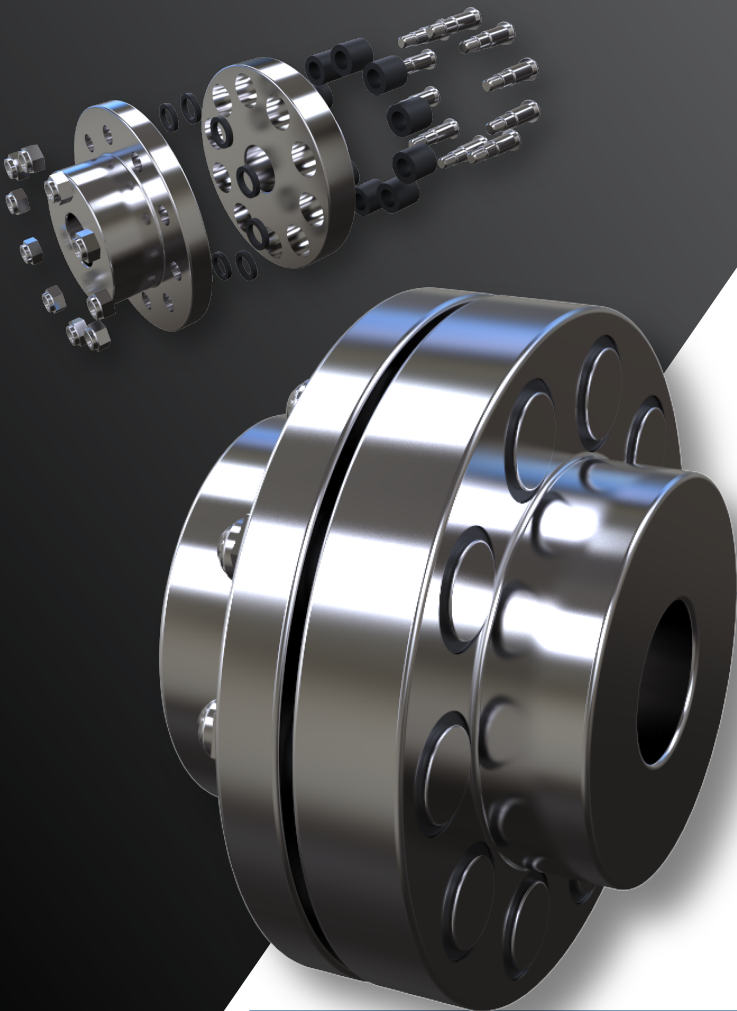


FlexLine COUPLINGS

Pin and Bush Coupling



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FlexLine Pin and Bush Coupling

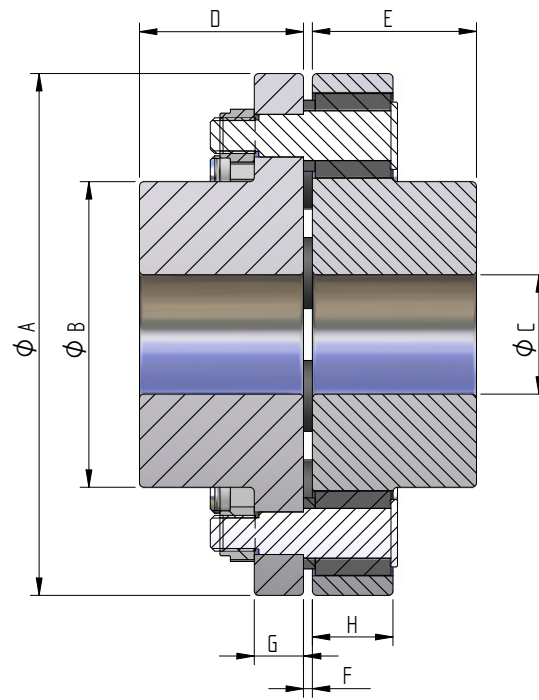
Applications

- Mills
- Pumps
- Conveyors
- Fans
- Cranes
- General Industrial Applications for power transmission

Benefits

- Dampen shock loads and vibrations
- Torsional flexibility
- Progressive increase in torsional stiffness
- Misalignment capabilities
- Maintenance free

Duty		Prime Mover		
Load	Driven Machinery	Electric, Steam Air, Hydraulic	Multi Cylinder IC Engines	Single Cylinder IC Engines
Uniform Load	Centrifugal Pumps, Conveyors, Blowers, Generators, Mixers	1.0	1.25	1.5
Light Shock	Centrifugal pumps pulsating Generators Grinders, Hydraulic pumps	1.5	1.75	2
Medium Shock	Reciprocating Compressors Ball and Rod Mills Hoists, Punch Press, Shears	2	2.25	2.5
Heavy Shock	Single Cyl Compressor, Dredges, Rolling Mills, Rubber mixers, Crushers	2.5	2.75	3



Coupling Size	No of Pins	Power / 100 rpm	Torque Rating	Max Speed	Bore Max C	Bore Min C	TLB Option	A	B	D	E	F	G	H
		kW	Nm	Rpm	mm	mm		mm	mm	mm	mm	mm	mm	mm
FL150	8	5.1	490	4000	45	0	TLB1215	150	75	45	45	2.4	19	19
FL165	8	7.9	750	3500	50	0	TLB1615	165	85	50	50	3.2	22	22
FL200	8	11.2	1070	3000	65	0	TLB2017	200	100	60	60	3.2	22	22
FL230	8	21.7	2070	2500	75	38	TLB2525	230	120	70	70	4.8	29	46
FL270	10	33	3150	2500	95	38	TLB3030	270	155	85	85	4.8	29	46
FL300	8	42.9	4100	1900	100	45	TLB3535	300	165	95	95	6.4	33	54
FL350	10	62.7	5990	1700	120	50	TBL4040	350	205	110	110	6.4	33	54
FL380	10	97.5	9310	1500	125	60	NA	380	222	120	120	6.4	40	65
FL420	10	112.1	10700	1400	150	65	NA	420	255	135	135	6.4	40	65
FL460	10	162.3	15500	1250	155	70	NA	460	265	145	145	7.9	48	71
FL530	12	246.1	23500	1100	160	70	NA	530	280	172	172	7.9	48	71

Note Standard coupling with cast iron hubs

Larger bore capacities can be offered with steel hubs or special designs

Higher speeds are available with steel hubs

Tube spacer couplings available on request

Brake Drum couplings available on request



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"NOVUS GEAR and our partners embrace the challenges of day to day plant reliability and undertake to be available to all our customers on a 24/7 basis"