AUTHORIZED INDIA PARTNER: JINHARSH INDUSTRIAL SOLUTIONS PRIVATE LIMITED

FALK™ TORUS® ELASTOMER COUPLINGS

TYPE WA33 — FULL SPACER COUPLING

The Falk™ Torus® Type WA33 Full Spacer Coupling features highly advanced torsional flexibility combined with non-lubricated heavy-duty application endurance. Specifically optimized for application configurations demanding complete spacer distances between shaft ends, its split-half elastic torus element simplifies replacement tasks entirely without removing hubs or upsetting precision driveline balance alignment settings.

TECHNICAL WA33 CONFIGURATION BLUEPRINT PROFILE

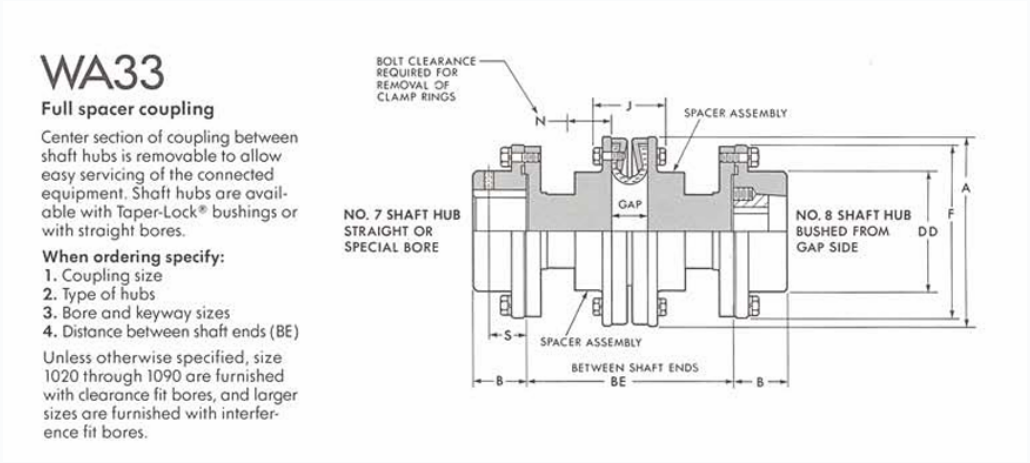

Figure 1: Frontal cross-sectional schema illustrating standard WA33 full spacer dimensions, highlighting layout values A, B, C, L, and N.

COMPREHENSIVE TECHNICAL REFERENCE & DIMENSIONS TABLE

COMPLETE COUPLING PART NUMBER (TYPE WA33)	ELEMENT PART NO.	HUB PART NO.	BORE SIZE RANGE [mm]	CONTINUOUS TORQUE [Nm]	MAX SPEED [rpm]	PHYSICAL DIMENSIONS LAYOUT REFERENCE					APPROX. WEIGHT [kg]
						A [mm]	B [mm]	C [mm]	L [mm]	N [mm]	
1020WA33	1020WERT	1020WHUB	14 - 48	**56**	4500	112	42	38	166	76	**3.2**
1030WA33	1030WERT	1030WHUB	19 - 55	**113**	4000	130	48	44	190	86	**5.0**
1040WA33	1040WERT	1040WHUB	19 - 60	**226**	3600	156	54	52	216	98	**7.7**
1050WA33	1050WERT	1050WHUB	24 - 75	**395**	3100	184	60	64	248	112	**12.3**
1060WA33	1060WERT	1060WHUB	28 - 85	**678**	2800	210	70	74	286	126	**18.1**
1070WA33	1070WERT	1070WHUB	38 - 90	**1130**	2500	240	76	84	316	140	**27.3**
1080WA33	1080WERT	1080WHUB	42 - 105	**1808**	2300	275	89	96	364	160	**40.8**
1090WA33	1090WERT	1090WHUB	48 - 115	**2712**	2100	308	102	108	412	178	**58.1**
1100WA33	1100WERT	1100WHUB	48 - 125	**3842**	1900	342	114	120	456	194	**78.0**

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						A [mm]	B [mm]	C [mm]	L [mm]	N [mm]	
1110WA33	1110WERT	1110WHUB	55 - 140	**5650**	1800	380	127	134	508	216	**107.1**
1120WA33	1120WERT	1120WHUB	60 - 160	**8475**	1600	435	140	154	570	244	**158.0**
1130WA33	1130WERT	1130WHUB	70 - 180	**12430**	1400	495	156	176	636	270	**226.0**

Catalog Reference Notes & Specifications:

• Weights provided above denote assemblies fitted with standard pilot-bore configurations. Dynamic balancing variations may cause a slight change in final mass values.

• Maximum speed thresholds must match specific factory dynamic alignment criteria. Always coordinate peak limits with official catalog load factors.

• Component classification maps precisely across Falk Torus nomenclature based on size metrics (1020–1130) combined with configuration type code (WA33).

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