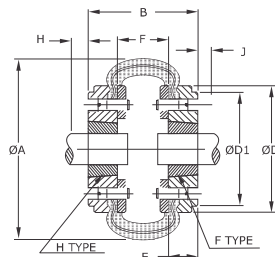




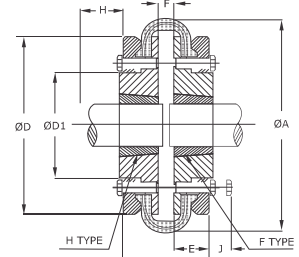
RSV Industries Pvt. Ltd.

UTL FLEXIBLE COUPLINGS



Size UTT 0040 to 0060

UTL UTT / UTTO COUPLINGS
(High torsional damping)



UTTO 0070 to 0180

FEATURES

- High flexibility & highest misalignment tolerances (angular – Max 4°)
- Elastomer is designed to shear in the event of tyre failure. The torque transmission is stopped as tyre shears at failure, thus protecting the machinery
- Better protection in impact load & heavy shocks
- Easy to assemble & disassemble
- Lubrication free
- Taper bush give clamping on shaft total surface
- Easy to replace thus minimising maintenance time

DIMENSIONS & TECHNICAL DATA

Size	Rated Torque Nm	kW Rating at 100 rpm	Max. Speed rpm	Type	Taper Bush Size	Max. Bore	Dimensions are in mm								Torsional stiffness Nm/rad	Max. Misalignment (mm)		Weight / Coupling kg	Moment of Inertia (WR ²) Coupling kg.m ²
							ØA	ØD	ØD1	L	E	F	J	H		Parallel	End float±		
0040	21	0.25	4500	F/H	1008	25	104	82	-	65	22	21	17	29	286	1.10	1.30	On request UTL will provide data.	On request UTL will provide data.
0050	53	0.69	4500	F/H	1210	32	133	100	79	75	25	25	19	38	745	1.30	1.70		
0060	106	1.33	4000	F/H	1610	42	165	125	103	80	25	30	19	38	1490	1.60	2.00		
0070	162	2.62	3600	F/H	2012	50	197	144	82	80	32	16	9	38	2349	1.90	2.30		
										66	25								
0080	253	3.93	3100	F/H	2517	60	210	167	96	111	45	21	9	42	3610	2.10	2.60		
										85	32								
0090	365	5.24	3000	F/H	2517	60	235	188	110	114	45	24	-	48	5214	2.40	3.00		
0100	505	7.07	2600	F/H	3020	75	254	216	125	122	51	20	-	48	7219	2.60	3.30		
										110	45								
0110	712	9.16	2300	F/H	3020	75	279	233	140	123	51	21	-	55	10199	2.90	3.70		
0120	1184	13.9	2050	F/H	3525	100	314	264	152	155	65	25	-	55	16960	3.20	4.00		
										127	51								
0140	1881	24.3	1800	F/H	3525	100	359	311	195	152	65	22	-	67	26929	3.70	4.60		
0160	3113	39.5	1600	F/H	4030	115	395	345	216	162	77	8	-	80	44576	4.20	5.30		
0180	5481	65.7	1500	F/H	4535	125	470	398	220	200	89	22	-	89	79068	4.80	6.00		

MATERIAL SPECIFICATIONS

Flange	Size - 0040-0180	Cast Iron	CI	DIN 1693 GG 20
Tyre	All Size	Natural Rubber	NR	ASTM D2000 810
Clamping Ring	Size - 0040-0180	Mild Steel	St	BS 970
Hex Bolt	Size - 0040-0180	High Tensile	St	ISO 4014 : Gr 8.8
Taper Bush	Size - 1008-4535	Cast Iron	CI	DIN 1693 GG 20



* For temperature range of elastomers please see on page no. 37 - coupling selection



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