

TENAFLEX®



JAW COUPLINGS

TENAFLEX® Jaw couplings are a three-piece design which consists of two hubs and an elastomeric element called "the spider". Jaw coupling hubs are machined with high precision, they fit with the spider, assuring zero-backlash operation. The curved jaw profile is aimed to concentrate the forces to the centre of the spider's limbs, thus providing high effectiveness to the elastomer material. Flexible members are given proper torsional stiffness to dampen the impulse load while countering misalignment.

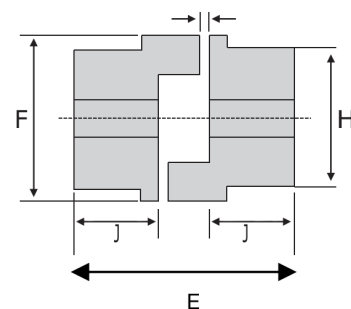
TENAFLEX®- Spacer Jaw Couplings can be used to connect two shafts having larger distances between them. A Jaw coupling is a general-purpose power transmission coupling. It is designed to transmit torque (by connecting two shafts) while damping system vibrations and accommodating misalignment, which protects other components from damage.

Common failure causes include misalignment, over-torque, chemical exposure, temperature exposure, torsional vibrations, and hub failure.

KEY FEATURES & BENEFITS OF TENAFLEX® JAW COUPLINGS

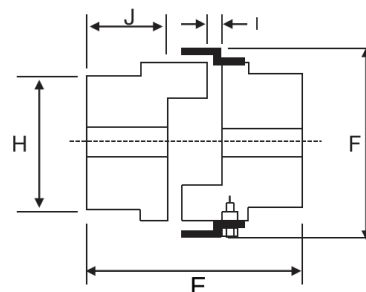
- Ease of installation due to simple construction
- Low operational cost
- The jaw rubber element is only spare to be replaced in maintenance
- Available with spacer arrangement for distant shaft connection
- Quick snap-wrap element design available to avoid dismantling the connected machines
- High vibrations & shock load absorbing capacity
- Performance is unaffected with moisture, grease, oil & temperature up to 100°C

STANDARD JAW COUPLINGS



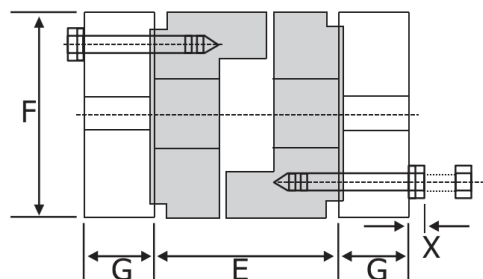
Size	Bore			Dimensions			
	Unit	Min	Max	E (DSBE)	F	G	X
TJC-095-S	mm	15	28	90/100	54	25	6
TJC-0100-S	mm	20	38	90/100/140	65	30	6
TJC-0110-S	mm	20	42	90/100/140	85	35	8
TJC-0150-S	mm	30	48	90/100/140	96	45	10
TJC-0190-S	mm	36	55	90/100/140	115	51	10
TJC-0225-S	mm	40	60	90/100/140	127	57	12

EXTERNAL SPIDER COUPLINGS



Size	Bore (mm)		Dimensions(mm)				
	Min	Max	E	F	H	I	J
TJC-095 E	15	23	63	64	49	2	25
TJC-0100 E	20	38	88	77	57	2	35
TJC-0110 E	20	42	108	95	76	3	43
TJC-0150 E	30	48	115	110	80	3	45
TJC-0190 E	35	55	135	128	102	3	54
TJC-0225 E	40	60	153	141	108	3	64

STANDARD SPACE JAW COUPLINGS



Size	Bore (mm)		Dimensions(mm)				
	Min	Max	E	F	H	I	J
TJC-095	15	28	60	54	49	2	25
TJC-100	20	38	88	65	57	2	35
TJC-110	20	42	108	85	76	3	43
TJC-150	30	48	115	96	80	3	45
TJC-190	36	55	133	115	102	3	54
TJC-225	40	60	153	127	108	3	64

APPLICATIONS

Agitators, brewing machinery, centrifugal compressors and pumps, clay working machinery, paper mill beater and winders, belt conveyors, foundry machines, paper mill colanders, bucket elevators etc.