



# WITH FLANGE MOUNTING

200 - 45,000 Nm



**NEW**

## PROPERTIES

### MATERIAL

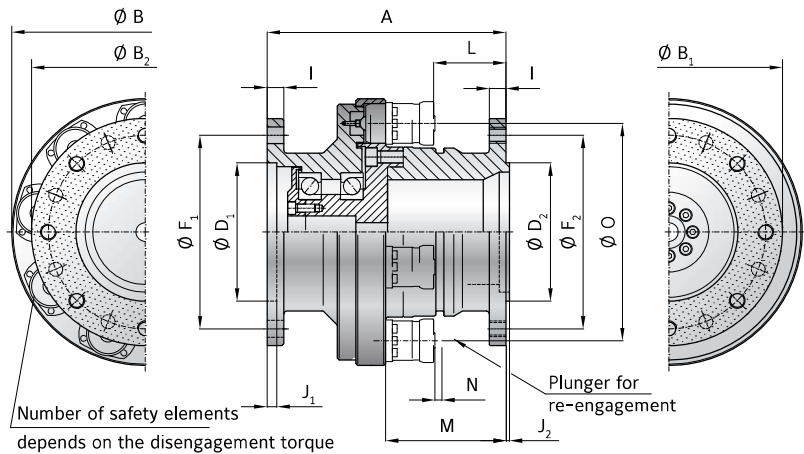
Hardened steel (nitrocarburized surface)

▶ Driven side: Mounting flange with fastening threads and integral bearing

▶ Safety elements: evenly spaced around the circumference; externally adjustable

### DESIGN

▶ Drive side: Coupling hub with flange mounting



## MODEL STF | SIZE 2 - 40

SIZE		2		5		10		25		40							
Adjustment range available from to	(KNm)	0.2-0.5	0.5-1.0	1.0-1.5	0.7-2	1.2-4	3.2-5	2-5	4-10	6-14	6-12	9-18	15-25	12-21	22-32	32-45	
		3×ST10	6×ST10	6×ST10	3×ST15	6×ST15	6×ST15	3×ST15	6×ST15	9×ST15	6×ST15	9×ST15	12×ST15	3×ST31	6×ST31	9×ST31	
Overall length	(mm)	A		190		230		250		280		320					
Major outside diameter	(mm)	B		198		220		270		318		428					
Flange outside diameter	(mm)	B <sub>1</sub>		170		188		230		268		340					
Flange outside diameter	(mm)	B <sub>2</sub>		170		188		230		306		390					
Flange centering diameter H7	(mm)	D <sub>1</sub>		90		110		140		174		210					
Flange centering diameter h7	(mm)	D <sub>2</sub>		90		110		140		200		210					
Hole circle diameter	(mm)	F <sub>1</sub>		130		155.5		196		220		304					
Through hole diameter	(mm)	F <sub>1</sub>		8×Ø13		8×Ø15		8×Ø17		12×Ø19		16×Ø22					
Bolt circle diameter	(mm)	F <sub>2</sub>		130		155.5		196		270		350					
Thread size	(mm)	F <sub>2</sub>		8×M12		8×M14		8×M16		12×M18		16×M20					
Flange thickness	(mm)	I		14		17.5		20		22		25					
Fit length	(mm)	J <sub>1</sub>		3		4		5		5		6					
Fit length	(mm)	J <sub>2</sub>		2.5		3		3.5		4		4					
Distance	(mm)	L		45		63.5		75		83.5		105.5					
Distance	(mm)	M		83		113.5		125		124.5		165					
Actuation path	(mm)	N		3.5		4.5		4.5		4.5		7.5					
Moment of inertia (approx.) D max. + max. sgmnt	(10 <sup>-3</sup> kgm <sup>2</sup> )	J.kst		83		150		380		830		3300					
Speed max.	(rpm)			9000		7500		6300		5000		3600					
Allowable max. radial force standard*	(KN)			7		12		17		22		30					
Approx. weight at D max. + max. sgmnt	(kg)	m.kst		20		30.4		50.3		73		180					

\* larger radial loads possible with special bearings