



## JIANGSU HUAJIE STAINLESS STEEL PRODUCTS CO.,LTD

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### JIANGSU HUAJIE STAINLESS STEEL PRODUCTS CO.,LTD

specializes in Stainless steel grade 304 and 316 hardware manufacturing. Production includes precision casting, hot forging and machining. Products 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, cleats 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 mullite 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 top of the previous layer. When all five layers of ceramic are formed securely, the wax inside is removed using steam, heat and pressure. Molten stainless steel is then poured into the ceramic moldings for the product to take shape.



ceramic is removed

#### *2) Forging*

Forging utilizes mainly round bar sections, heated to 1020°C forging temperature. At this temperature, the stainless steel 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.

## Folding Anchor

Art No.	Material	Finish	Size (kg)
MM0101-0001	AISI316	High Polish	0.7
MM0101-0015	AISI316	High Polish	1.5
MM0101-0025	AISI316	High Polish	2.5
MM0101-0032	AISI316	High Polish	3.2
MM0101-0004	AISI316	High Polish	4
MM0101-0006	AISI316	High Polish	6
MM0101-0007	AISI316	High Polish	7
MM0101-0008	AISI316	High Polish	8
MM0101-0010	AISI316	High Polish	10
MM0101-0012	AISI316	High Polish	12
MM0101-0016	AISI316	High Polish	16
MM0101-0101	Cast Steel	Hot Dip Galv.	0.7
MM0101-0115	Cast Steel	Hot Dip Galv.	1.5
MM0101-0125	Cast Steel	Hot Dip Galv.	2.5
MM0101-0132	Cast Steel	Hot Dip Galv.	3.2
MM0101-0104	Cast Steel	Hot Dip Galv.	4
MM0101-0106	Cast Steel	Hot Dip Galv.	6
MM0101-0108	Cast Steel	Hot Dip Galv.	8
MM0101-0110	Cast Steel	Hot Dip Galv.	10
MM0101-0112	Cast Steel	Hot Dip Galv.	12
MM0101-0115	Cast Steel	Hot Dip Galv.	15



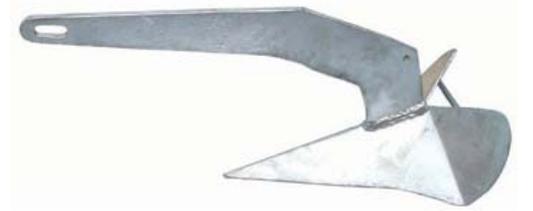
## Bruce Anchor

Art No.	Material	Finish	Size (kg)
MM0102-0001	AISI316	High Polish	1
MM0102-0002	AISI316	High Polish	2
MM0102-0025	AISI316	High Polish	2.5
MM0102-0003	AISI316	High Polish	3
MM0102-0005	AISI316	High Polish	5
MM0102-0075	AISI316	High Polish	7.5
MM0102-0010	AISI316	High Polish	10
MM0102-0015	AISI316	High Polish	15
MM0102-0020	AISI316	High Polish	20
MM0102-0025	AISI316	High Polish	25
MM0102-0030	AISI316	High Polish	30
MM0102-0050	AISI316	High Polish	50
MM0102-0102	Cast Steel	Hot Dip Galv.	2
MM0102-0105	Cast Steel	Hot Dip Galv.	5
MM0102-0175	Cast Steel	Hot Dip Galv.	7.5
MM0102-0110	Cast Steel	Hot Dip Galv.	10
MM0102-0115	Cast Steel	Hot Dip Galv.	15
MM0102-0120	Cast Steel	Hot Dip Galv.	20
MM0102-0125	Cast Steel	Hot Dip Galv.	25
MM0102-0130	Cast Steel	Hot Dip Galv.	30
MM0102-0150	Cast Steel	Hot Dip Galv.	50



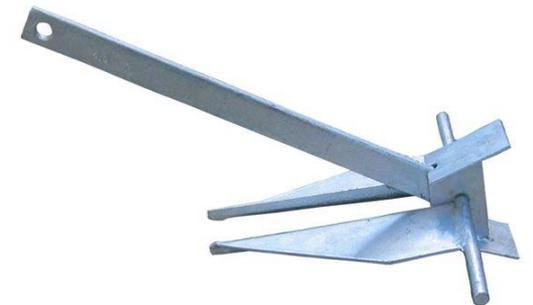
## Plow Anchor

Art No.	Material	Finish	Size (kg)
MM0103-0002	AISI316	High Polish	2
MM0103-0005	AISI316	High Polish	5
MM0103-0007	AISI316	High Polish	7
MM0103-0009	AISI316	High Polish	9
MM0103-0010	AISI316	High Polish	10
MM0103-0012	AISI316	High Polish	12
MM0103-0015	AISI316	High Polish	15
MM0103-0016	AISI316	High Polish	16
MM0103-0020	AISI316	High Polish	20
MM0103-0022	AISI316	High Polish	22
MM0103-0027	AISI316	High Polish	27
MM0103-0105	Cast Steel	Hot Dip Galv.	5
MM0103-0107	Cast Steel	Hot Dip Galv.	7
MM0103-0109	Cast Steel	Hot Dip Galv.	9
MM0103-0112	Cast Steel	Hot Dip Galv.	12
MM0103-0115	Cast Steel	Hot Dip Galv.	15
MM0103-0116	Cast Steel	Hot Dip Galv.	16
MM0103-0120	Cast Steel	Hot Dip Galv.	20
MM0103-0127	Cast Steel	Hot Dip Galv.	27



## Danforth Style Anchor

Art No.	Material	Finish	Size (kg)
MM0104-0002	AISI316	High Polish	2
MM0104-0003	AISI316	High Polish	3
MM0104-0035	AISI316	High Polish	3.5
MM0104-0045	AISI316	High Polish	4.5
MM0104-0006	AISI316	High Polish	6
MM0104-0075	AISI316	High Polish	7.5
MM0104-0010	AISI316	High Polish	10
MM0104-0012	AISI316	High Polish	12
MM0104-0016	AISI316	High Polish	16
MM0104-0020	AISI316	High Polish	20
MM0104-0025	AISI316	High Polish	25
MM0104-0030	AISI316	High Polish	30
MM0104-0050	AISI316	High Polish	50
MM0104-0060	AISI316	High Polish	60
MM0104-0068	AISI316	High Polish	68
MM0104-0102	Carbon Steel	Hot Dip Galv.	2
MM0104-0103	Carbon Steel	Hot Dip Galv.	3
MM0104-0135	Carbon Steel	Hot Dip Galv.	3.5
MM0104-0145	Carbon Steel	Hot Dip Galv.	4.5
MM0104-0106	Carbon Steel	Hot Dip Galv.	6
MM0104-0175	Carbon Steel	Hot Dip Galv.	7.5
MM0104-0110	Carbon Steel	Hot Dip Galv.	10
MM0104-0112	Carbon Steel	Hot Dip Galv.	12



MM0104-0116	Carbon Steel	Hot Dip Galv.	16
MM0104-0120	Carbon Steel	Hot Dip Galv.	20
MM0104-0125	Carbon Steel	Hot Dip Galv.	25
MM0104-0130	Carbon Steel	Hot Dip Galv.	30
MM0104-0150	Carbon Steel	Hot Dip Galv.	50
MM0104-0160	Carbon Steel	Hot Dip Galv.	60
MM0104-0168	Carbon Steel	Hot Dip Galv.	68

### Delta Anchor

Art No.	Material	Finish	Size (kg)
MM0105-0002	AISI316	High Polish	2
MM0105-0005	AISI316	High Polish	5
MM0105-0006	AISI316	High Polish	6
MM0105-0008	AISI316	High Polish	8
MM0105-0010	AISI316	High Polish	10
MM0105-0016	AISI316	High Polish	16
MM0105-0020	AISI316	High Polish	20
MM0105-0025	AISI316	High Polish	25
MM0105-0030	AISI316	High Polish	30
MM0105-0050	AISI316	High Polish	50
MM0105-0060	AISI316	High Polish	60
MM0105-0105	Carbon Steel	Hot Dip Galv.	5
MM0105-0106	Carbon Steel	Hot Dip Galv.	6
MM0105-0108	Carbon Steel	Hot Dip Galv.	8
MM0105-0110	Carbon Steel	Hot Dip Galv.	10
MM0105-0116	Carbon Steel	Hot Dip Galv.	16
MM0105-0120	Carbon Steel	Hot Dip Galv.	20
MM0105-0125	Carbon Steel	Hot Dip Galv.	25
MM0105-0130	Carbon Steel	Hot Dip Galv.	30
MM0105-0150	Carbon Steel	Hot Dip Galv.	50
MM0105-0160	Carbon Steel	Hot Dip Galv.	60



### Anchor Chain

#### High Polished Stainless Steel-AISI 316

Art No.	For Chain
MM0106-0106	6-8mm
MM0106-0110	10-12mm

### Anchor Swivel

#### High Polished Stainless Steel-AISI 316

Art No.	For Chain
MM0106-0206	6-8mm
MM0106-0210	10-12mm



**Double Anchor Swivel  
High Polished Stainless Steel-AISI 316**

Art No.	For Chain
MM0106-0306	6-8mm
MM0106-0310	10-12mm



**Bend Double Anchor Swivel  
High Polished Stainless Steel-AISI 316**

Art No.	For Chain
MM0106-0406	6-8mm
MM0106-0410	10-12mm



**Bow Roller  
High Polished Stainless Steel-AISI 316**

Art No.	For Anchor (kg)	Width (mm)
MM0107-0110	10	67
MM0107-0115	15	75
MM0107-0120	20	78
MM0107-0130	30	78



**Bow Roller  
High Polished Stainless Steel-AISI 316**

Art No.	For Anchor (kg)	Width (mm)
MM0107-0206	6-16	83
MM0107-0208	8-20	85



**Bow Roller  
High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)	Height (mm)
MM0107-0370	328x96	70
MM0107-0310	430x160	100



**Bow Roller  
High Polished Stainless Steel-AISI 316**

Art No.	Length (mm)	Height (mm)
MM0107-0475	155	75



**Bow Roller**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length (mm)
MM0107-0505	205



**Bow Roller**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length (mm)
MM0107-0640	340



**Bow Fairlead**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)	Length (mm)
MM0108-0190	90x90	130

**Mooring Device**  
**High Polished Stainless Steel-AISI 316**

Art No.	For Chain (mm)
MM0108-0206	6-8
MM0108-0210	10-12

**Fairlead With Two Wheels**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size (mm)
MM0108-0340	40x205
MM0108-0345	40x260



**Blue Water Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
MM0201-0004	4"
MM0201-0005	5"
MM0201-0006	6"
MM0201-0008	8"
MM0201-0010	10"
MM0201-0012	12"

**Herreshoff Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
MM0201-0104	4"
MM0201-0105	5"
MM0201-0106	6"
MM0201-0108	8"
MM0201-0110	10"
MM0201-0112	12"
MM0201-0115	15"





**Trimline Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
MM0201-0204	4"
MM0201-0205	5"
MM0201-0206	6"
MM0201-0208	8"
MM0201-0210	10"



**Low Silhouette Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
	(mm)
MM0201-0307	180
MM0201-0310	240
MM0201-0312	300
MM0201-0314	350



**Mast Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
MM0201-0404	4"
MM0201-0405	5"
MM0201-0406	6"
MM0201-0408	8"
MM0201-0410	10"



**Deck Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
MM0201-0506	6"
MM0201-0508	8"



**Deck Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
MM0201-0605	5"
MM0201-0606	6"



**Deck Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length
	(mm)
MM0201-0706	150
MM0201-0708	205
MM0201-0710	265
MM0201-0712	310





**Humpback Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length (mm)
MM0201-0806	150
MM0201-0808	200
MM0201-0810	250



**Humpback Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Length (mm)
MM0201-0906	150
MM0201-0908	200
MM0201-0910	250



**Camel Cleat Base**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)
MM0201-1025	25x65
MM0201-1035	35x90
MM0201-1050	50x110
MM0201-1060	60x140



**Flush Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)
MM0201-1105	5"
MM0201-1106	6"
MM0201-1108	8"
MM0201-1110	10"
MM0201-1112	12"



**Lift Eye Cleat**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)
MM0201-1206	6"



**Malleable Dolphin Bollard**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)
MM0202-0160	200x60x60



**Cast Malleable Dolphin Bollard  
High Polished Stainless Steel-AISI316**

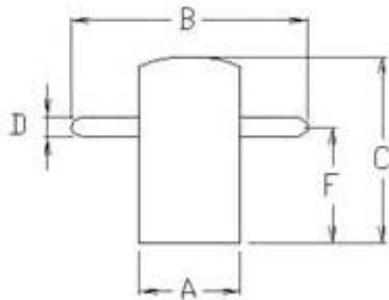
Art No.	Size
	(mm)
MM0202-0260	60x60x60

**Cast Horn Bollard  
High Polished Stainless Steel-AISI316**

Art No.	Size
	(mm)
MM0202-0304	4-3/4"
MM0202-0306	6"

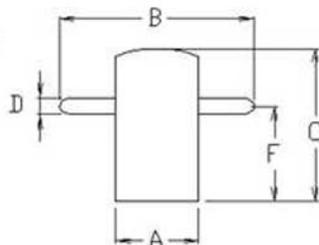
**Cast Bollard  
High Polished Stainless Steel - AISI 316**

Art No.	Size
	(mm)
MM0202-0408	200
MM0202-0410	240
MM0202-0412	300
MM0202-0414	350



**Welded Horn Bollard  
High Polished Stainless Steel - AISI 316**

Art No.	A	B	C	D	F	Weight
	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
MM0202-0538	38x1.5	98	90	10	48	0.193
MM0202-0550	50x2.0	120	100	12	55	0.361
MM0202-0560	60x2.0	160	115	12	62	0.507
MM0202-0576	76x2.5	210	150	14	85	0.872
MM0202-0589	89x2.5	250	160	14	87	1.258
MM0202-0502	102x2.5	280	180	16	98	1.952



**Welded Horn Bollard  
High Polished Stainless Steel - AISI 316**



Art No.	A	B	C	D	Base	F	Weight
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
MM0202-0638	38x1.5	98	90	10	57x57x2.5	48	0.23
MM0202-0650	50x2.0	120	100	12	72x72x2.5	55	0.435
MM0202-0660	60x2.0	160	115	12	90x90x3.0	62	0.63
MM0202-0676	76x2.5	210	150	14	110x110x3.5	85	1.086
MM0202-0689	89x2.5	250	160	14	134x134x3.5	87	1.578
MM0202-0602	102x2.5	280	180	16	148x148x4.0	98	2.392

**Hawse Pipe**  
**High Polished Stainless Steel - AISI 316**

Art No.	Size
	(mm)
MM0203-0105	136x63
MM0201-0106	162x82



**Straight Chock**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0203-0204	4"
MM0203-0205	5"
MM0203-0206	6"
MM0203-0208	8"
MM0203-0210	10"

**Skene Bow Chock**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0203-0306	6"
MM0203-0308	8"
MM0203-0310	10"



**Skene Bow Chock**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0203-0404	4-1/2"
MM0203-0406	6"

**Bow** .....  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0203-0504	4-1/2"
MM0203-0506	6"





**Bow Chock**  
High Polished Stainless Steel-AISI 316

Art No.	Size
MM0203-0604	4-1/2"
MM0203-0606	6"



**Skene Bow Chock**  
High Polished Stainless Steel-AISI 316

Art No.	Size
MM0203-0704	4-1/2"
MM0203-0706	6"



**Short Handle**  
High Polished Stainless Steel-AISI 316

Art No.	Type	Length (mm)	Height (mm)
MM0204-0101	Two 8mm Studs	170	40
MM0204-0102	Two Screws	170	40



**Long Handle**  
High Polished Stainless Steel-AISI 316

Art No.	Type	Length (mm)	Height (mm)
MM0204-0201	Two 8mm Studs	170	40
MM0204-0202	Two Screws	170	40



**Top Cap**  
High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-0122	7/8"
MM0205-0125	1"



**Top Cap**  
High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-0222	7/8"
MM0205-0225	1"



**Top Slide  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0322	7/8"
MM0205-0325	1"



**Heavy Duty Top Slide  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0422	7/8"
MM0205-0425	1"



**Stanchion 60°  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0522	7/8"
MM0205-0525	1"



**Center Stanchion 60°  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0622	7/8"
MM0205-0625	1"



**Forward Stanchion 60°  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0722	7/8"
MM0205-0725	1"



**Forward Stanchion 60°  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0822	7/8"
MM0205-0825	1"



**Center Stanchion 60°  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-0922	7/8"
MM0205-0925	1"

**Rail Center 60°  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-1022	7/8"
MM0205-1025	1"





**Round Base  
High Polished Stainless Steel-AISI 316**

Art No.	Type	Size
MMO205-1105	30°	7/8"
MMO205-1110	30°	1"
MMO205-1115	45°	7/8"
MMO205-1120	45°	1"
MMO205-1125	60°	7/8"
MMO205-1130	60°	1"
MMO205-1135	90°	7/8"
MMO205-1140	90°	1"



**Rectangular Base  
High Polished Stainless Steel-AISI 316**

Art No.	Type	Size
MMO205-1205	30°	7/8"
MMO205-1210	30°	1"
MMO205-1215	45°	7/8"
MMO205-1220	45°	1"
MMO205-1225	60°	7/8"
MMO205-1230	60°	1"
MMO205-1235	90°	7/8"
MMO205-1240	90°	1"



**Welded Round Base  
High Polished Stainless Steel-AISI 316**

Art No.	Type	Size
MMO205-1315	45°	7/8"
MMO205-1320	45°	1"
MMO205-1325	60°	7/8"
MMO205-1330	60°	1"
MMO205-1335	90°	7/8"
MMO205-1340	90°	1"



**Welded Rectangular Base  
High Polished Stainless Steel-AISI 316**

Art No.	Type	Size
MMO205-1415	45°	7/8"
MMO205-1420	45°	1"
MMO205-1425	60°	7/8"
MMO205-1430	60°	1"
MMO205-1435	90°	7/8"
MMO205-1440	90°	1"



**Right Tee 60 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MMO205-1522	7/8"
MMO205-1525	1"



**Left Tee 60 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MMO205-1622	7/8"
MMO205-1625	1"





**Tee 90 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-1722	7/8"
MM0205-1725	1"



**Coner 90 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-1822	7/8"
MM0205-1825	1"



**Top Tee 60 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-1922	7/8"



**Top Tee 60 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-2022	7/8"



**Corner 90 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-2122	7/8"
MM0205-2125	1"



**Cross 90 Degree  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-2222	7/8"
MM0205-2225	1"

**Blind Base  
High Polished Stainless Steel - AISI 316**

Art No.	Size
MM0205-2322	7/8"
MM0205-2325	1"



## Elbow Form

### High Polished Stainless Steel - AISI 316

Art No.	Degree	Size
MM0205-2405	110°	7/8"
MM0205-2410	110°	1"
MM0205-2415	120°	7/8"
MM0205-2420	120°	1"
MM0205-2425	140°	7/8"
MM0205-2430	140°	1"



## End Bottom Mount

### High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-2522	7/8"
MM0205-2525	1"



## Rail End

### High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-2622	7/8"
MM0205-2625	1"



## Rail End

### High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-2722	7/8"
MM0205-2725	1"



## Bullet End Plug

### High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-2822	7/8"
MM0205-2825	1"



## Fastening For Boat Corner

### High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-2922	7/8"
MM0205-2925	1"

## Elbow Ancher Eye

### High Polished Stainless Steel-AISI 316

Art No.	Size
MM0205-3022	7/8"
MM0205-3025	1"





**Top Slide**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3125	1"
MM0205-3132	1-1/4"



**Top Slide**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3222	7/8"
MM0205-3225	1"
MM0205-3232	1-1/4"



**Knuckle Joint**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3322	7/8"
MM0205-3325	1"



**Internal Swivel Joint**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3422	7/8"
MM0205-3425	1"



**Spring External Swivel Joint**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3522	7/8"
MM0205-3525	1"



**Rail Mount Bracket**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3622	7/8"
MM0205-3625	1"



**Rail Mount Bracket**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3722	7/8"
MM0205-3725	1"



**Turnbuckle Top Cap**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0205-3822	7/8"
MM0205-3825	1"



**Adjustable Top Cap  
High Polished Stainless Steel - AISI 316**

Art No.	Size
MM0205-3922	7/8"
MM0205-3925	1"



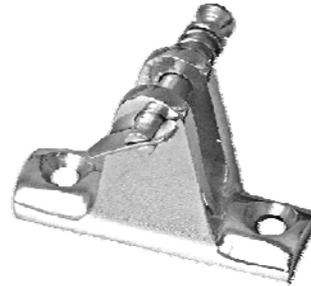
**Deck Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0102	2-1/4"



**Concave Deck Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0202	2-1/4"



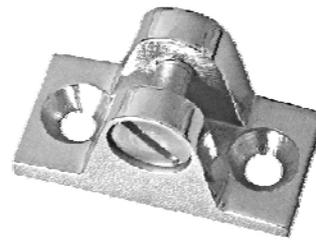
**Deck Hinge With Release Pin  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0302	2-1/4"



**Concave Deck Hinge With Release Pin  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0402	2-1/4"



**Deck Hinge 80° Angle  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0502	2-1/4"



**Heavy Duty Deck Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0602	2-1/4"



**Side Deck Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0702	2"



**Side Deck Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-0802	2-13/16"



**Adjustable Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)
MM0206-0902	70



**Removable Deck Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size (mm)
MM0206-1002	90x40



**Butt Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1101	1-1/2" x 1-1/2"
MM0206-1102	2" x 2"



**Door Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1201	1-1/2" x 3"



**Door Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1302	2-1/4" x 1-1/2"



**Strap Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1404	4" x 1"



**Hatch Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1503	3" x 2-1/2"

**Hatch Hinge  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1602	3-1/2" x 3"
MM0206-1603	3-1/3" x 3"





**External Hinge**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
	(mm)
MM0206-1702	55x30x10



**Door Hinge**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
	(mm)
MM0206-1802	45x45



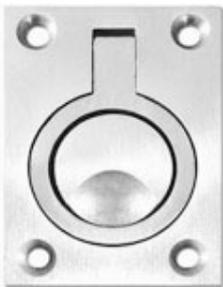
**Turning Lock Lift Handle**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0206-1903	2-5/8" x 3-1/8"



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

Art No.	Size
MM0206-2002	1-1/2"x1-1/2"



**Flush Lift Ring**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
	(mm)
MM0206-2102	62x44



**Spring Lift Ring**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
	(mm)
MM0206-2202	44x38



**Eccentric Latch**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
	(mm)
MM0206-2202	105x50



**Eccentric Latch**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
	(mm)
MM0206-2302	82x30



**Heavy Duty Lift Handle  
High Polished Stainless Steel - AISI 316**

Art No.	Size
	(mm)
MM0206-2402	82x30



**Hose Deck Fill  
High Polished Stainless Steel-AISI316**

Art No.	Type	Size
MM0207-0105	Fuel	1-1/2"
MM0207-0110	Fuel	2"
MM0207-0115	Diesel	1-1/2"
MM0207-0120	Diesel	2"
MM0207-0125	Water	1-1/2"
MM0207-0130	Water	2"
MM0207-0135	Waste	1-1/2"
MM0207-0140	Waste	2"

**Hose Deck Fill  
High Polished Stainless Steel-AISI316**

Art No.	Type	Size
MM0207-0205	Fuel	1-1/2"
MM0207-0210	Fuel	2"
MM0207-0215	Diesel	1-1/2"
MM0207-0220	Diesel	2"
MM0207-0225	Water	1-1/2"
MM0207-0230	Water	2"
MM0207-0235	Waste	1-1/2"
MM0207-0240	Waste	2"



**Hose Deck Fill  
High Polished Stainless Steel - AISI 316**

Art No.	Type	Size
MM0207-0305	Fuel	1-1/2"
MM0207-0310	Fuel	2"
MM0207-0315	Diesel	1-1/2"
MM0207-0320	Diesel	2"
MM0207-0325	Water	1-1/2"
MM0207-0330	Water	2"
MM0207-0335	Waste	1-1/2"
MM0207-0340	Waste	2"
MM0207-0345	Gas	1-1/2"
MM0207-0350	Gas	2"

**Hose Deck Fill  
High Polished Stainless Steel - AISI 316**

Art No.	Type	Size
MM0207-0405	Fuel	1-1/2"
MM0207-0410	Fuel	2"
MM0207-0415	Diesel	1-1/2"
MM0207-0420	Diesel	2"
MM0207-0425	Water	1-1/2"
MM0207-0430	Water	2"
MM0207-0435	Waste	1-1/2"
MM0207-0440	Waste	2"





**Though Hull  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0207-0620	3/4"
MM0207-0625	1"
MM0207-0632	1-1/4"
MM0207-0638	1-1/2"
MM0207-0650	2"



**Though Hull  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0207-0720	3/4"
MM0207-0725	1"
MM0207-0732	1-1/4"
MM0207-0738	1-1/2"
MM0207-0750	2"



**Scupper  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0207-0820	3/4"
MM0207-0825	1"
MM0207-0832	1-1/4"
MM0207-0838	1-1/2"
MM0207-0850	2"



**Strainer  
High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0207-0920	3/4"
MM0207-0925	1"
MM0207-0932	1-1/4"
MM0207-0938	1-1/2"
MM0207-0950	2"
MM0207-0963	2-1/2"
MM0207-0975	3"

**Deck Plate  
High Polished Stainless Steel - AISI 316**

Art No.	Size
MM0207-1003	3"
MM0207-1004	4"
MM0207-1005	5"
MM0207-1006	6"





**Rod Holder**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0208-0102	2"



**Rod Holder**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0208-0202	2"



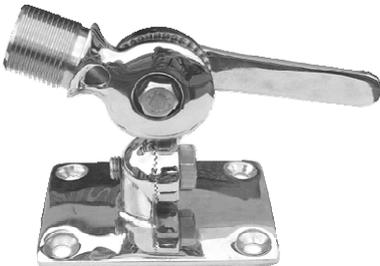
**Rod Holder**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0208-0302	2"



**Rod Holder**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0208-0302	1-1/4"



**Antenna Ratchet Mount**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0208-0404	4-1/4"
MM0208-0406	6"



**Ski Tow Ring**  
**High Polished Stainless Steel-AISI 316**

Art No.	Size
MM0208-0502	2-1/2"
MM0208-0503	3"