

TORQUE - HORSEPOWER RATINGS



L-JAW TYPE

PRODUCT NO.	MAX BORE	MAX RPM	BUNA-N SPIDER (N)					HYTREL SPIDER (H)					
			TORQUE IN. LBS	HP PER 100 RPM	HP/SPEEDS (RPM)			TORQUE IN. LBS.	HP PER 100 RPM	HP/SPEED (RPM)			
					1200	1800	3600			1200	1800	3600	
L035	3/8	31000	3.5	0.006	0.07	0.10	0.20						
L050	5/8	18000	26.3	0.042	0.50	0.75	1.50	50.0	0.079	0.95	1.43	2.86	
L070	3/4	14000	43.2	0.069	0.82	1.23	2.47	114	0.181	2.17	3.26	6.51	
L075	7/8	11000	90.0	0.143	1.71	2.57	5.14	227	0.360	4.32	6.48	12.97	
L090	1	9000	144.0	0.228	2.74	4.11	8.23	401	0.636	7.64	11.45	22.91	
1. L095	1-1/8	9000	194.0	0.308	3.69	5.54	11.08	561	0.890	10.68	16.02	32.04	
L099	1-3/16	7000	318.0	0.505	6.05	9.08	18.16	792	1.257	15.08	22.62	45.24	
2. L100	1-7/16	7000	417.0	0.662	7.94	11.91	23.82	1134	1.799	21.59	32.39	64.77	
L110	1-5/8	5000	792.0	1.257	15.08	22.62	45.24	2268	3.599	43.18	64.77	129.55	
L150	1-7/8	5000	1240.0	1.967	23.61	35.41	70.83	3708	5.883	70.60	105.90	211.80	
L190	2-1/8	5000	1726.0	2.739	32.86	49.29	98.59	4680	7.426	89.11	133.66	267.32	
L225	2-5/8	4600	2340.0	3.713	44.55	66.83	133.66	6228	9.882	118.58	177.87	355.74	
L276	2-7/8	4200	4716.0	7.483	89.79	134.69	269.38						

* BRONZE INSERTS HAVE SAME RATING AS HYTREL INSERTS.

WARNING: DO NOT USE BRONZE INSERT OVER 250 RPM.

* URETHANE INSERTS RATINGS MULTIPLY BUNA-N INSERT BY 1.5.

1. USES L090 SPIDERS 2. USES L099 SPIDERS

C-JAW TYPE

PRODUCT NO.	MAX BORE	MAX RPM	BUNA-N CUSHION SET (N)				
			TORQUE IN. LBS	HP PER 100 RPM	HP SPEEDS (RPM)		
					1200	1800	3600
C226	2-1/2	4800	2988.0	4.700	56.40	84.60	169.20
C276	2-7/8	4200	4716.0	7.500	90.00	135.00	270.00
C280	3	3500	7560.0	12.000	144.00	216.00	432.00
C285	4	3200	9182.0	14.600	175.20	262.80	525.60
C295	3-1/2	2300	11340.0	18.000	216.00	324.00	648.00
C2955	4	2300	18900.0	30.000	360.00	540.00	1080.00

SPIDER CHARACTERISTICS

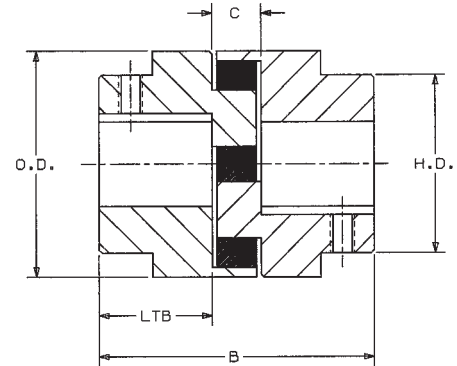
CHARACTERISTICS	BUNA-N (N)	URETHANE (U)	HYTREL (H)	BRONZE (B)	
OIL RESISTANCE	GOOD	GOOD	EXCELLENT	EXCELLENT	
CHEMICAL RESISTANCE	POOR	GOOD	EXCELLENT	EXCELLENT	
FLEXIBILITY	EXCELLENT	GOOD	FAIR	POOR	
TEMPERATURE RANGE	F C	-40 TO +212 -40 TO +100	-30 TO +160 -35 TO +71	-60 TO +250 -51 TO +121	-40 TO +450 -40 TO +232
TORSIONAL STIFFNESS	FULL SOFT	MEDIUM SOFT	HARD	HARD	
AVERAGE HARDNESS (SHORE NUMBER)	80A	90A	55D	—	
MAX. MISALIGNMENT					
• ANGULAR	1°	1°	1/2°	1/2°	
• PARALLEL	.015"	.015"	.015"	.010"	
AVAILABILITY	L-JAW C-JAW	X X	X X	X X	
COLOR	BLACK	BLUE	WHITE	BRONZE	

TO ORDER SPIDER OR CUSHION SET SPECIFY THE COUPLING SIZE WITH THE MATERIAL SUFFIX.

EXAMPLE:
L150H =
HYTREL SPIDER FOR
L150 COUPLING

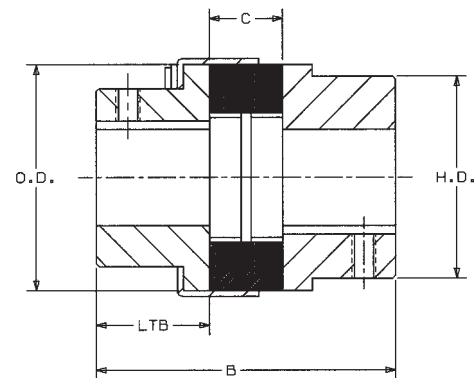
L-JAW DIMENSIONS

Coupling Size	Hub Mat'l	DIMENSIONS					Weight Lbs*
		OD	HD	LTB	B	C	
L035	S.I.	0.63	0.63	0.27	0.81	0.28	0.10
L050	S.I.	1.08	1.08	0.63	1.72	0.47	0.30
L070	S.I.	1.36	1.36	0.75	2.00	0.50	0.60
L075	S.I.	1.75	1.75	0.81	2.13	0.50	1.00
L090	S.I.	2.11	2.11	0.81	2.13	0.50	1.50
L095	S.I.	2.11	2.11	1.00	2.50	0.50	1.80
L099	S.I.	2.53	2.53	1.06	2.88	0.75	2.50
L100	S.I.	2.53	2.53	1.38	3.50	0.75	3.50
L110	S.I.	3.33	3.33	1.69	4.23	0.85	6.60
L150	S.I.	3.75	3.75	1.75	4.50	1.00	9.10
L190	C.I.	4.50	4.00	1.94	4.88	1.00	17.00
L225	C.I.	5.00	4.25	2.19	5.38	1.00	23.00
L276	C.I.	6.19	5.00	3.13	7.88	1.63	47.00



C-JAW DIMENSIONS

Coupling Size	Hub Mat'l	DIMENSIONS					Weight Lbs*
		OD	HD	LTB	B	C	
C226	C.I.	5.15	4.12	2.75	7.00	1.50	29.00
C276	C.I.	6.18	5.00	3.12	7.87	1.63	47.00
C280	C.I.	7.50	5.50	3.12	7.87	1.63	61.00
C285	C.I.	8.50	6.50	3.75	9.13	1.63	87.00
C295	C.I.	9.12	6.31	3.75	9.38	1.88	97.00
C2955	C.I.	9.12	7.12	4.25	10.38	1.88	117.00



S.I. = Powdered metal • C.I. = Cast Iron

*Weight of coupling assembly with minimum bores.

NOTE: L-JAW Hubs also available in aluminum – contact factory.