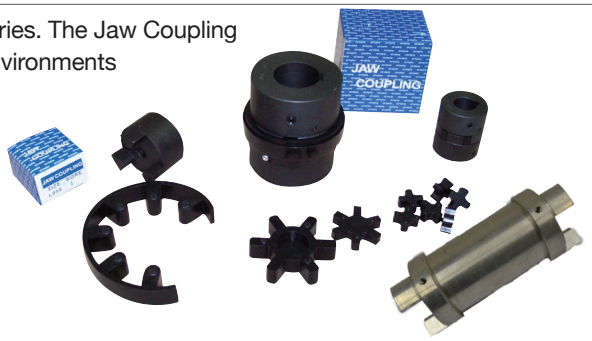
Jaw Coupling

The Tonson Jaw Coupling is recognised across a large range of industries. The Jaw Coupling is highly resilient, it does not require any lubrication and can work in environments contaminated with oil, dirt, sand, moisture and grease.

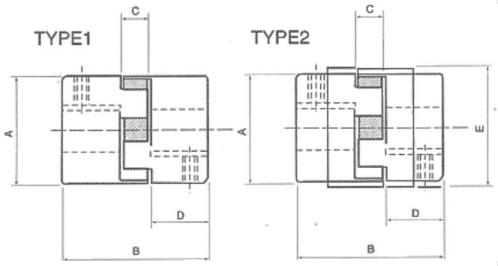
The rubber insert is designed to absorb shock loading and does not allow for any metal on metal contact. Tonson stocks both the Spider Elements as well as the Wrap Element Kits and Spacers.

Tonson stocks a range of jaw couplings in a variety of pre-bored and keyed sizes.



Size	Pilot Bore	Element*	Wrap	Kit	Metric (mm)																						
					9	10	11	12	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60
L050	✓	✓			✓	✓	✓	✓	✓																		
L070	✓	✓				✓	✓	✓	✓	✓	✓	✓															
L075	✓	✓						✓	✓	✓	✓	✓	✓	✓													
L095	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓										
L100	✓	✓	✓	✓							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
L110	✓	✓	✓	✓									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
L150	✓	✓	✓	✓											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
L190	✓	✓	✓														✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L225 PB	✓	✓	✓																								

*Available in Standard & Polyurethane



Size	Imperial (inch)												Spacers		
	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	2	100mm	140mm	180mm
L050	✓	✓	✓												
L070	✓	✓	✓	✓											
L075	✓	✓	✓	✓	✓										
L095		✓	✓	✓	✓	✓	✓								
L100			✓	✓	✓	✓	✓	✓					✓	✓	
L110					✓	✓	✓	✓	✓	✓			✓	✓	
L150						✓	✓	✓	✓	✓			✓	✓	✓
L190									✓	✓	✓	✓	✓	✓	✓
L225 PB															

Coupling	Type	A	B	C	D	Stock Bore	Weight (Kg)		Max Bore.
							Min. Bore	Max. Bore	
L070PB	1	35	53	13	19	6	0.26	0.24	19
L075PB	1	44.5	53	13	21	6	0.45	0.39	22
L095PB	1	54	65	13	25	11	0.79	0.69	29
L100PB	1	65	86	19	35	11	1.55	1.32	35
L110PB	1	84	110	24	43	16	2.93	2.55	42
L150PB	1	96	113	25	45	16	4.06	3.51	48
L190PB	1	115	133						
L225PB	1	127	155						

Coupling	Max. RPM	Torque in Lbs.	Horsepower capacities at indicated speeds (RPM)							
			50	100	300	600	900	1200	1800	3600
L050 PB										
L070 PB	14000	44.1	-	0.07	0.21	0.42	0.63	0.84	1.26	2.52
L075 PB	11000	88.2	0.035	0.14	0.38	0.76	1.26	1.68	2.52	1.04
L095 PB	9000	189.0	0.115	0.30	0.90	1.80	2.70	3.60	5.40	10.80
L100 PB	7000	416.0	0.330	0.66	1.98	3.96	5.94	7.92	11.90	23.80
L110 PB	5000	788.0	.630	1.25	3.75	7.50	11.30	15.00	22.50	45.00
L150 PB	5000	1260.0	1.000	2.00	6.00	12.00	18.00	24.00	36.00	72.00

Every effort has been taken to ensure that the data listed in this catalogue is correct. Tonson P/L will not accept liability for any damage. or loss caused as a result of the data in this catalogue.