

MILLENNIUM COUPLING COMPANY

“WE WORK UNDER PRESSURE!”

STAINLESS STEEL CLAMPING SYSTEMS



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BAND & BUCKLE SYSTEM - GRADE 316 STAINLESS STEEL**FEATURES & APPLICATIONS**

Uncoated grade 316 stainless steel banding and buckles.

Offers superior corrosion resistance in marine, mild chemical and fresh water applications.

High strength fastening that can be made to suit virtually any diameter or dimensions.

Band clamps can be formed over any shape or curvature.

Buckles can hold a single or double wrapped band configurations.

Easy to install using MCC Screw Action Tool (MC0016) or market equivalent.

**Stainless Steel Banding
Grade 316 Stainless Steel**

PART#	MATERIAL	WIDTH		THICKNESS	ROLL LENGTH	TOTE	WEIGHT (ROLL)
MC403	Grade 316 SS	9.6mm	3/8"	0.64mm	30.4m	-	1.67kg
MC404	Grade 316 SS	12.7mm	1/2"	0.76mm	30.4m	-	2.53kg
MC405	Grade 316 SS	15.9mm	5/8"	0.76mm	30.4m	-	?
MC406	Grade 316 SS	19.1mm	3/4"	0.76mm	30.4m	-	?

**Stainless Steel Buckles
Grade 316 Stainless Steel**

PART#	MATERIAL	TO SUIT BAND WIDTH		BOX QTY	WEIGHT (BOX)
MC453	Grade 316 SS	9.6mm	3/8"	100	?
MC454	Grade 316 SS	12.7mm	1/2"	100	0.71kg
MC455	Grade 316 SS	15.9mm	5/8"	100	0.95kg
MC456	Grade 316 SS	19.1mm	3/4"	100	1.29kg



BAND & BUCKLE SYSTEM - 200 SERIES

BAND & BUCKLE SYSTEM - 200 SERIES STAINLESS STEEL

FEATURES & APPLICATIONS

Uncoated 200 series stainless steel banding and buckles.
 Offers good resistance to oxidation and many moderate corrosive agents.
 High strength fastening that can be made to suit virtually any diameter or dimensions.
 Band clamps can be formed over any shape or curvature.
 Buckles available in a range of styles including screw lock, that feature a mechanism for re-tensioning clamps.
 Easy to install using MCC Screw Action Tool (MC0016) or market equivalent.
 Band available in plastic tote for easy dispensing, durability and usage viability (sizes 12.7mm, 15.9mm & 19.1mm)



Stainless Steel Banding 200 Series Stainless Steel

PART#	MATERIAL	WIDTH		THICKNESS	ROLL LENGTH	TOTE	WEIGHT (ROLL)
MC202	200 series SS	6.4mm	1/4"	0.51mm	30.4m	-	0.92kg
MC203	200 series SS	9.6mm	3/8"	0.64mm	30.4m	-	1.59kg
MC203Y	200 series SS	9.6mm	3/8"	0.64mm	30.4m	YELLOW	1.59kg
MC204	200 series SS	12.7mm	1/2"	0.76mm	30.4m	-	3.72kg
MC204B	200 series SS	12.7mm	1/2"	0.76mm	30.4m	BLUE	2.59kg
MC205	200 series SS	15.9mm	5/8"	0.76mm	30.4m	-	3.15kg
MC205G	200 series SS	15.9mm	5/8"	0.76mm	30.4m	GREEN	3.15kg
MC206	200 series SS	19.1mm	3/4"	0.76mm	30.4m	-	3.72kg

Stainless Steel Buckles 200 Series Stainless Steel



PART#	BUCKLE STYLE	MATERIAL	TO SUIT BAND WIDTH		BOX QTY	WEIGHT (BOX)
MC253	BUCKLE	200 series SS	9.6mm	3/8"	100	0.43kg
MC254	BUCKLE	200 series SS	12.7mm	1/2"	100	0.66kg
MC255	BUCKLE	200 series SS	15.9mm	5/8"	100	0.93kg
MC256	BUCKLE	200 series SS	19.1mm	3/4"	100	1.27kg
MC252	CLIP		6.4mm	1/4"	100	0.43kg
MC722	SCREW LOCK		9.6mm	3/8"	50	
MC724	SCREW LOCK		12.7mm	1/2"	25	
MC726	SCREW LOCK		19.1mm	3/4"	25	



GIANT BAND & BUCKLE SYSTEM - 200 SERIES STAINLESS STEEL**FEATURES & APPLICATIONS**

Uncoated 200 series stainless steel large size banding and buckles.
 Giant sizes offer larger band widths and band thickness, suitable for applications requiring superior strength.
 Offers good resistance to oxidation and many moderate corrosive agents.
 High strength fastening that can be made to suit any diameter or dimensions.
 Band clamps can be formed over any shape or curvature.
 Buckles can hold a single or double wrapped band configurations.
 Easy to install using MCC Giant Tool (MG402) or market equivalent.

**GIANT Stainless Steel Banding
200 Series Stainless Steel**

PART#	MATERIAL	WIDTH		THICKNESS	ROLL LENGTH	TOTE	WEIGHT (ROLL)
MG430	200 series SS	19.1mm	3/4"	1.1mm	30.4m	-	4.65
MG431	200 series SS	25.4mm	1"	1.1mm	30.4m	-	26.87?
MG432	200 series SS	31.8mm	1 1/4"	1.1mm	30.4m	-	25.75?

**GIANT Stainless Steel Buckles
200 Series Stainless Steel**

PART#	STYLE	MATERIAL	TO SUIT BAND WIDTH		BOX QTY	WEIGHT (BOX)
MG440	BUCKLE	200 series SS	19.1mm	3/4"	100	0.8kg
MG441	BUCKLE	200 series SS	25.4mm	1"	100	1.1kg
MG442	BUCKLE	200 series SS	31.8mm	1 1/4"	100	1.4kg

ECONOMY BAND

ECONOMY BAND

FEATURES & APPLICATIONS

Economical banding, suitable for light duty applications.

Made with uncoated 200 or 300 series stainless steel.

Versatile fastening that can be made to suit any diameter or dimensions.

Also available in double coil lengths - 12.7mm only.

Easy to install using MCC Screw Action Tool (MC0016) or market equivalent.



Economy Stainless Steel Banding 200 / 300 Series Stainless Steel

PART#	MATERIAL	WIDTH		THICKNESS	ROLL LENGTH	TOTE	WEIGHT (ROLL)
MC133	200/300 series SS	9.6mm	1/4"	0.38mm	30.4m	-	1.03kg
MC134	200/300 series SS	12.7mm	1/2"	0.38mm	30.4m	-	1.32kg
MC128	200/300 series SS	12.7mm	1/2"	0.38mm	60.8m	-	2.64kg
MC135	200/300 series SS	15.9mm	5/8"	0.38mm	30.4m	-	1.62kg
MC136	200/300 series SS	19.1mm	3/4"	0.38mm	30.4m	-	1.92kg

PREFORMED CLAMPS - J-SERIES UNIVERSAL CLAMPS

FEATURES & APPLICATIONS

Uncoated 200 series stainless steel with grade 304 stainless steel buckles.

Offers good resistance to oxidation and many moderate corrosive agents.

Vibration resistant lip wrap lock design.

Lock is formed by a simple lever movement, no hammering or crimping.

Double wrapped for additional strength.

Easy to install using MCC Screw Action Tool (MC0016) or market equivalent with MJ001 with J-Series Adaptor or MJ050 Heavy Duty J-Series Adaptor.

Available to purchase per EA



J-Series Universal Clamps

PART#	BAND WIDTH		CLAMP ID	THICKNESS	WEIGHT (EA)	BOX QTY
MJS240	6.4mm	1/4"	20mm	0.51mm	0.01kg	100
MJS242	6.4mm	1/4"	25mm	0.51mm	0.01kg	100
MJS241	6.4mm	1/4"	34mm	0.51mm		
MJS252	6.4mm	1/4"	38mm	0.51mm	0.01kg	100
MJS253	6.4mm	1/4"	50mm	0.51mm	0.01kg	100
MJS256	6.4mm	1/4"	69mm	0.51mm	0.02kg	50
MJS244	6.4mm	1/4"	76mm	0.51mm		
MJS257	6.4mm	1/4"	88mm	0.51mm		
MJS201	9.6mm	3/8"	20mm	0.64mm	0.02kg	100
MJS243	9.6mm	3/8"	25mm	0.64mm	0.02kg	100
MJS202	9.6mm	3/8"	34mm	0.64mm	0.02kg	100
MJS245	9.6mm	3/8"	50mm	0.64mm	0.03kg	100
MJS246	9.6mm	3/8"	76mm	0.64mm	0.04kg	50
MJS255	9.6mm	3/8"	88mm	0.64mm	0.04kg	50

PART#	BAND WIDTH		CLAMP ID	THICKNESS	WEIGHT (EA)	BOX QTY
MJS203	12.7mm	1/2"	25mm	0.76mm	0.03kg	100
MJS204	12.7mm	1/2"	31mm	0.76mm	0.04kg	100
MJS236	12.7mm	1/2"	44mm	0.76mm	0.04kg	50
MJS230	12.7mm	1/2"	69mm	0.76mm	0.06kg	50
MJS249	12.7mm	1/2"	101mm	0.76mm	0.08kg	25
MJS205	15.9mm	5/8"	38mm	0.76mm	0.05kg	100
MJS206	15.9mm	5/8"	44mm	0.76mm	0.05kg	100
MJS207	15.9mm	5/8"	50mm	0.76mm	0.06kg	100
MJS208	15.9mm	5/8"	57mm	0.76mm	0.06kg	100
MJS209	15.9mm	5/8"	63mm	0.76mm	0.07kg	50
MJS210	19.1mm	3/4"	69mm	0.76mm	0.09kg	50
MJS211	19.1mm	3/4"	76mm	0.76mm	0.09kg	50
MJS212	19.1mm	3/4"	88mm	0.76mm	0.10kg	50
MJS213	19.1mm	3/4"	101mm	0.76mm	0.12kg	25
MJS214	19.1mm	3/4"	114mm	0.76mm		
MJS215	19.1mm	3/4"	127mm	0.76mm	0.14kg	25
MJS216	19.1mm	3/4"	152mm	0.76mm		



PREFORMED CLAMPS

PREFORMED CLAMPS - UL-SERIES CLAMPS

FEATURES & APPLICATIONS

Uncoated 200 series stainless steel with grade 304 stainless steel buckles.
 Offers good resistance to oxidation and many moderate corrosive agents.
 Thicker buckle offers greater strength.
 Lock formed under full tension for maximum tightness.
 Designed to reduce leak paths with smooth interior diameter.
 Suitable for the most demanding suction and delivery hose assembly applications.
 Install with electric, cordless, pneumatic tools.
 Available to purchase per EA.



UL Series Clamps

PART#	BAND WIDTH		CLAMP ID	THICKNESS	WEIGHT (EA)	BOX QTY
MUL227	19.1mm	3/4"	50mm	0.76mm	0.08kg	50
MUL210	19.1mm	3/4"	69mm	0.76mm	0.09kg	50
MUL211	19.1mm	3/4"	76mm	0.76mm	0.10kg	50
MUL212	19.1mm	3/4"	88mm	0.76mm	0.11kg	25
MUL213	19.1mm	3/4"	101mm	0.76mm	0.12kg	25
MUL215	19.1mm	3/4"	127mm	0.76mm	0.14kg	25
MUL270	19.1mm	3/4"	139mm	0.76mm		
MUL216	19.1mm	3/4"	152mm	0.76mm		
MUL217	19.1mm	3/4"	165mm	0.76mm	0.18kg	20
MUL219	19.1mm	3/4"	203mm	0.76mm		
MUL228	19.1mm	3/4"	228mm	0.76mm		

PREFORMED CLAMPS - CENTRE PUNCH CLAMPS

FEATURES & APPLICATIONS

Uncoated 200 series stainless steel with grade 304 stainless steel buckles.

Offers good resistance to oxidation and many moderate corrosive agents.

Quick & simple installation.

Simple locking design for economical solutions.

Double wrapped 200 Stainless Steel for superior strength.

Lock with impact from a hammer using a conical punch within the tool.

Not recommended for use with fittings that may crack as a result of impact or poly fittings.

Easy to install using MCC Centre Punch Tool (MT3006) or market equivalent.

Available to purchase per EA



Centre Punch Clamps

PART#	BAND WIDTH		CLAMP ID	THICKNESS	WEIGHT (EA)	BOX QTY
MCP4S	15.9mm	5/8"	25mm	0.76mm	0.04kg	100
MCP5S	15.9mm	5/8"	32mm	0.76mm	0.04kg	100
MCP6S	15.9mm	5/8"	38mm	0.76mm	0.04kg	100
MCP7S	15.9mm	5/8"	44mm	0.76mm	0.05kg	100
MCP8S	15.9mm	5/8"	51mm	0.76mm	0.05kg	100
MCP9S	15.9mm	5/8"	57mm	0.76mm	0.06kg	50
MCP10S	15.9mm	5/8"	64mm	0.76mm	0.06kg	50
MCP11S	15.9mm	5/8"	70mm	0.76mm	0.06kg	50
MCP12S	15.9mm	5/8"	76mm	0.76mm	0.07kg	50
MCP14S	15.9mm	5/8"	89mm	0.76mm	0.08kg	50
MCP16S	15.9mm	5/8"	102mm	0.76mm	0.09kg	25
MCP18S	15.9mm	5/8"	114mm	0.76mm	0.10kg	25
MCP20S	15.9mm	5/8"	127mm	0.76mm	0.11kg	25
MCP24S	15.9mm	5/8"	152mm	0.76mm	0.12kg	25

BANDING TOOLS & J-SERIES ADAPTORS

FEATURES & APPLICATIONS

Heavy duty forged steel tools.

Use to install standard band and buckle systems and free end clamps.

May be used to install J-SERIES clamps with the addition of the J-SERIES adaptor (MJ001) or the Heavy Duty J-SERIES adaptor (MJ050)



Banding Tools & J-SERIES Adaptors

IMAGE	PART#	DESCRIPTION
a.	MC0016	MCC Banding Tool - use to install standard band and buckle systems and free end clamps
b.	MG402	GIANT Banding Tool - use to install band and buckle systems with 19.1 - 38.1mm widths.
c.	MJ050	Heavy duty J-SERIES tool adaptor - use with MC0016 to install J-SERIES preformed clamps Ratchet mechanism makes easy work of clamp application, recommended for frequent use applications.
d.	MJ001	J-SERIES tool adaptor - use with MC0016 to install J-SERIES preformed clamps. Manual application tool.
e.	MJ930	Replacement cutter blade to suit J-SERIES adaptors.

CENTRE PUNCH TOOL

FEATURES & APPLICATIONS

Heavy duty forged steel tool.

Use to install fit and adjust centre punch clamps before locking under impact of hammer.

Not to be used on fittings that may crack as a result of impact.

Comes with adaptor for 3/8 band.



MCC Centre Punch Tool

IMAGE	PART#	DESCRIPTION
a.	MT3006	MCC Centre Punch Tool

WORM DRIVE SEALS & KIT**FEATURES & APPLICATIONS**

A versatile and highly adaptable seal, most suitable for larger diameters.

Ideal for installation work in air conditioning systems, insulation, clamping filter cloths or bundling cables.

No special tools required.

Material Grade: CrNi Stainless Steel

Suits 9.6 mm band.

Available in packs of 10 or complete with 30.4 metres of SS 9.6mm Band.



a.



b.

Worm Drive Seals & Kit

IMAGE	PART#	DESCRIPTION
a.	MM211	Worm Drive Seal Pack (10)
b.	MM210	Worm Drive Seal Pacl (10) plus 200/300 series 9.6mm Economy Stainless Steel Banding [MM211 + MC133]

MATERIAL SUITABILITY CHART

METALS DATA

	MATERIAL			
	GRADE - 316	GRADE -304	200 SERIES	200/300 SERIES
MATERIAL COMPOSITION				
Principal Alloying Elements %	C - 0.08Max Mn - 2.00Max Si - 0.75Max Cr - 16.00-18.00 Ni - 10.00-14.00 Mo- 2.00-3.00	C - 0.08Max Mn - 2.00Max Si - 1.0Max Cr - 18.00-20.00 Ni - 8.00-10.50	C - Mn - Si - Cr - Ni - Mo-	- - - - - -
PHYSICAL PROPERTIES				
Structure	Austenitic	Austenitic	Austenitic	Austenitic
MECHANICAL PROPERTIES				
Rockwall Hardness	70 - 85 _B	70 - 90R _B	90 - 95R _B	70 - 95R _B
Ultimate Tensile Strength	80,000	75,000	100,000	75,000
Yield Strength	35,000	30,000	45,000	30,000
% Elongation in 2"	35	30	40	30
CORROSION RESISTANCE				
Mild Atmospheric and Fresh Water	Excellent	Very Good	Good	Good
Industrial Atmospheric	Very Good	Very Good	Good	Good
Marine Atmospheric	Very Good	Good	Fair	Fair
Salt Water	Good	No	No	No
Mild Chemical	Good	Good	Fair	Fair
Oxidizing Chemical	Good	Good	Fair	Fair
Reducing Chemical	Good	No	No	No
APPLICATIONS & PRODUCT USAGE				
Typical Applications	Marine, Chemical, Food & Beverage, Petroleum, Paper, Textile etc.	Chemical, Food & Beverage, Dairy, Hospitals, Electrical Power Transmission etc.	Municipal, Construction, Automotive etc.	Municipal, Construction etc.
Product Usage	Grade 316 Brand & Buckle System	UL Series Clamps CP Series Clamp (Buckle Only) J Series Clamp (Buckle Only)	CP Series Clamp J Series Clamp 200 Series Band & Buckle System GIANT Band & Buckle System Worm Drive Seals?	Economy Band



STAINLESS STEEL CLAMPING SYSTEMS

