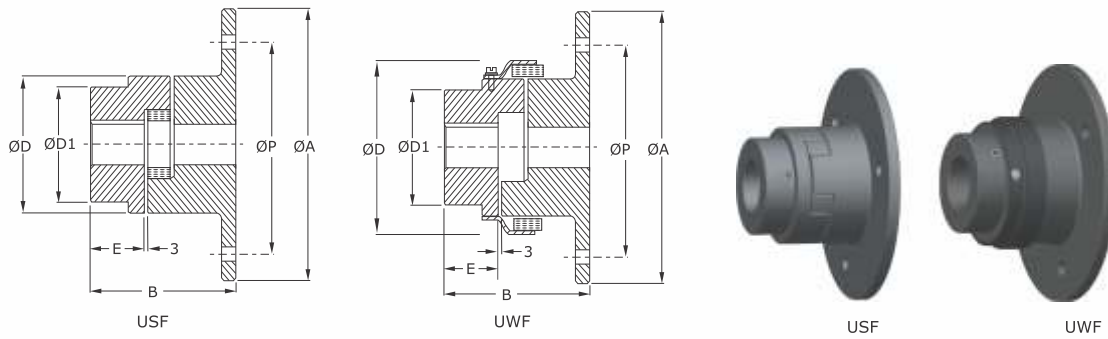


UTL USF / UWF COUPLINGS

(Spider / Snap Wrap / T Cushions Elastomer)



FEATURES

- Specially designed for engine applications.
- Easy to assemble & disassemble.
- Elimination of extension shaft reduces cost of equipment.
- Coupling mounted directly on engine flywheel
- For USF spider is used as an element (size 150 to 2955)
- For UWF snap wrap is used as an element (size 150 to 225) & T cushions are used as elements (size 226 to 2955)
- Maximum permissible misalignment: angular 1°, parallel 0.4 mm & axial 3 mm (Initial alignment must be 25 % of maximum)

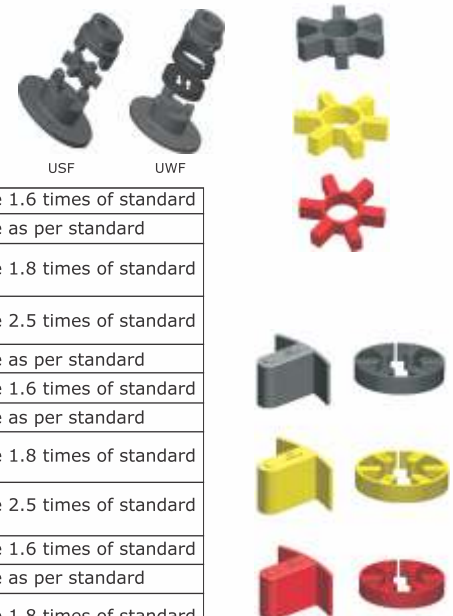
Dimensions & Technical Data

Size	Rated Torque Nm	kW Rating at 100 rpm	Max. Speed rpm	SAE Size Inches	Flange dimensions in mm				Hub dimensions in mm					
					ø A	ø P	No. of holes	Hole Dia	ø D UWF / USF	ø D1	E	Min. Bore	Max. Bore	B
150	141	1.49	3400	5.5	190.0	137.0	3	12	111 / 96	80	45	15	48	122
190	190	2.01	1900	11.5	352.4	333.4	8	10.3	130 / 115	102	54	20	60	107
225	265	2.76	1900	11.5	352.4	333.4	8	10.3	142 / 127	111	64	20	65	117
226	324	3.43	3000	6.5	216.0	200.0	6	8.5	153 / 137	115	70	22	70	136
			2700	8.0	263.5	244.5	6	10.3						
			2100	10.0	314.3	295.3	8	10.3						
			1900	11.5	352.4	333.4	8	10.3						
			1500	14.0	466.7	438.3	8	13.5						
276	532	5.60	2700	8.0	263.5	244.5	6	10.3	173 / 157	127	80	22	75	148
			1900	11.5	352.4	333.4	8	10.3						
			1500	14.0	466.7	438.2	8	13.5						
280	782	8.20	2100	10.0	314.3	295.3	8	10.3	205 / 192	140	80	30	80	148
			1900	11.5	352.4	333.4	8	10.3						
			1500	14.0	466.7	438.2	8	13.5						
295	1279	13.40	1900	11.5	352.4	333.4	8	10.3	251 / 237	160	95	40	95	171
			1500	14.0	466.7	438.2	8	13.5						
2955	3132	22.40	1900	11.5	352.4	333.4	8	10.3	251 / 237	180	108	50	115	184
			1500	14.0	466.7	438.2	8	13.5						

MATERIAL SPECIFICATIONS

Component	Size	Material	Grade	Standard
Hub	Size-150-225	Cast Iron	CI	DIN 1693 GG 20
Hub	Size-226-2955	Cast Iron	CI	DIN 1693 GG 25
Flange	Size-150-225	Cast Iron	CI	DIN 1693 GG 20
Flange	Size-226-2955	Cast Iron	CI	DIN 1693 GG 25
Spider 80° Shore A	All Size	Synthetic Rubber	NBR	ASTM D2000 BG 810
Outer ring	Size-150-2955	Mild. Steel	CRCA	BS 970

Alternative Spider / Snap wrap / T Cushion for higher power ratings is available on request.



Component	Shore A	Material	Grade	Standard	Torque
Snap wrap	92° Shore A	Synthetic Rubber	NBR	ASTM D2000 BG 910	Torque 1.6 times of standard
Snap wrap	80° Shore A	Synthetic Rubber	EPDM	ASTM D2000 AA 810	Torque as per standard
Snap wrap	92° Shore A (Yellow Colour)	Polyurethane	PU		Torque 1.8 times of standard
Snap wrap	98° Shore A (Red Colour)	Polyurethane	PU		Torque 2.5 times of standard
T cushion	80° Shore A	Synthetic Rubber	NBR	ASTM D2000 BG 810	Torque as per standard
T Cushion	92° Shore A	Synthetic Rubber	NBR	ASTM D2000 BG 910	Torque 1.6 times of standard
T Cushion	80° Shore A	Synthetic Rubber	EPDM	ASTM D2000 AA 810	Torque as per standard
T Cushion	92° Shore A (Yellow Colour)	Polyurethane	PU		Torque 1.8 times of standard
T Cushion	98° Shore A (Red Colour)	Polyurethane	PU		Torque 2.5 times of standard
Spider	92° Shore A	Synthetic Rubber	NBR	ASTM D2000 BG 910	Torque 1.6 times of standard
Spider	80° Shore A	Synthetic Rubber	EPDM	ASTM D2000 AA 810	Torque as per standard
Spider	92° Shore A (Yellow Colour)	Polyurethane	PU		Torque 1.8 times of standard
Spider	98° Shore A (Red Colour)	Polyurethane	PU		Torque 2.5 times of standard

•For temperature range of elastomers please see on page no. 34 - coupling selection