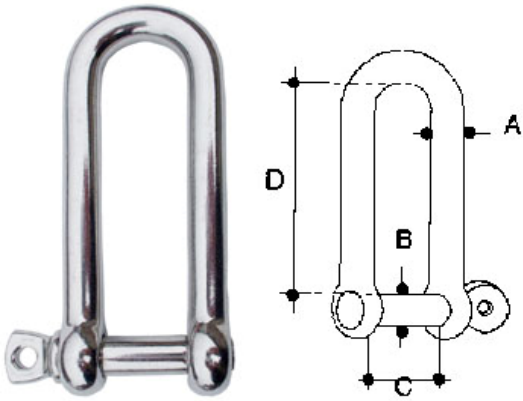


**European Bow Shackle**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	D	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
MR0505-0004	4	4	4	8	16	150
MR0505-0005	5	5	5	10	20	240
MR0505-0006	6	6	6	12	24	340
MR0505-0008	8	8	8	16	32	600
MR0505-0010	10	10	10	20	40	750
MR0505-0012	12	12	12	24	48	1000
MR0505-0014	14	14	14	28	56	1350
MR0505-0016	16	16	16	32	64	2000
MR0505-0018	18	18	18	36	72	2750
MR0505-0020	20	20	20	40	80	3000
MR0505-0022	22	22	22	44	88	3600
MR0505-0025	25	25	25	50	100	4500

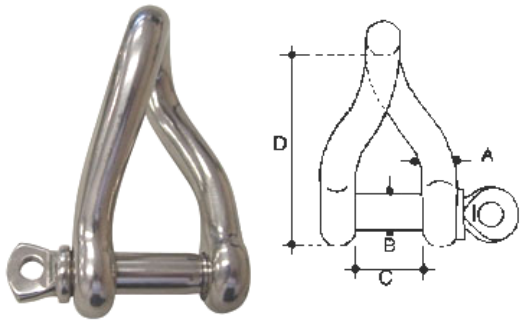


**Long Dee Shackle**  
**High Polished Stainless Steel - AISI 316**



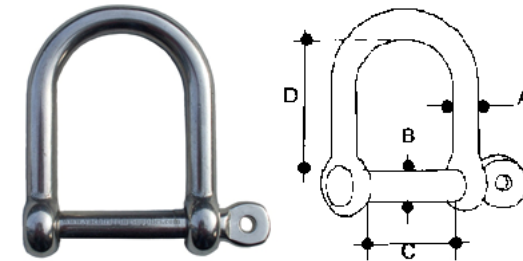
Art No.	Size	A	B	C	D	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
MR0506-0004	4	4	4	8	32	150
MR0506-0005	5	5	5	10	40	240
MR0506-0006	6	6	6	12	48	340
MR0506-0008	8	8	8	16	64	600
MR0506-0010	10	10	10	20	80	750
MR0506-0012	12	12	12	24	96	1000
MR0506-0014	14	14	14	28	112	1350
MR0506-0016	16	16	16	32	128	2000
MR0506-0018	18	18	18	36	144	2750
MR0506-0020	20	20	20	40	160	3000
MR0506-0022	22	22	22	44	176	3600

**Twist Shackle**  
**High Polished Stainless Steel - AISI 316**



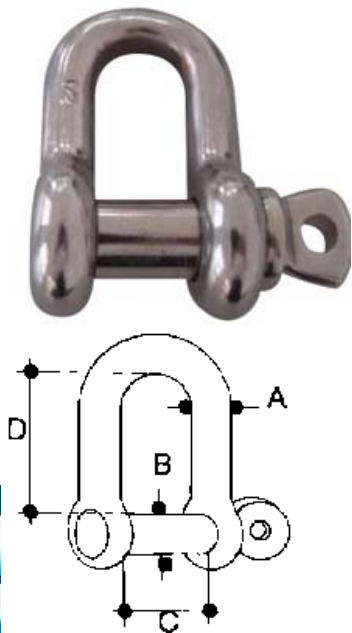
Art No.	Size	A	B	C	D	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(kgs)
MR0507-0004	4	4	4	8	26	150
MR0507-0005	5	5	5	10	28	240
MR0507-0006	6	6	6	12	33	340
MR0507-0008	8	8	8	16	40	600
MR0507-0010	10	10	10	20	45	750

**Wide D Shackle**  
**High Polished Stainless Steel - AISI 316**



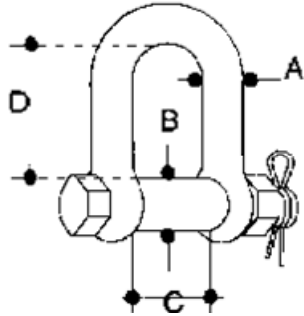
Art No.	Size	A	B	C	D	WLL
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MR0512-0005	5	5	5	25	22.5	230
MR0512-0006	6	6	6	24	36	350
MR0512-0008	8	8	8	28	36	600
MR0512-0010	10	10	10	40	60	680
MR0512-0012	12	12	12	48	72	1000

**Chain Shackle US Type**  
**High Polished Stainless Steel - AISI 316**



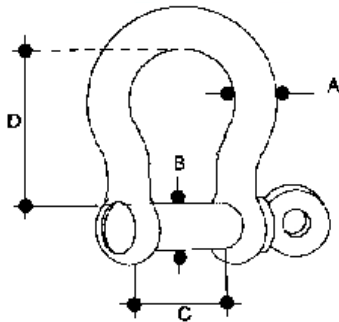
Art No.	Size	A	B	C	D	WLL
						(lbs)
MR0508-0005	3/16"	3/16"	1/4"	0.38"	0.75"	300
MR0508-0006	1/4"	1/4"	5/16"	0.47"	0.88"	450
MR0508-0008	5/16"	5/16"	3/8"	0.53"	1.03"	650
MR0508-0010	3/8"	3/8"	7/16"	0.66"	1.25"	1000
MR0508-0011	7/16"	7/16"	1/2"	0.75"	1.44"	1500
MR0508-0012	1/2"	1/2"	5/8"	0.81"	1.63"	2200
MR0508-0016	5/8"	5/8"	3/4"	1.05"	2.00"	3000
MR0508-0019	3/4"	3/4"	7/8"	1.25"	2.38"	4500
MR0508-0022	7/8"	7/8"	1"	1.44"	2.81"	6000
MR0508-0025	1"	1"	1-1/8"	1.69"	3.19"	8000
MR0508-0028	1-1/8"	1-1/8"	1-1/4"	1.81"	3.58"	10500





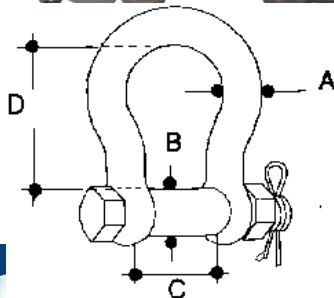
**Bolt Chain Shackle US Type  
High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	C	D	WLL (lbs)
MR0509-0005	3/16"	3/16"	1/4"	0.38"	0.75"	300
MR0509-0006	1/4"	1/4"	5/16"	0.47"	0.88"	450
MR0509-0008	5/16"	5/16"	3/8"	0.53"	1.03"	650
MR0509-0010	3/8"	3/8"	7/16"	0.66"	1.25"	1000
MR0509-0011	7/16"	7/16"	1/2"	0.75"	1.44"	1500
MR0509-0012	1/2"	1/2"	5/8"	0.81"	1.63"	2200
MR0509-0016	5/8"	5/8"	3/4"	1.05"	2.00"	3000
MR0509-0019	3/4"	3/4"	7/8"	1.25"	2.38"	4500
MR0509-0022	7/8"	7/8"	1"	1.44"	2.81"	6000
MR0509-0025	1"	1"	1-1/8"	1.69"	3.19"	8000
MR0509-0028	1-1/8"	1-1/8"	1-1/4"	1.81"	3.58"	10500



**Anchor Shackle US Type  
High Polished Stainless Steel - AISI 316**

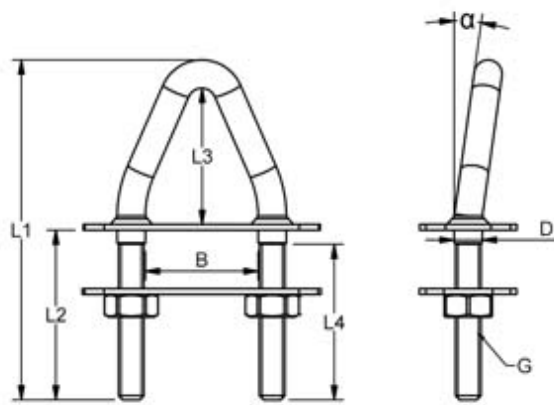
Art No.	Size	A	B	C	D	WLL (lbs)
MR0510-0005	3/16"	3/16"	1/4"	0.38"	0.88"	300
MR0510-0006	1/4"	1/4"	5/16"	0.47"	1.13"	450
MR0510-0008	5/16"	5/16"	3/8"	0.53"	1.22"	650
MR0510-0010	3/8"	3/8"	7/16"	0.66"	1.44"	1000
MR0510-0011	7/16"	7/16"	1/2"	0.75"	1.69"	1500
MR0510-0012	1/2"	1/2"	5/8"	0.81"	1.88"	2000
MR0510-0016	5/8"	5/8"	3/4"	1.05"	2.38"	3000
MR0510-0019	3/4"	3/4"	7/8"	1.25"	2.81"	4500
MR0510-0022	7/8"	7/8"	1"	1.44"	3.31"	6000
MR0510-0025	1"	1"	1-1/8"	1.69"	3.75"	8000
MR0510-0028	1-1/8"	1-1/8"	1-1/4"	1.81"	4.25"	10500



**Bolt Anchor Shackle US Type  
High Polished Stainless Steel - AISI 316**

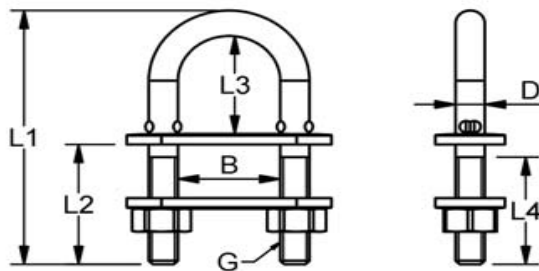
Art No.	Size	A	B	C	D	WLL (lbs)
MR0511-0005	3/16"	3/16"	1/4"	0.38"	0.88"	300
MR0511-0006	1/4"	1/4"	5/16"	0.47"	1.13"	450
MR0511-0008	5/16"	5/16"	3/8"	0.53"	1.22"	650
MR0511-0010	3/8"	3/8"	7/16"	0.66"	1.44"	1000
MR0511-0011	7/16"	7/16"	1/2"	0.75"	1.69"	1500
MR0511-0012	1/2"	1/2"	5/8"	0.81"	1.88"	2000
MR0511-0016	5/8"	5/8"	3/4"	1.05"	2.38"	3000
MR0511-0019	3/4"	3/4"	7/8"	1.25"	2.81"	4500
MR0511-0022	7/8"	7/8"	1"	1.44"	3.31"	6000
MR0511-0025	1"	1"	1-1/8"	1.69"	3.75"	8000
MR0511-0028	1-1/8"	1-1/8"	1-1/4"	1.81"	4.25"	10500





**V Bolt**  
**High Polished Stainless Steel - AISI 316**

Art No.	G	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	a (mm)	B (mm)	D (mm)
MR0601-0800	M8	100	50	40	45	0	33	8
MR0601-0808	M8	100	50	40	45	8	33	8
MR0601-0818	M8	100	50	40	45	18	33	8
MR0601-1000	M10	120	60	48	55	0	40	10
MR0601-1008	M10	120	60	48	55	8	40	10
MR0601-1018	M10	120	60	48	55	18	40	10

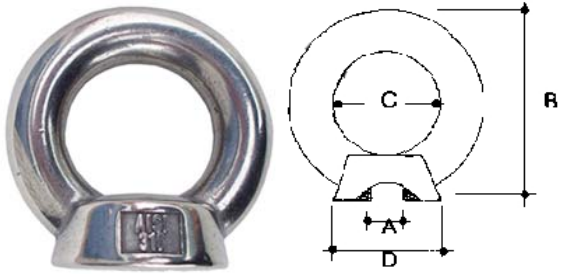


**U Bolt With Two Nuts & Two Washer**  
**High Polished Stainless Steel - AISI 316**

Art No.	G (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	B (mm)	D (mm)
MR0602-0466	M4	66	35	25	30	26	5.4
MR0602-0567	M5	67	35	25	30	25	6
MR0602-0669	M6	69	35	26	30	27	7.1
MR0602-0684	M6	84	50	26	30	27	7.1
MR0602-0871	M8	71	35	26	30	25	9
MR0602-0886	M8	86	50	26	30	25	9
MR0602-0880	M8	80	40	30	32	42	9
MR0602-0890	M8	90	50	30	32	42	9
MR0602-1095	M10	95	45	38	40	30	12
MR0602-1011	M10	110	60	38	35	30	12
MR0602-1015	M10	150	100	38	85	30	12

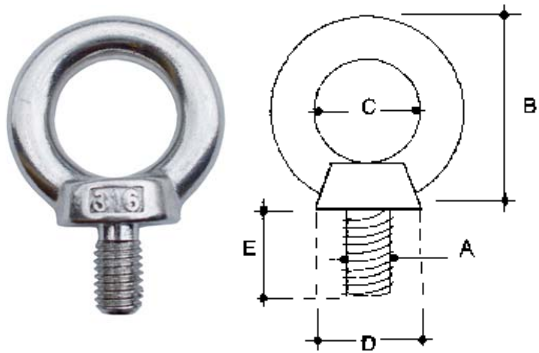


**DIN582 Eye Nut**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size	A	B	C	D
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0604-0006	6	6	28	16	13
MR0604-0008	8	8	36	20	20
MR0604-0010	10	10	45	25	25
MR0604-0012	12	12	53	30	30
MR0604-0016	16	16	62	35	35
MR0604-0020	20	20	71	40	40
MR0604-0024	24	24	90	50	50
MR0604-0030	30	30	109	60	65

**DIN580 Eye Bolt**  
**High Polished Stainless Steel - AISI 316**

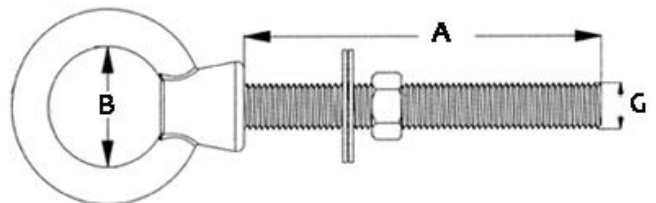


Art No.	Size	A	B	C	D	E
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MR0605-0006	6	6	28	16	13	13
MR0605-0008	8	8	36	20	20	13
MR0605-0010	10	10	45	25	25	17
MR0605-0012	12	12	53	30	30	21
MR0605-0016	16	16	62	35	35	27
MR0605-0020	20	20	71	40	40	30
MR0605-0024	24	24	90	50	50	36
MR0605-0030	30	30	109	60	65	45

**JIS1169 Eye Nut**  
**High Polished Stainless Steel - AISI 316**



Art No.	Size	A	B	C	D
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0606-0006	M6	6	30	16	13
MR0606-0008	M8	8	39.3	20	16
MR0606-0010	M10	10	48.5	25	20
MR0606-0012	M12	12	61	30	25
MR0606-0016	M16	16	72	35	30
MR0606-0020	M20	20	86	40	35
MR0606-0024	M24	24	111	50	45

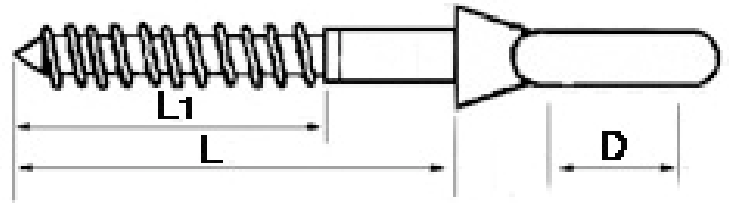


**Eye Bolt With Collar**  
**High Polished Stainless Steel - AISI 316**



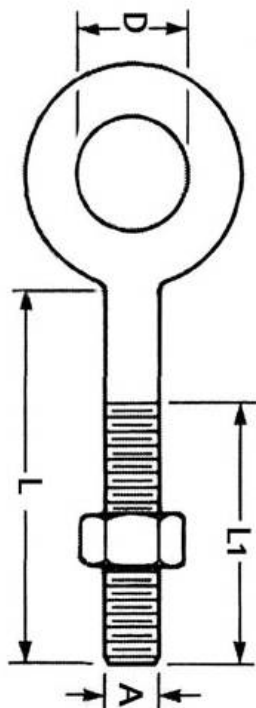


Art No.	Size(G)	A	B	Art No.	Size(G)	A	B
		(mm)	(mm)			(mm)	(mm)
MR1006-0650	M6	50	16	MR1006-1212	M12	120	30
MR1006-0660	M6	60	16	MR1006-1650	M16	50	35
MR1006-0880	M8	80	20	MR1006-1615	M16	150	35
MR1006-1010	M10	100	25	MR1006-2050	M20	50	40
MR1006-1012	M10	120	25	MR1006-2080	M20	80	40
MR1006-1013	M10	135	25	MR1006-2015	M20	150	40
MR1006-1016	M10	160	25	MR1006-2450	M24	50	50
MR1006-1018	M10	185	25	MR1006-2415	M24	150	50



### Eye Bolt Wooden Screw High Polished Stainless Steel - AISI 316

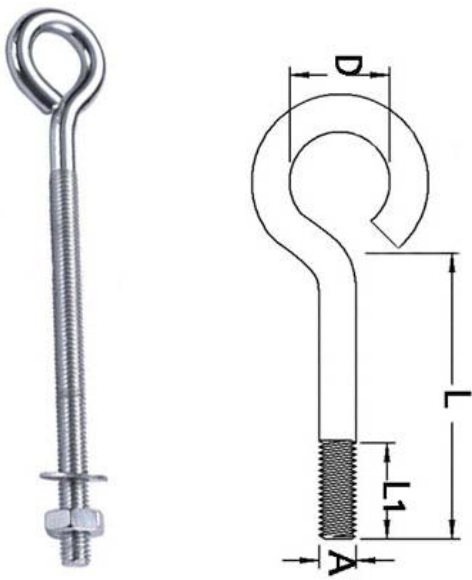
Art No.	Size	D	L	L1	Art No.	Size	D	L	L1
	(mm)	(mm)	(mm)	(mm)		(mm)	(mm)	(mm)	(mm)
MR0608-0550	5x50	12	50	30	MR0608-1060	10x60	25	60	36
MR0608-0560	5x60	12	60	36	MR0608-1080	10x80	25	80	48
MR0608-0640	6x40	16	40	24	MR0608-1010	10x100	25	100	60
MR0608-0660	6x60	16	60	36	MR0608-1280	12x80	30	80	72
MR0608-0680	6x80	16	80	48	MR0608-1210	12x100	30	100	48
MR0608-0610	6x100	16	100	60	MR0608-1260	12x100	30	100	60
MR0608-0860	8x60	20	60	36	MR0608-1212	12x120	30	120	72
MR0608-0880	8x80	20	80	48	MR0608-1214	12x140	30	140	84
MR0608-0810	8x100	20	100	60	MR0608-1216	12x160	30	160	96
MR0608-0812	8x120	20	120	72					



### Welded Eye Bolt High Polished Stainless Steel - AISI 316

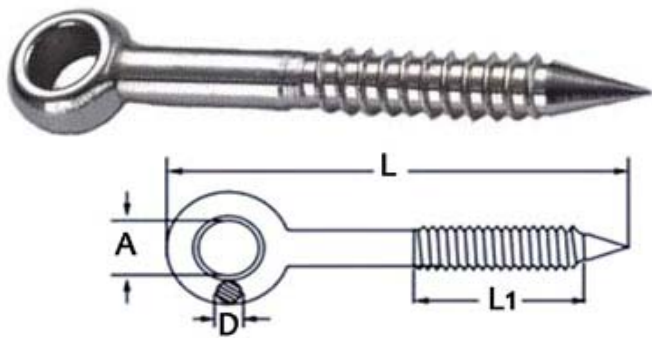
Art No.	Size	A	D	L	L1
		(mm)	(mm)	(mm)	(mm)
MR0609-0640	M6	6	13	40	35
MR0609-0660	M6	6	13	60	55
MR0609-0680	M6	6	13	80	75
MR0609-0610	M6	6	13	100	95
MR0609-0860	M8	8	17	60	55
MR0609-0880	M8	8	17	80	75
MR0609-0810	M8	8	17	100	95
MR0609-0813	M8	8	17	130	125
MR0609-1060	M10	10	21	60	75
MR0609-1010	M10	10	21	100	95
MR0609-1012	M10	10	21	120	115
MR0609-1015	M10	10	21	150	145
MR0609-1210	M12	12	25	100	95
MR0609-1215	M12	12	25	150	145





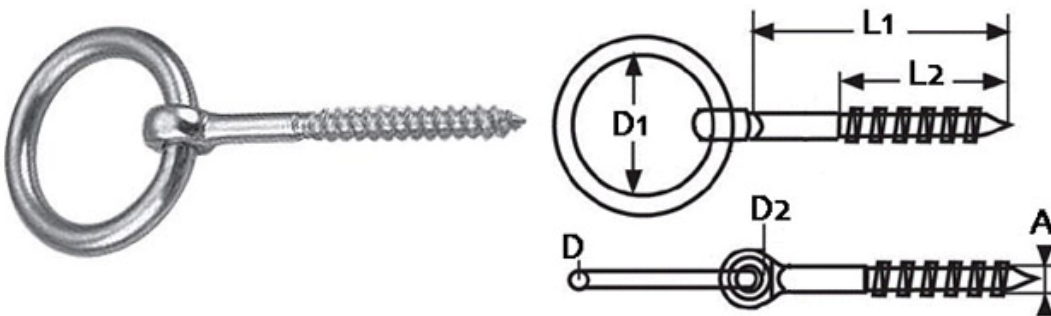
### Unwelded Eye Bolt High Polished Stainless Steel - AISI 316

Art No.	Size	A	D	L
	(mm)	(mm)	(mm)	(mm)
MR0610-0564	5x64	M5	12	64
MR0610-0650	6x50	M6	12	50
MR0610-0675	6x75	M6	12	75
MR0610-0610	6x100	M6	12	100
MR0610-0615	6x150	M6	10	150
MR0610-0835	8x35	M8	16	35
MR0610-0880	8x80	M8	16	80
MR0610-0811	8x108	M8	16	108
MR0610-0813	8x130	M8	16	130
MR0610-0815	8x150	M8	16	150
MR0610-0818	8x175	M8	12	175
MR0610-1064	10x64	M8	22	64
MR0610-1010	10x100	M10	22	100
MR0610-1014	10x140	M10	22	140
MR0610-1020	10x200	M10	22	200
MR0610-1220	12x200	M12	30	200
MR0610-1225	12x250	M12	30	250



### Lag Eye Screw High Polished Stainless Steel - AISI 316

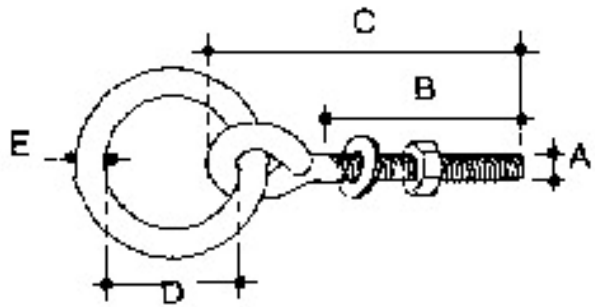
Art No.	Size	A	D	L	L1
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0611-0006	6	6.3	3	71	37
MR0611-0008	8	8.4	4	71	37
MR0611-0010	10	10.5	5	100	55
MR0611-0012	12	12.5	6	125	63



### Lag Ring Bolt High Polished Stainless Steel - AISI 316

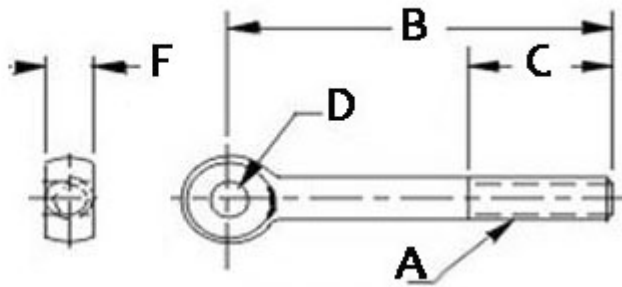
Art No.	A	D	D1	D2	L1	L2
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MR0614-0004	6	6	30	6.3	58	37
MR0614-0005	8	8	50	8.4	58	37
MR0614-0006	10	10	60	10.5	80	55
MR0614-0010	12	12	75	12.5	100	63





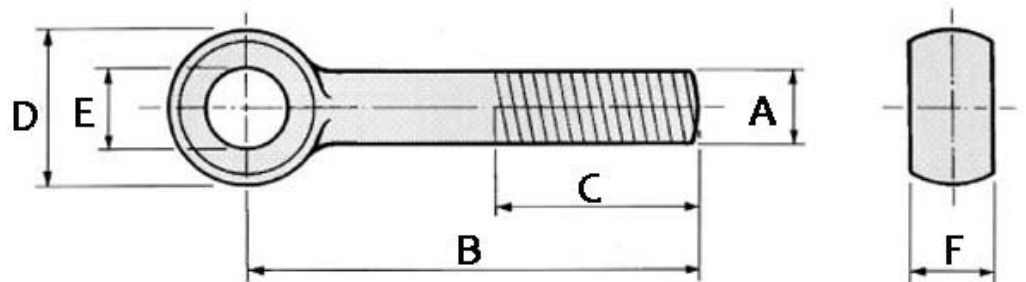
**Eye Ring Bolt**  
**High Polished Stainless Steel - AISI 316**

Art No.	A	B	C	D	E
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0615-0008	M8	50	75	45	8
MR0615-0010	M10	75	100	50	10
MR0615-0012	M12	80	120	60	12



**Cast Eye Bolt**  
**High Polished Stainless Steel - AISI 316**

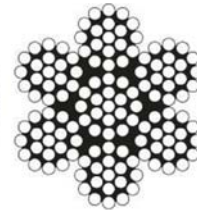
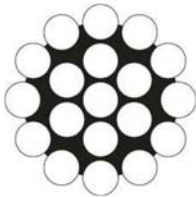
Art No.	A	B	C	D	F
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0612-0610	M6	16	10	6.2	7
MR0612-0614	M6	20	14	6.2	7
MR0612-0618	M6	38	18	6.2	7
MR0612-0625	M6	38	25	6.2	7
MR0612-0636	M6	68	36	6.2	7
MR0612-0660	M6	68	60	6.2	7



**DIN444 Cast Eye Bolt**  
**High Polished Stainless Steel - AISI 316**



Art No.	A	B(mm)		C (mm)	D(mm)		E(mm)	F(mm)	
		Max	Min		Max	Min		Max	Min
MR0613-0635	M6	35	90	18	12.9	14	6	8.52	9
MR0613-0840	M8	40	125	22	16.9	18	8	10.3	11
MR0613-0813	M8	126	140	28	16.9	18	8	10.3	11
MR0613-1045	M10	45	125	26	18.7	20	10	13.3	14
MR0613-1013	M10	126	150	32	18.7	20	10	13.3	14
MR0613-1255	M12	55	125	30	23.7	25	12	16.3	17
MR0613-1213	M12	128	200	36	23.7	25	12	16.3	17
MR0613-1220	M12	201	260	49	23.7	25	12	16.3	17
MR0613-1670	M16	70	125	38	30.4	32	16	18.16	19
MR0613-1613	M16	126	200	44	30.4	32	16	18.16	19
MR0613-1620	M16	201	260	57	30.4	32	16	18.16	19
MR0613-2010	M20	100	125	46	38.4	40	18	23.16	24
MR0613-2013	M20	126	200	52	38.4	40	18	23.16	24
MR0613-2020	M20	201	260	65	38.4	40	18	23.16	24
MR0613-2410	M24	100	125	54	43.4	45	22	27.16	28
MR0613-2413	M24	126	200	60	43.4	45	22	27.16	28
MR0613-2420	M24	201	260	73	43.4	45	22	27.16	28
MR0613-3015	M30	150	200	72	53.1	55	28	33	34
MR0613-3020	M30	201	300	85	53.1	55	28	33	34
MR0613-3616	M36	160	200	84	63.1	65	32	40	41
MR0613-3620	M36	201	300	97	63.1	65	32	40	41



**7X19 Wire Rope  
Stainless Steel - AISI 316**

Art No.	Size (mm)	Tensile Strength (KN)	Weight (kg/100M)
MR0702-0002	2	2.08	1.58
MR0702-0025	2.5	3.25	2.4
MR0702-0003	3	5	3.84
MR0702-0004	4	8.89	6.49
MR0702-0005	5	13.9	9.14
MR0702-0006	6	20	13.8
MR0702-0007	7	27.2	18.78
MR0702-0008	8	35.6	23.87
MR0702-0010	10	55.6	40.3
MR0702-0012	12	80	55

**7X19 Wire Rope  
Stainless Steel - AISI 316**

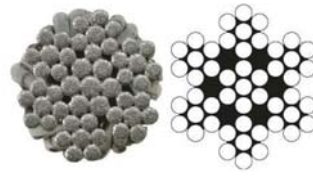
Art No.	Size (mm)	Tensile Strength (KN)	Weight (kg/100M)
MR0702-0002	2	2.08	1.58
MR0702-0025	2.5	3.25	2.4
MR0702-0003	3	5	3.84
MR0702-0004	4	8.89	6.49
MR0702-0005	5	13.9	9.14
MR0702-0006	6	20	13.8
MR0702-0007	7	27.2	18.78
MR0702-0008	8	35.6	23.87
MR0702-0010	10	55.6	40.3
MR0702-0012	12	80	55



## 7X7 Wire Rope

### Stainless Steel - AISI 316

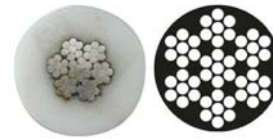
Art No.	Size (mm)	Tensile Strength (KN)	Weight (kg/100M)
MR0703-0002	2	2.4	1.7
MR0703-0025	2.5	3.7	2.6
MR0703-0003	3	5.3	3.9
MR0703-0004	4	9.5	7
MR0703-0005	5	14.8	10.5
MR0703-0006	6	21.4	14.8
MR0703-0007	7	29.1	20.1
MR0703-0008	8	38	25.5
MR0703-0010	10	59.3	38.8
MR0703-0012	12	85.4	60.48



### 1X19 Wire Rope Coated With PVC

### Stainless Steel - AISI 316

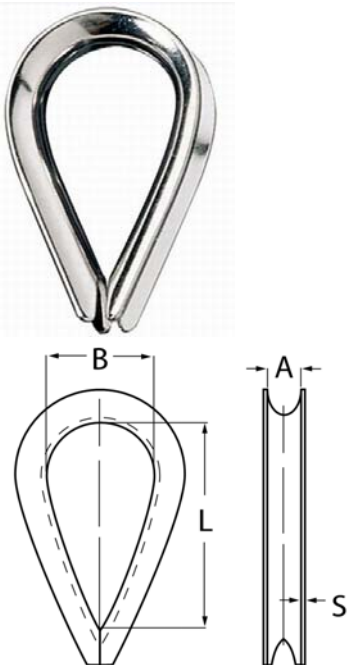
Art No.	Size (mm)	Tensile Strength (KN)	Weight (kg/100M)
MR0704-0406	4-6	12.6	9.5
MR0704-0408	4-8	12.6	13.5
MR0704-0508	5-8	19.6	17.2



### 7X7 Wire Rope Coated With PVC

### Stainless Steel - AISI 316

Art No.	Size (mm)	Tensile Strength (KN)	Weight (kg/100M)
MR0705-0406	4-6	9.49	8.75
MR0705-0408	4-8	9.49	9.5



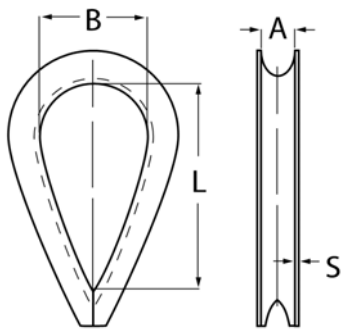
### European Type Thimble

### High Polished Stainless Steel - AISI 316

Art No.	Size (mm)	A (mm)	B (mm)	L (mm)	S (mm)	Weight (kg/100)
MR0706-0002	2	2	7	10	1	0.2
MR0706-0025	2.5	2.5	8	14	1	0.2
MR0706-0003	3	3	10	17	1	0.4
MR0706-0004	4	4	11	18	1	0.5
MR0706-0005	5	5.5	13	20	1.2	0.7
MR0706-0006	6	6.5	15	25	1.2	1.0
MR0706-0008	8	9	18	33	1.5	1.8
MR0706-0010	10	11	23	41	2	3.8
MR0706-0012	12	14	27	48	2	5.0
MR0706-0014	14	15	34	53	2.5	10
MR0706-0016	16	17	36	57	3	12.5
MR0706-0018	18	19	40	67	3	16
MR0706-0020	20	22	45	75	4	26.5
MR0706-0022	22	24	52	84	4	32.5
MR0706-0022	24	26	56	96	5	46
MR0706-0022	28	30	65	115	6	80
MR0706-0022	32	34	82	144	6	105
MR0706-0022	36	40	94	170	6	142

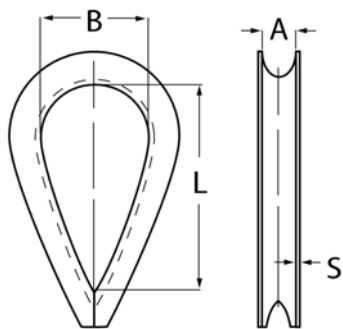
**G411 US Type Thimble**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size	A	B	L	S	Weight (kg/100)
MR0707-0003	1/8"	0.16"	0.69"	1.31"	0.05"	0.7
MR0707-0005	3/16"	0.22"	0.69"	1.31"	0.05"	0.8
MR0707-0006	1/4"	0.28"	0.69"	1.31"	0.05"	0.9
MR0707-0008	5/16"	0.34"	0.81"	1.50"	0.05"	1.2
MR0707-0010	3/8"	0.41"	0.94"	1.63"	0.06"	1.5
MR0707-0012	1/2"	0.53"	1.13"	1.88"	0.08"	7
MR0707-0016	5/8"	0.66"	1.38"	2.25"	0.13"	20
MR0707-0019	3/4"	0.78"	1.63"	2.50"	0.14"	25
MR0707-0022	7/8"	0.94"	1.88"	3.50"	0.16"	47
MR0707-0025	1"	1.06"	2.50"	4.25"	0.16"	57
MR0707-0028	1-1/8"	1.31"	2.75"	4.50"	0.22"	109



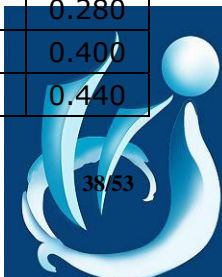
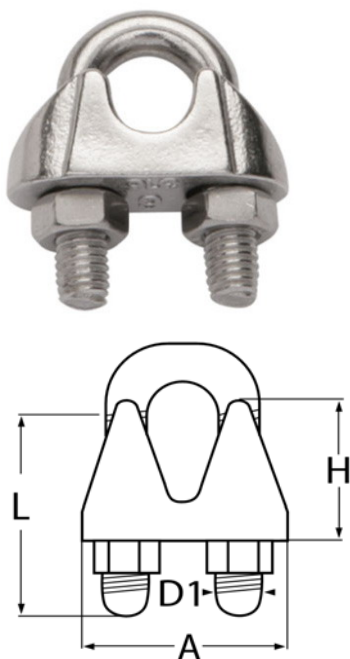
**G414 US Type Thimble**  
**High Polished Stainless Steel - AISI 316**

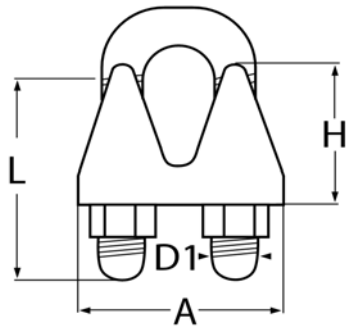
Art No.	Size	A	B	L	S	Weight (kg/100)
MR0708-0005	3/16"	0.21	0.75	1.37	0.06	2.6
MR0708-0006	1/4"	0.28	0.87	1.62	0.07	3
MR0708-0008	5/16"	0.34	1.06	1.87	0.08	5.2
MR0708-0010	3/8"	0.43	1.12	2	0.11	10.1
MR0708-0011	7/16"	0.47	1.25	2.38	0.12	15
MR0708-0012	1/2"	0.56	1.5	2.5	0.15	22.6
MR0708-0014	9/16"	0.59	1.5	2.5	0.15	23
MR0708-0016	5/8"	0.68	1.75	3	0.18	33.8
MR0708-0019	3/4"	0.81	2	3.75	0.22	80
MR0708-0022	7/8"	0.93	2.25	4	0.22	105
MR0708-0025	1"	1.12	2.5	4.37	0.25	134



**DIN741 Wire Rope Clip**  
**High Polished Stainless Steel - AISI 316**

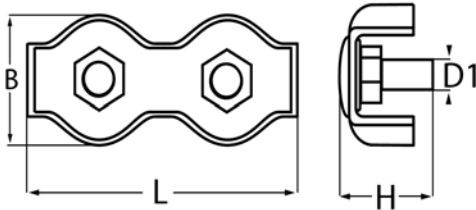
Art No.	Rope (mm)	A (mm)	D1 (mm)	L (mm)	H (mm)	Weight (kg)
MR0709-0002	2	16	M3	10	9	0.007
MR0709-0003	3	21	M4	12	10	0.012
MR0709-0004	4	22	M4	12	10	0.014
MR0709-0005	5	23	M5	13	10	0.015
MR0709-0006	6	26	M5	15	11	0.021
MR0709-0008	8	30	M6	19	15	0.041
MR0709-0010	10	34	M8	22	17	0.068
MR0709-0012	12	40	M10	30	21	0.130
MR0709-0016	16	50	M12	33	26	0.210
MR0709-0019	19	54	M12	38	30	0.280
MR0709-0022	22	61	M14	44	34	0.400
MR0709-0025	25	65	M14	45	37	0.440





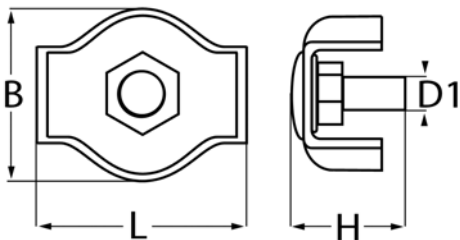
### US Type Wire Rope Clip High Polished Stainless Steel - AISI 316

Art No.	Wire	A	D1	L	Weight
		(mm)	(mm)	(mm)	(kg)
MR0712-0003	1/8"	0.94"	0.22"	0.44"	0.027
MR0712-0005	3/16"	1.16"	0.25"	0.56"	0.050
MR0712-0006	1/4"	1.44"	0.31"	0.86"	0.085
MR0712-0008	5/16"	1.69"	0.38"	0.75"	0.140
MR0712-0010	3/8"	1.94"	0.44"	0.75"	0.215
MR0712-0012	1/2"	2.28"	0.50"	1.00"	0.350
MR0712-0016	5/8"	2.50"	0.56"	1.25"	0.480
MR0712-0019	3/4"	2.84"	0.62"	1.44"	0.700
MR0712-0025	1"	3.47"	0.75"	1.81"	1.160



### Duplex Wire Rope Clip High Polished Stainless Steel - AISI 316

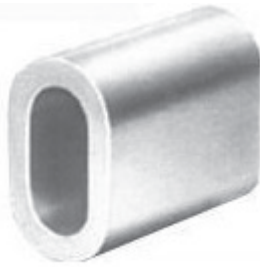
Art No.	Wire	D1	B	H	L	Weight
	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
MR0710-0002	2	M4	12	14	30	0.010
MR0710-0003	3	M4	14	14	36	0.012
MR0710-0004	4	M5	18	17	40	0.022
MR0710-0005	5	M5	20	17	50	0.030
MR0710-0006	6	M6	24	23	60	0.056
MR0710-0008	8	M8	30	27	72	1.000
MR0710-0010	10	M10	35	32	90	0.150



### Simplex Wire Rope Clip High Polished Stainless Steel - AISI 316

Art No.	Rope	D1	B	H	L	Weight
	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
MR0711-0002	2	M4	12	14	15	0.005
MR0711-0003	3	M4	14	14	18	0.006
MR0711-0004	4	M5	18	17	20	0.011
MR0711-0005	5	M5	20	17	25	0.015
MR0711-0006	6	M6	24	23	30	0.028
MR0711-0008	8	M8	30	27	36	0.050
MR0711-0010	10	M10	35	32	45	0.075





### DIN3093 Aluminum Ferrules

Art No.	Size	Ins. Width	Out. Length	Thickness	Length
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0713-0001	1	1.3	4.3	0.65	5
MR0713-0015	1.5	1.8	5.3	0.75	6
MR0713-0002	2	2.4	6.9	0.85	7
MR0713-0025	2.5	3	8.1	1.05	9
MR0713-0003	3	3.5	9.6	1.25	11
MR0713-0035	3.5	4	11	1.5	13
MR0713-0004	4	4.5	12.4	1.7	14
MR0713-0045	4.5	5.1	14	1.9	16
MR0713-0005	5	5.6	15.4	2.1	18
MR0713-0006	6	6.6	18.2	2.5	21
MR0713-0065	6.5	7.2	19.8	2.7	23
MR0713-0007	7	7.8	21.4	2.9	25
MR0713-0008	8	8.8	24.2	3.3	28
MR0713-0009	9	9.9	27.2	3.7	32
MR0713-0010	10	10.9	30	4.1	35
MR0713-0011	11	12.1	33.2	4.5	39
MR0713-0012	12	13.2	36.2	4.9	42
MR0713-0013	13	14.2	39.2	5.4	46
MR0713-0014	14	15.3	42.2	5.8	49
MR0713-0016	16	17.5	48.4	6.7	56
MR0713-0018	18	19.6	54.4	7.6	63
MR0713-0020	20	21.7	60.2	8.4	70
MR0713-0022	22	24.3	67	9.2	77
MR0713-0024	24	26.4	72.8	10	84
MR0713-0026	26	28.5	78.8	10.9	91
MR0713-0028	28	31	85.4	11.7	98
MR0713-0030	30	33.1	91.2	12.5	105
MR0713-0032	32	35.2	97.2	13.4	112
MR0713-0034	34	37.5	104	14.2	119
MR0713-0036	36	39.8	109.6	15	126







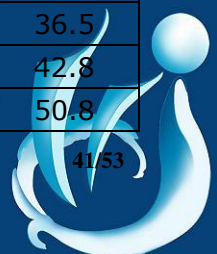
### Copper Ferrule Self-Colour/Nickle Plate/Stannum Plate/Zinc Plated

Art No.	Size	Ins. Width	Out Length	Thickness	Length
	(mm)	(mm)	(mm)	(mm)	(mm)
MR0714-0001	1	1.3	2.6	0.85	5
MR0714-0015	1.5	1.8	3.6	1.05	6
MR0714-0002	2	2.4	4.8	0.85	7
MR0714-0025	2.5	2.7	5.4	1.1	9
MR0714-0003	3	3.3	6.6	1.35	11
MR0714-0035	3.5	3.9	7.8	1.6	13
MR0714-0004	4	4.3	8.8	1.7	14
MR0714-0045	4.5	5.1	10.2	1.9	16
MR0714-0005	5	5.6	11.2	2.1	18
MR0714-0006	6	6.7	13.4	2.5	21
MR0714-0065	6.5	6.9	14	2.7	23
MR0714-0007	7	7.5	15	3	25
MR0714-0008	8	8.5	17	3.5	28
MR0714-0009	9	9.9	19.8	3.7	32
MR0714-0010	10	10.9	21.8	4.1	35
MR0714-0011	11	11.6	23.2	4.2	39
MR0714-0012	12	13.2	26.4	4.9	42
MR0714-0013	13	14.2	28.4	5.4	46
MR0714-0014	14	15.3	30.6	5.8	48
MR0714-0016	16	17.5	35	6.7	56
MR0714-0018	18	19	38	7.8	63



### Aluminum Sleeve Hourglass

Art No.	Size	Ins Dia	Ins Width	Out Dia	Out Width	Length
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MR0715-0015	1/16"	1.5	1.98	4	4.37	9.6
MR0715-0002	5/64"	2	2.39	4.8	5.56	9.6
MR0715-0025	3/32"	2.5	3.3	6.5	7.06	12.7
MR0715-0003	1/8"	3	3.96	7.9	8.71	15.9
MR0715-0004	5/32"	4	4.75	9.5	9.53	17.5
MR0715-0005	3/16"	5	5.66	11.4	11.2	25.4
MR0715-0055	7/32"	5.6	6.35	12.7	12.7	27
MR0715-0006	1/4"	6	7.37	14.6	13.6	28.6
MR0715-0007	9/32"	7	7.92	16	14.27	30.2
MR0715-0008	5/16"	8	9.53	18.3	17.45	31.7
MR0715-0009	3/8"	9	11.13	21.4	19.05	36.5
MR0715-0011	7/16"	11	12.7	25.4	23.8	42.8
MR0715-0012	1/2"	12	14.27	28.5	27	50.8





**Duplex Copper Ferrule  
Self-Colour/Nickle Plate/  
Stannum Plate/Zinc Plated**

Art No.	Size	
		(mm)
MR0716-0001	3/64"	1.2
MR0716-0015	1/16"	1.5
MR0716-0002	5/64"	2
MR0716-0025	3/32"	2.5
MR0716-0003	1/8"	3
MR0716-0004	5/32"	4
MR0716-0005	3/16"	5
MR0716-0055	7/32"	5.6
MR0716-0006	1/4"	6
MR0716-0007	9/32"	7
MR0716-0008	5/16"	8
MR0716-0009	3/8"	9
MR0716-0011	7/16"	11
MR0716-0012	1/2"	12



**Aluminum Stop Button**

Art No.	Size	
		(mm)
MR0717-0015	1/16"	1.5
MR0717-0025	3/32"	2.5
MR0717-0003	1/8"	3
MR0717-0004	5/32"	4
MR0717-0005	3/16"	5
MR0717-0055	7/32"	5.5
MR0717-0006	1/4"	6
MR0717-0008	5/16"	8
MR0717-0010	3/8"	10



**Copper Stop Button  
Self-Colour/Nickle Plate/Stannum Plate/  
Zinc Plated**

Art No.	Size	
		(mm)
MR0718-0015	1/16"	1.5
MR0718-0002	5/64"	2
MR0718-0025	3/32"	2.5
MR0718-0003	1/8"	3
MR0718-0004	5/32"	4
MR0718-0005	3/16"	5
MR0718-0006	1/4"	6
MR0718-0008	5/16"	8
MR0718-0009	3/8"	9





**Swivel Eye Block**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1001-0020	7/8"	20
MR1001-0025	1"	25
MR1001-0032	1-1/4"	32
MR1001-0050	2"	50
MR1001-0075	3"	75
MR1001-0100	4"	100



**Swivel Block With Twin Pulley**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1003-0020	1"	25
MR1003-0020	1-1/4"	32
MR1003-0020	1-1/2"	38
MR1003-0020	2"	50



**Swivel Eye Block**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1005-0075	3"	75
MR1005-0100	4"	100
MR1005-0125	5"	125



**Swivel Hook Block**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1002-0020	7/8"	20
MR1002-0025	1"	25
MR1002-0032	1-1/4"	32
MR1002-0050	2"	50
MR1002-0075	3"	75
MR1002-0100	4"	100



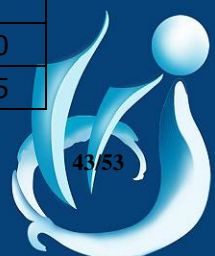
**Square Swivel Eye Block**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1004-0050	2"	50
MR1004-0075	3"	75
MR1004-0100	4"	100



**Swivel Eye Block With Twin Pulley**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1006-0075	3"	75
MR1006-0100	4"	100
MR1006-0125	5"	125





**Seine Eye Block**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1007-0075	3"	75
MR1007-0100	4"	100
MR1007-0125	5"	125

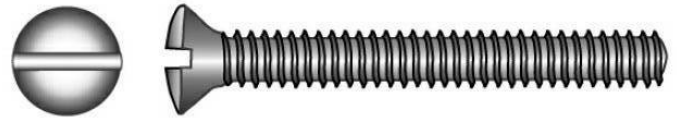


**Rated Snatch Block**  
**Stainless Steel AISI304 / AISI316**

Art No.	Size	
		(mm)
MR1008-0075	3"	75
MR1008-0100	4"	100
MR1008-0125	5"	125

**Slotted Raised Countersunk Head Screw DIN964**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0901-0310	3x10	MR0901-0540	5x40
MR0901-0316	3x16	MR0901-0550	5x50
MR0901-0320	3x20	MR0901-0620	6x20
MR0901-0416	4x16	MR0901-0630	6x30
MR0901-0420	4x20	MR0901-0640	6x40
MR0901-0430	4x30	MR0901-0650	6x50
MR0901-0440	4x40	MR0901-0660	6x60
MR0901-0516	5x16	MR0901-0860	8x60
MR0901-0520	5x20	MR0901-0880	8x80
MR0901-0530	5x30	MR0901-0810	8x100



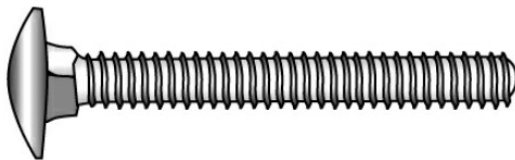
**Hex Nut DIN934**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
MR0902-0003	M3
MR0902-0004	M4
MR0902-0005	M5
MR0902-0006	M6
MR0902-0008	M8
MR0902-0010	M10
MR0902-0012	M12
MR0902-0016	M16



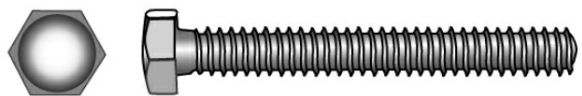
**Mushroom Head Square Neck Bolt DIN603**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
	(mm)
MR0903-0625	6x25
MR0903-0630	6x30
MR0903-0640	6x40
MR0903-0650	6x50
MR0903-0660	6x60
MR0903-0840	8x40
MR0903-0860	8x60
MR0903-0870	8x70
MR0903-0880	8x80



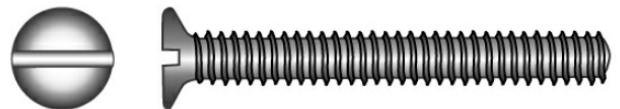
**Hexagon Head Bolt DIN933**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0904-0516	5x16	MR0904-0640	6x40
MR0904-0520	5x20	MR0904-0660	6x60
MR0904-0525	5x25	MR0904-0830	8x30
MR0904-0530	5x30	MR0904-0840	8x40
MR0904-0540	5x40	MR0904-0850	8x50
MR0904-0550	5x50	MR0904-0860	8x60
MR0904-0620	6x20	MR0904-0880	8x80
MR0904-0625	6x25	MR0904-0810	8x100
MR0904-0630	6x30		



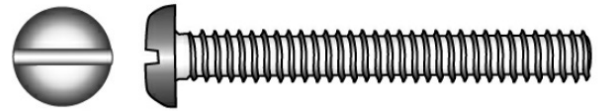
**Slotted Countersunk Head Screw DIN963**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0905-0310	3x10	MR0905-0540	5x40
MR0905-0316	3x16	MR0905-0550	5x50
MR0905-0320	3x20	MR0905-0620	6x20
MR0905-0416	4x16	MR0905-0630	6x30
MR0905-0420	4x20	MR0905-0640	6x40
MR0905-0430	4x30	MR0905-0650	6x50
MR0905-0440	4x40	MR0905-0660	6x60
MR0905-0516	5x16	MR0905-0860	8x60
MR0905-0520	5x20	MR0905-0880	8x80
MR0905-0530	5x30	MR0905-0810	8x10



**Slotted Cheese Head Screw DIN84**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0906-0310	3x10	MR0906-0540	5x40
MR0906-0316	3x16	MR0906-0550	5x50
MR0906-0320	3x20	MR0906-0620	6x20
MR0906-0416	4x16	MR0906-0630	6x30
MR0906-0420	4x20	MR0906-0640	6x40
MR0906-0430	4x30	MR0906-0650	6x50
MR0906-0440	4x40	MR0906-0660	6x60
MR0906-0516	5x16	MR0906-0860	8x60
MR0906-0520	5x20	MR0906-0880	8x80
MR0906-0530	5x30	MR0906-0810	8x10



**Slotted Head Wood Screw Countersunk Head DIN97**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0908-2512	2.5x12	MR0908-0440	4x40
MR0908-2516	2.5x16	MR0908-0450	4x50
MR0908-0312	3x12	MR0908-0530	5x30
MR0908-0316	3x16	MR0908-0540	5x40
MR0908-0320	3x20	MR0908-0550	5x50
MR0908-0325	3x25	MR0908-0560	5x60
MR0908-0330	3x30	MR0908-0660	6x60
MR0908-0420	4x20	MR0908-0670	6x70
MR0908-0430	4x30		



**Slotted Head Wood Screw Raised Countersunk Head DIN95**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Art No.	Size
	(mm)		(mm)
MR0908-2512	2.5x12	MR0908-0440	4x40
MR0908-2516	2.5x16	MR0908-0450	4x50
MR0908-0312	3x12	MR0908-0530	5x30
MR0908-0316	3x16	MR0908-0540	5x40
MR0908-0320	3x20	MR0908-0550	5x50
MR0908-0325	3x25	MR0908-0560	5x60
MR0908-0330	3x30	MR0908-0660	6x60
MR0908-0420	4x20	MR0908-0670	6x70
MR0908-0430	4x30		



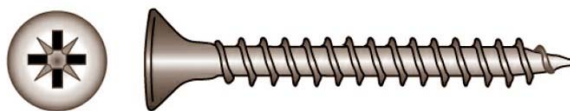
**Hexagon Head Wood Screw DIN571  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)
MR0909-0650	6x50
MR0909-0660	6x60
MR0909-0670	6x70
MR0909-0680	6x80
MR0909-0860	8x60
MR0909-0870	8x70
MR0909-0880	8x80



**Countersunk Head Cross Recessed Chipboardscrew  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)
MR0910-0320	3x20
MR0910-0330	3x30
MR0910-0430	4x30
MR0910-0440	4x40
MR0910-0540	5x40
MR0910-0550	5x50
MR0910-0660	6x60



**Cross Recessed Tapping Screw Countersunk Head DIN7982  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)	Art No.	Size (mm)	Art No.	Size (mm)
MR0911-2995	2.9x9.5	MR0911-4219	4.2x19	MR0911-4850	4.8x50
MR0911-2913	2.9x13	MR0911-4225	4.2x25	MR0911-5516	5.5x16
MR0911-2916	2.9x16	MR0911-4230	4.2x30	MR0911-5525	5.5x25
MR0911-3513	3.5x13	MR0911-4232	4.2x32	MR0911-5532	5.5x32
MR0911-3516	3.5x16	MR0911-4240	4.2x40	MR0911-5538	5.5x38
MR0911-3519	3.5x19	MR0911-4813	4.8x13	MR0911-5540	5.5x40
MR0911-3525	3.5x25	MR0911-4819	4.8x19	MR0911-5550	5.5x50
MR0911-3930	3.9x30	MR0911-4825	4.8x25	MR0911-6330	6.3x30
MR0911-3940	3.9x40	MR0911-4832	4.8x32	MR0911-6340	6.3x40
MR0911-4213	4.2x13	MR0911-4840	4.8x40	MR0911-6350	6.3x50
MR0911-4216	4.2x16				



**Cross Recessed Tapping Screw Pan Head DIN7981  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)	Art No.	Size (mm)	Art No.	Size (mm)
MR0912-2995	2.9x9.5	MR0912-4219	4.2x19	MR0912-4850	4.8x50
MR0912-2913	2.9x13	MR0912-4225	4.2x25	MR0912-5516	5.5x16
MR0912-2916	2.9x16	MR0912-4230	4.2x30	MR0912-5525	5.5x25
MR0912-3513	3.5x13	MR0912-4232	4.2x32	MR0912-5532	5.5x32
MR0912-3516	3.5x16	MR0912-4240	4.2x40	MR0912-5538	5.5x38
MR0912-3519	3.5x19	MR0912-4813	4.8x13	MR0912-5540	5.5x40
MR0912-3525	3.5x25	MR0912-4819	4.8x19	MR0912-5550	5.5x50
MR0912-3930	3.9x30	MR0912-4825	4.8x25	MR0912-6330	6.3x30
MR0912-3940	3.9x40	MR0912-4832	4.8x32	MR0912-6340	6.3x40
MR0912-4213	4.2x13	MR0912-4840	4.8x40	MR0912-6350	6.3x50
MR0912-4216	4.2x16				



**Cross Recessed Tapping Screw Raised Countersunk Head DIN7983  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)	Art No.	Size (mm)	Art No.	Size (mm)
MR0913-2995	2.9x9.5	MR0913-4219	4.2x19	MR0913-4850	4.8x50
MR0913-2913	2.9x13	MR0913-4225	4.2x25	MR0913-5516	5.5x16
MR0913-2916	2.9x16	MR0913-4230	4.2x30	MR0913-5525	5.5x25
MR0913-3513	3.5x13	MR0913-4232	4.2x32	MR0913-5532	5.5x32
MR0913-3516	3.5x16	MR0913-4240	4.2x40	MR0913-5538	5.5x38
MR0913-3519	3.5x19	MR0913-4813	4.8x13	MR0913-5540	5.5x40
MR0913-3525	3.5x25	MR0913-4819	4.8x19	MR0913-5550	5.5x50
MR0913-3930	3.9x30	MR0913-4825	4.8x25	MR0913-6330	6.3x30
MR0913-3940	3.9x40	MR0913-4832	4.8x32	MR0913-6340	6.3x40
MR0913-4213	4.2x13	MR0913-4840	4.8x40	MR0913-6350	6.3x50
MR0913-4216	4.2x16				



**Wing Nut DIN315**

**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)
MR0914-0003	M3
MR0914-0004	M4
MR0914-0005	M5
MR0914-0006	M6
MR0914-0008	M8





### Dome Cap Nut DIN1587

Stainless Steel - AISI 304 / AISI 316

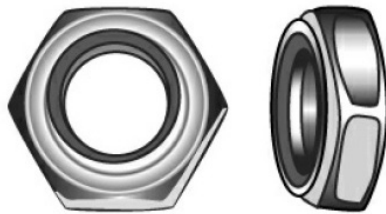
Art No.	Size
	(mm)
MR0915-0003	M3
MR0915-0004	M4
MR0915-0005	M5
MR0915-0006	M6
MR0915-0008	M8
MR0915-0010	M10
MR0915-0012	M12
MR0915-0016	M16



### Prevailing Torque Type Hexagon Nut With Nonmetallic Insert DIN985

Stainless Steel - AISI 304 / AISI 316

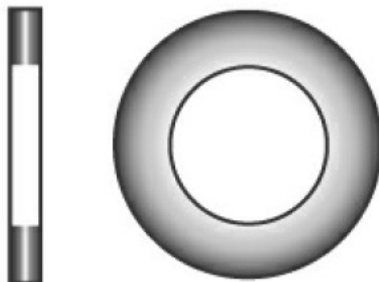
Art No.	Size
	(mm)
MR0916-0003	M3
MR0916-0004	M4
MR0916-0005	M5
MR0916-0006	M6
MR0916-0008	M8
MR0916-0010	M10
MR0916-0012	M12
MR0916-0016	M16



### Washer DIN125

Stainless Steel - AISI 304 / AISI 316

Art No.	Size
	(mm)
MR0917-0003	3
MR0917-0004	4
MR0917-0005	5
MR0917-0006	6
MR0917-0008	8
MR0917-0010	10
MR0917-0012	12
MR0917-0016	16



**Spring Lock Washer DIN127**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
	(mm)
MR0918-0003	3
MR0918-0004	4
MR0918-0005	5
MR0918-0006	6
MR0918-0008	8
MR0918-0010	10
MR0918-0012	12
MR0918-0016	16



**Cotter Pin DIN94**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
	(mm)
MR0919-0220	2x20
MR0919-2520	2.5x20
MR0919-3225	3.2x25
MR0919-3240	3.2x40
MR0919-0450	4x50



**Blind Rivet**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
	(mm)
MR0920-0312	3x12
MR0920-0416	4x16
MR0920-0418	4x18
MR0920-0520	5x20
MR0920-0525	5x25
MR0920-6420	6.4x20
MR0920-6425	6.4x25



**Blind Rivet Nut Small Flange**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
MR0921-0005	M5
MR0921-0006	M6
MR0921-0008	M8
MR0921-0010	M10

**Blind Rivet Nut Large Flange**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
MR0922-0005	M5
MR0922-0006	M6
MR0922-0008	M8
MR0922-0010	M10





**Countersunk Head Cap Screw  
DIN7991  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
MR0923-0610	M6x10
MR0923-0616	M6x16
MR0923-0620	M6x20
MR0923-0630	M6x30
MR0923-0816	M8x16

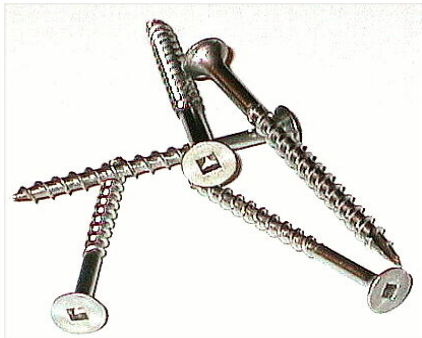


**Hexagon Socket Head Cap Screw  
DIN912  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
MR0924-0820	M8x20

**Thread Rod DIN975  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size
MR0925-0005	M5
MR0925-0006	M6
MR0925-0008	M8
MR0925-0010	M10
MR0925-0012	M12
MR0925-0016	M16



**Square Drive Decking Screws  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Length (mm)
MR0926-0838	8 gauge	38
MR0926-0850	8 gauge	50
MR0926-1050	10 gauge	50
MR0926-1250	12 gauge	50
MR0926-1450	14 gauge	50



**Bugle screws  
Stainless Steel - AISI 304 / AISI 316**

Art No.	Size	Length (mm)
MR0927-1450	14 gauge	50
MR0927-1475	14 gauge	75
MR0927-1410	14 gauge	100





**Rail Wood Screw**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)
MR0928-0438	4x38
MR0928-4838	4.8x38



**Button Head Socket Screw ISO7380**  
**Stainless Steel - AISI 304 / AISI 316**

Art No.	Size (mm)
MR0929-0530	M5x30
MR0929-0550	M5x50
MR0929-0620	M6x20
MR0929-0640	M6x40
MR0929-0820	M8x20
MR0929-0850	M8x50

### Mini Swaging Tools

Blades made of high quality alloy steel. Body heat treatment.  
 Cutting edges induction quenched. Locked automatically.  
 Used for swaging 3mm oval sleeve (Aluminum or Copper)

Art No.	Swaging Size (mm)	Length
MR0801-0008	3	8"
MR0801-0011	3	11"



### Swaging Tools

Blades drop-forged. Drop-forged joint arm.  
 Used for swaging 1/16" -3/16" oval sleeve (Aluminum or Copper)

Art No.	Swaging Size (mm)	Length
MR0802-0018	3/16"	18"



### Multi-Function Swaging Tools

Blades drop-forged with high quality alloy steel  
 Body heat treatment , Cutting edges induction quenched ,  
 Industry class quality  
 Used for cutting 6mm wire rope and press 1/16" -3/16" oval sleeve (Aluminum)

Art No.	Swaging Size		Length
	Soft Material	Medium Material	
MR0803-0014	3.5mm	1/8"	14"
MR0803-0024	5mm	3/16"	24"



## Multi-Function Swaging Tools Bench Type

Head drop-forged with alloy steel , body special heat treatment

Cutting edges induction quenched

Joint arms drop-forged , base precision casted , base measures 3x6" (76x152mm)

Used for cutting 6mm wire rope and press 1/16" -3/16" oval sleeve (Aluminum)

Operating by one hand for easy cutting

Art No.	Swaging Size		Length
	Soft Material	Medium Material	
MR0804-0024	6	3/16"	24"



## Wire Rope Cutter

Blades drop-forged with high quality alloy steel

Body heat treatment , Cutting edges induction quenched

Joint arms drop-forged , tubular handle for more strength and more light

Used for cutting wire rope,piano wire ,steel wire,ACSR cable and aircraft cable.

Industry class quality

Art No.	Cutting Size	Length
	(mm)	
MR0805-0008	5	8"
MR0805-0018	12	18"
MR0805-0024	16	24"
MR0805-0036	20	36"
MR0805-0042	24	42"

