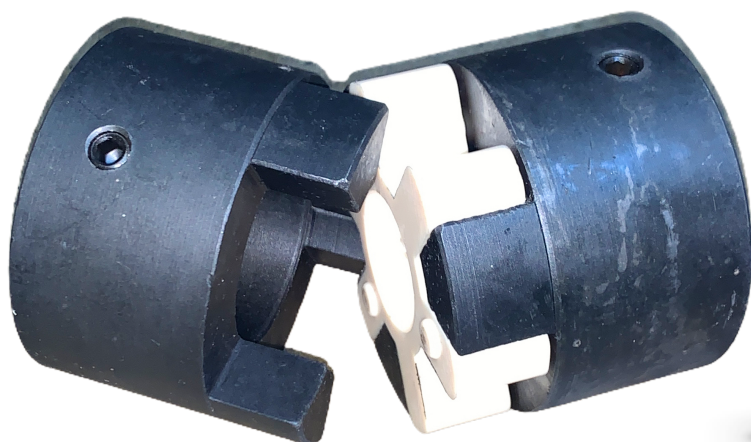




L SERIES JAW COUPLERS



Patriot L Series Couplers designed for connecting two rotating shafts, these jaw couplings are suitable for use on a wide range of applications, including power transmission to agricultural and industrial equipment such as pumps, log splitters, dump trailers, gear boxes, compressors, blowers, electric motors, mixers, and conveyors.

Size & Insert type	Basic HP Rate @ RPM			MAX RPM
	1200	1800	3600	
L050 Buna	0.5	0.75	1.51	18000
L070 Buna	0.84	1.23	2.52	14000
L075 Buna	1.68	2.57	5.04	11000
L075 Urethane	2.52	3.78	7.56	3600
L090 Buna	2.4	3.6	7.2	9000
L090 Urethane	4	6.12	12.24	3600
L090 Hytrel	7.68	11.52	23	3600
L095 Buna	3.36	5.04	10.08	4500
L095 Urethane	5.52	8.28	16.56	3600
L095 Hytrel	10.68	16.02	32.04	3600
L099 Buna	6	9.5	18	4000
L099 Urethane	9.12	13.68	27.36	3600
L099 Hytrel	15.12	22.68	45.36	3600
L100 Buna	7.2	10.8	21.6	4000
L100 Urethane	12	18	36	3600
L100 Hytrel	21.6	32.4	64.8	3600
L110 Buna	15.6	23.4	46.8	3600
L110 Urethane	22.8	34.2	68.4	3600
L110 Hytrel	43.2	64.8	129.6	3600

L SERIES JAW COUPLERS



Bore Size	Key / Spline	Coupler Series							
		050	070	075	090	095	099	100	110
0014 - 1/4	000 - None	X							
0516 - 5/16	332 - 3/32	X							
0038 - 3/8	018 - 1/8	X							
0716 - 7/16	332 - 3/32	X							
0012 - 1/2	018 - 1/8	X	X	X	X	X	X	X	
0058 - 5/8	316 - 3/16	X	X		X		X	X	X
0034 - 3/4	316 - 3/16		X	X		X	X	X	X
0716 - 7/1	332 - 3/32			X		X			
0058 - 5/8	532 - 5/32			X	X	X	X	X	X
0058 - 5/8	316 - 3/16			X					
0078 - 7/8	316 - 3/16			X			X	X	X
0058 - 5/8	09T - 9 Tooth				X		X	X	
0034 - 3/4	11T - 11 Tooth				X	X	X	X	
0078 - 7/8	13T - 13 Tooth				X	X	X	X	X
0916 - 9/16	018 - 1/8					X		X	
0058 - 5/8	316 - 3/16					X			
1516 - 15/16	014 - 1/4					X		X	
0001 - 1	014 - 1/4					X		X	
0118 - 1 1/8	014 - 1/4					X	X	X	X
0001 - 1	014 - 1/4						X		X
0114 - 1 1/4	014 - 1/4						X	X	X
0138 - 1 3/8	516 - 5/16							X	X
0034 - 3/4	09T - 9 Tooth								X
1716 - 1 7/16	038 - 3/8								X
0158 - 1 5/8	038 - 3/8								X





L SERIES JAW COUPLERS

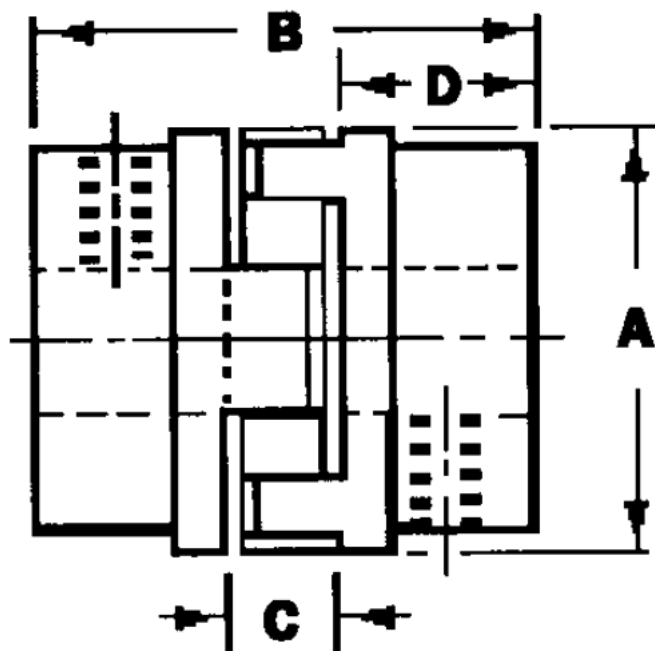
Spider Type Available	Coupling Size					
	L050	L070	L075	L090/095	L099/100	L110
Buna-N	Yes	Yes	Yes	Yes	Yes	Yes
Urethane	No	No	Yes	Yes	Yes	Yes
Hytrel	No	No	No	Yes	Yes	Yes



Spider Type	Coupling Size Max Torque in-lbs							
	L050	L070	L075	L090	L095	L099	L100	L110
Buna-N	26.3	43.2	90	144	194	318	417	792
Urethane			135	216	291	477	626	1188
Hytrel				401	561	792	1134	2268



L SERIES JAW COUPLERS



Coupling Dimensional Chart

Series	A	B	C	D	Min Bore	Max Bore	Set Screw
050	1.063	1.721	0.470	0.625	1/4	1/2	1/4-20
070	1.375	2.000	0.500	0.770	1/4	3/4	1/4-20
075	1.750	2.126	0.480	0.820	5/16	1	1/4-20
090	2.125	2.146	0.490	0.841	3/8	1 1/8	1/4-20
095	2.125	2.520	0.455	1.020	3/8	1 1/8	5/16
099	2.531	2.835	0.650	1.071	1/2	1 1/8	5/16
100	2.531	3.459	0.660	1.368	1/2	1 3/8	5/16
110	3.313	4.252	0.843	1.706	3/4	1 5/8	3/8

