

L-Jaw Coupling Interchange

TB Wood's L-Jaw coupling is designed to meet high-quality standards while remaining affordable. The L-Jaw is available with three insert materials and is 100% interchangeable with industry-standard designs.



L-Jaw Part Number Examples

An L-Jaw assembly consists of one spider (Buna-N, Urethane or Hytrel) and two hubs (L, AL or SS). Order by component. See catalog for available stock sizes.

Component Description	Component Part Number	Coupling Type	Coupling Size	Coupling Bore Size	Element Type
Buna-N spider, sizes 035-276	L110N	L, AL, SS	110		Buna-N
Standard hubs, no keyseat, sizes 035-276	L11058NK	L	110	5/8"	
Standard hubs, sizes 035-276	L110118	L	110	1-1/8"	
Aluminum hubs, sizes 050-150	AL110118	AL	110	1-1/8"	
Stainless Steel hubs, sizes 075-150	SS110118	SS	110	1-1/8"	

TB Wood's Elastomeric Couplings

	Vibration Isolation	Bushing and Spacer Option	Chemical Resistance	Ease of Installation	Torsional Stiffness	Reaction Loads to Misalignment	Temperature Range	Maximum Angular Misalignment	Torque Rating	Shaft Size
L-Jaw	Good	No	Good	Excellent	Medium	Medium	-60° to 250°F	1°	To 6,228 (in.lb.)	1/8" to 2-7/8"
Sure-Flex® Plus	Excellent	Yes	Good	Excellent	Low	Low	-30° to 275°F	1°	To 72,480 (in.lb.)	3/8" to 6"
Dura-Flex®	Excellent	Yes	Good	Very Good	Low	Low	-40° to 200°F	4°	To 39,500 (in.lb.)	1/2" to 6"

Interchangeable Components

Spider Material	TB Wood's L-Jaw			Lovejoy L-Jaw		Martin ML-Jaw		Maska Starflex		Maurey Hi-Q Jaw	
	Size	Torque (in.lbs)	Max Bore	Size	Torque (in.lbs)	Size	Torque (in.lbs)	Size	Torque (in.lbs)	Size	Torque (in.lbs)
Buna-N	L035	3.5	3/8	L035	3.5	ML035	3.5	L035	3.5	—	—
	L050	26	5/8	L050	26	ML050	32	L050	26	L050	25
	L070	43	3/4	L070	43	ML070	42	L070	43	L070	38
	L075	90	7/8	L075	90	ML075	81	L075	90	L075	76
	L090	144	1	L090	144	ML090	140	L090	144	L090	126
	L095	194	1-1/8	L095	194	ML095	189	L095	194	L095	176
	L099	318	1-3/16	L099	318	ML099	290	L099	318	L099	315
	L100	417	1-7/16	L100	417	ML100	416	L100	417	L100	378
	L110	792	1-5/8	L110	792	ML110	756	L110	792	L110	819
	L150	1240	1-7/8	L150	1240	ML150	1197	L150	1240	L150	1261
	L190	1726	2-1/8	L190	1726	ML190	1512	L190	1728	L190	1702
	L225	2340	2-5/8	L225	2340	ML225	2268	L225	2340	L225	2332
	L276	4716	2-7/8	L276	4716	—	—	—	—	—	—
Urethane	L050	39	5/8	L050	39	ML050	48	L050	39	L050	38
	L070	64	3/4	L070	64	ML070	63	L070	65	L070	63
	L075	135	7/8	L075	135	ML075	122	L075	135	L075	132
	L090	216	1	L090	216	ML090	210	L090	216	L090	214
	L095	291	1-1/8	L095	291	ML095	284	L095	291	L095	290
	L099	477	1-3/16	L099	477	ML099	435	L099	477	L099	479
	L100	626	1-7/16	L100	626	ML100	624	L100	626	L100	630
	L110	1188	1-5/8	L110	1188	ML110	1134	L110	1188	L110	1197
	L150	1860	1-7/8	L150	1860	ML150	1796	L150	1860	L150	1891
	L190	2589	2-1/8	L190	2589	ML190	2268	L190	2592	L190	2584
L225	3510	2-5/8	L225	3510	ML225	3402	L225	3510	L225	3529	
Hytrel	L050	50	5/8	L050	50	ML050	94	L050	50	L050	50
	L070	114	3/4	L070	114	ML070	126	L070	114	L070	113
	L075	227	7/8	L075	227	ML075	242	L075	227	L075	227
	L090	401	1	L090	401	ML090	420	L090	401	L090	403
	L095	561	1-1/8	L095	561	ML095	567	L095	561	L095	561
	L099	792	1-3/16	L099	792	ML099	870	L099	792	L099	794
	L100	1134	1-7/16	L100	1134	ML100	1248	L100	1134	L100	1134
	L110	2268	1-5/8	L110	2268	ML110	2268	L110	2268	L110	2269
	L150	3708	1-7/8	L150	3708	ML150	3591	L150	3708	L150	3706
	L190	4680	2-1/8	L190	4680	ML190	4536	L190	4680	L190	4683
	L225	6228	2-5/8	L225	6228	ML225	6804	L225	6228	L225	6227