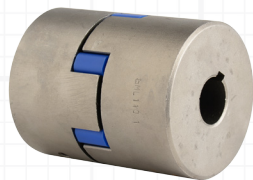


Martin Coupling Nomenclature

Coupling Nomenclature



Quadra-Flex®
Couplings



Jaw
Couplings



Martin-Flex®
Couplings



Covers



Chain
Couplings

Coupling Comparison Chart

Type	Connecting Medium	Max. HP per 100 RPM	RPM	Max. Bore Range	Allowable Misalignment		Shock Load Capacity	Vibration Dampening	Temperature	
					Angle	Parallel			Range	Fahrenheit
Chain	Roller Chain	700	5000	3/8" – 6 1/8"	2°	.015	NONE	NONE	-30°	225°
Jaw	Elastomeric Spider	3.6	3600	1/8" – 2 5/8"	1°	.015	MODERATE	MODERATE	-60°	225° *
Martin-Flex®	Elastomeric Tire	14.4	4500	3/8" – 3 1/2"	4°	1/8	EXCELLENT	EXCELLENT	-45°	225° **
Quadra-Flex®	Elastomeric Sleeve	115	9200	1/2" – 6"	.033°	.062	EXCELLENT	EXCELLENT MODERATE	-50° -30°	225° *** 225° ****

* With Hytrel® Spider

** With Neoprene Element

*** With TPR Sleeve

**** With EPDM Sleeve

Coupling Nomenclature

Quadra-Flex® Flanges

Size **5 J 3/4** Bore
3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16
(Inches or Millimeters)

Flange	Hubs (for SC flanges)
J Sintered Steel, Bored-To-Size	H Spacer Coupling Hub
S Cast Iron, Bored-To-Size	HS Spacer Coupling Hub Short
B Cast Iron, QD Bushing	
SC Spacer Coupling Flange	

Note: Bored-to-Size flanges are furnished with standard keyway and 2 setscrews unless specified otherwise

Quadra-Flex® Sleeves

Size **8 JEM** Material
3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16

JEM TPR - 1 piece solid, Thermoplastic
JEMS TPR - 1 piece split, Thermoplastic
EM TPR - 2 piece with retaining ring
E EPDM - 2 piece with retaining ring
N Neoprene - 2 piece with retaining ring
H Hytrel - 1 piece solid
HS Hytrel - 2 piece

The complete Quadra-Flex Coupling assembly consists of 2 flanges and a sleeve.

When ordering the flange, specify coupling size, followed by the flange type and finally the bore size. When ordering the coupling sleeve, specify the coupling size followed by the letters designating the material required.

Jaw Couplings

Type **ML 090 1** Bore
ML Universal Series
MS Super Series
(Inches or Millimeters)

Size	Element (Spider)
035, 050, 070, 075, 090, 095, 099, 100, 110, 150, 190, 225	SRL Spider Buna-N
	SHL Spider Hytrel
	SUL Spider Urethane
	SBL Spider Bronze

Chain Couplings

Chain Size **4016 1 1/4** Bore
4012 6022
4016 8018
5016 8020
5018 10018
6018 10020
6020 12018
12022
(Inches or Millimeters)

or Bushing
QD JA, SH, SK, SF
TBF Taper Bushed Flange
TBH Taper Bushed Hub

4016 CHN Chain

4016 COV Cover
Plastic Cover – 4012 to 6020
Aluminum Cover – 6022 to 12022

Martin-Flex®

Coupling Sizes **F5 JA** Bushing
5, 6, 7, 8, 9, 10, 11, 12
JA, SDS, SF, SH, SK, E