

Couplings

Sprit Flex (Jaw Coupling)

It is a simple - constructed coupling with cushioning rubber (Nitrile rubber) between two hubs. The AL model is a lightweight and low inertial model using aluminum alloy for the hub material. The CL model has relatively higher allowable torque using cast iron for the hub material and nickel plate for rust - proofing. Due to simple construction inserting a spider in a hub engaging and disengaging can be easily performed by moving the device in an axial direction. In addition centering can be easily performed by applying a straight edge to the outer circumference of the hub. A simple construction achieves a low price.

9L27 0828 - 6 - 6

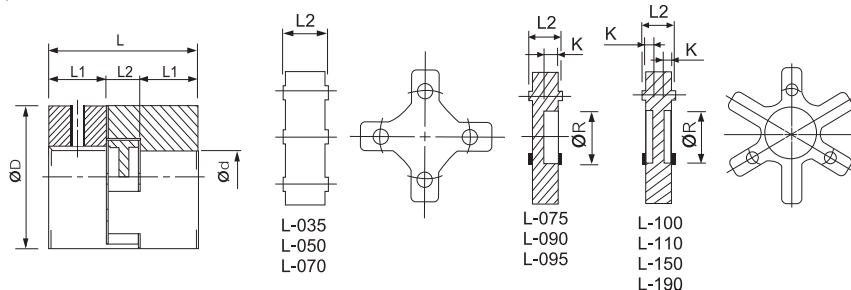
Model

d2 : Hole diameter 2
d1 : Hole diameter 1



Only Spider

Number	Mfr's	Price ฿	Material	Size (mm)		
				L2	R	K
2L77 1469	L-035	---	NBR (Nitrile rubber)	6.5	---	---
2L77 1470	L-050	---		12.2	---	---
2L77 1471	L-070	---		12.2	---	---
2L77 1472	L-075	---		12.4	20	6.0
2L77 1473	L-090	---		13.0	22	6.3
2L77 1474	L-095	---		13.0	22	6.3
2L77 1475	L-100	---		18.0	26	6.0



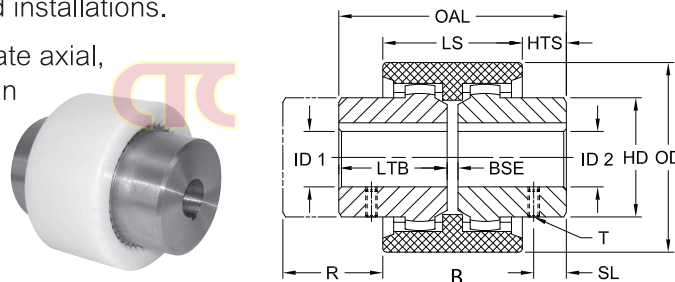
Coupling Prepared Hole

Number	Mfr's	Price ฿	Material	Torque		Highest Rotary Speed [min - 1]	Size (mm)					
				Regular Use (N • m)	Maximum (N • m)		D		D	L	L1	L2
							Prepared Hole	Maximum				
9L27 0828	AL-035	---	Aluminum alloy	0.5	1.5	18000	3.5	8	16.1	20.5	6.5	7.5
9L27 0829	AL-050	---	Aluminum alloy	1.5	4.5	12000	5.0	16	27	43.2	15.5	12.2
9L27 0830	AL-070	---	Aluminum alloy	3	9	9000	5.0	20	35	49.2	18.5	12.2
9L27 0831	AL-075	---	Aluminum alloy	5	15	7000	7.0	26	45	54.4	21.0	12.4
9L27 0832	AL-090	---	Aluminum alloy	8	24	6000	9.0	28	54	55.0	21.0	13.0
9L27 0835	AL-110	---	Aluminum alloy	50	150	4000	11.0	48	85	110.0	44.0	22.0
9L27 0836	CL-095	---	FC	10	30	6000	11.0	29	55	69.0	28.0	13.0
9L27 0837	CL-100	---	FC	25	75	5000	11.0	37	66	88.0	35.0	18.0
9L27 0838	CL-110	---	FC	50	150	4000	11.0	48	85	110.0	44.0	22.0

Nylon Flexible Couplings

Nylon is a standard coupling with two hubs, a nylon sleeve, and retaining rings depending on the model selected. The coupling has a precision molded nylon sleeve and powder metal hub with no bolts, pins, flanges, or protrusions that could have an effect on balance or operational safety. Since no lubrication is used, the couplings can readily be adapted to many applications including vertical and blind installations.

Maintenance Free-No Lubrication required. Can accommodate axial, Angular and parallel misalignment. Electrically insulating. Can be used in temperature ranges from -25° to 80°C (optional 140°C). Nylon sleeve has high resistance to condensation and water, hydrocarbon based petroleum and alcohols. Not ideal for use with acids, benzyl based products, cresol or glycols. To order please provided bore size (ID1, ID2).



Number	Price ฿	OAL	LS	HTS	LTB	BSE	OD	HD	Clearance	Torque Capacity			Max.Speed RPM	ID1 • ID2 ²	
										Set Screws	Maximum in-lbs	Nm		Min.	Max.
72M1 2380	---	50	37	6.5	23	4	40	25	16.5	M5	6	20	8,000	6	14
72M1 2381	---	54	37	7.0	25	4	48	30	18.0	M5	6	32	8,000	9	19
72M1 2382	---	56	41	7.5	26	4	52	36	18.5	M5	6	40	8,000	10	24
72M1 2383	---	84	46	19.0	40	4	66	44	21.0	M8	10	90	8,000	10	28
72M1 2384	---	84	48	18.0	40	4	76	50	22.0	M8	10	120	7,000	12	32
72M1 2385	---	84	48	18.0	40	4	83	58	22.0	M8	10	160	6,000	14	38
72M1 2386	---	88	50	19.0	42	4	92	65	23.0	M8	10	200	5,400	20	42