

ELASTOMERIC COUPLINGS - OMEGA™ SPACER DESIGN WITH COMPRESSION BUSHED HUBS

The OMEGA™ Spacer Design with Compression Bushed Hubs integrates a torsionally soft split-half flex element configuration with high-grip taper compression bushes over extended shaft separation distances. This design accommodates significant DBSE (Distance Between Shaft Ends) criteria while delivering exceptional dampening and hassle-free element replacements.

TECHNICAL DIMENSIONAL DRAWING LAYOUT

OMEGA™ SPACER DESIGN WITH COMPRESSION BUSHED HUBS

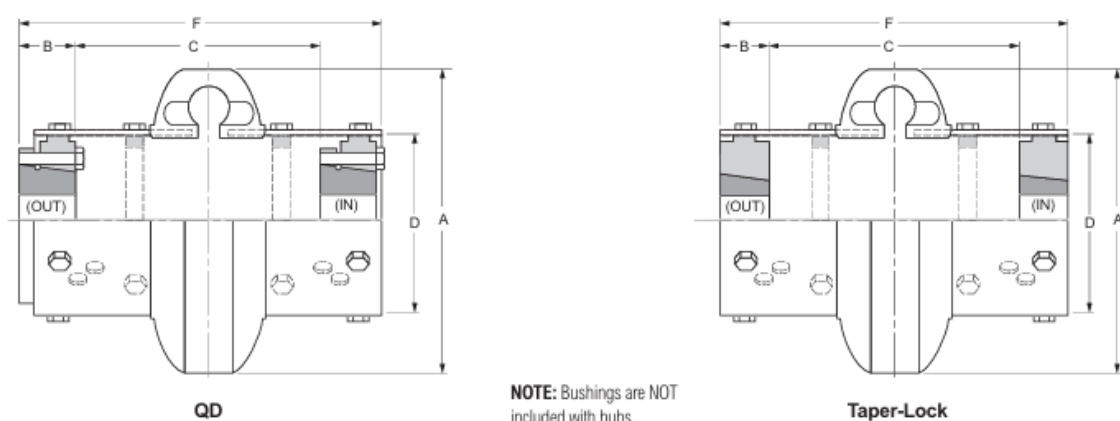


Figure 1: Cross-sectional engineering schematic of the OMEGA™ spacer layout coupled via compression taper bushed hubs.

TECHNICAL SPECIFICATIONS TABLE (SIZES ES4-R TO ES80)

COUPLING SIZE	CONTINUOUS TORQUE [Nm]	MAXIMUM SPEED [rpm]	BUSHING SIZE REFERENCE	BORE RANGE ACCOMMODATION [mm]
ES4-R	62	7500	Taper 1108	11 - 28
ES5-R	105	7500	Taper 1310	14 - 35
ES10-R	164	7500	Taper 1610	14 - 42
ES20	260	6600	Taper 1610	14 - 42
ES30	412	5800	Taper 2012	14 - 50
ES40	620	5000	Taper 2517	16 - 60
ES50	865	4500	Taper 2517	16 - 60
ES60	1412	4000	Taper 3020	22 - 75

COUPLING SIZE	CONTINUOUS TORQUE [Nm]	MAXIMUM SPEED [rpm]	BUSHING SIZE REFERENCE	BORE RANGE ACCOMMODATION [mm]
ES70	2508	3600	Taper 3535	35 - 90
ES80	4463	3100	Taper 4040	40 - 100

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