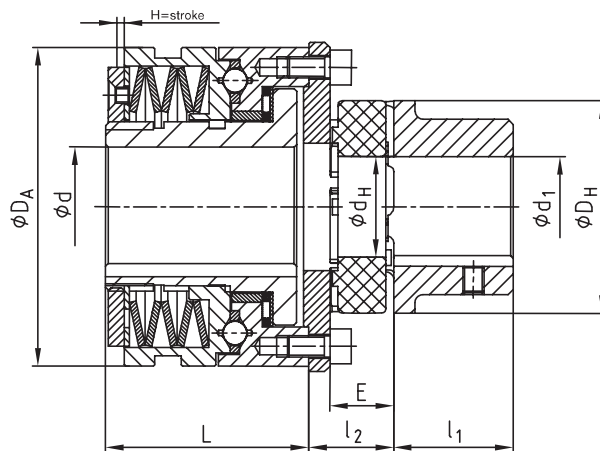


With torsionally flexible spacer coupling



- TT-SI safety clutch as a shaft-to-shaft connection
- Axial plug-in
- Able to compensate for misalignment
- Available as a ratchet, synchronous and fail-safe design
- Torque setting possible while in place
- Various kinds of elastomer hardness available
- Finish bore according to ISO fit H7, feather keyway according to DIN 6885 sheet 1 - JS9



Technical data

TT-SI size	Coupling size	Torque [Nm] <sup>1)</sup>		Coupling size	Torque [Nm] <sup>1)</sup>		TT-SI disk spring layer type DK Torque [Nm]				TT-SI disk spring layer type SR and SGR Torque [Nm]			
		T <sub>KN</sub>	T <sub>Kmax</sub>		T <sub>KN</sub>	T <sub>Kmax</sub>	T1	T2	T3	T4	T1	T2	T3	T4
0	19	17	34	28	160	320	2,5-5	5-20	–	20-40	5-10	10-40	–	–
1	24	60	120	38	325	650	6-12	12-25	25-55	55-100	12-25	25-50	50-100	–
2	28	160	320	48	525	1050	12-25	25-50	50-120	120-200	25-50	50-100	100-200	–
3	38	325	650	55	685	1370	25-50	50-100	100-250	200-450	50-100	100-200	200-450	–
4	48	525	1050	75	1920	3840	50-100	100-200	200-500	500-1000	100-200	200-400	400-800	800-2000
5	55	685	1370	90	3600	7200	85-250	230-600	300-1000	600-2000	170-450	350-900	600-1800	1200-3400
6	100	4950	9900	100	4950	9900	180-480	360-960	720-1950	1600-3300	300-750	600-1500	1200-3000	2900-5800
7	110	7200	14400	110	7200	14400	250-520	500-1050	1000-2100	2000-3600	550-1100	1100-2200	2200-4400	3000-8200

Dimensions

TT-SI size	Coupling size	Max. Bore		Dimensions [mm]							H=stroke [mm]	
		d	d <sub>1</sub>	D <sub>A</sub>	D <sub>H</sub>	d <sub>H</sub>	E	l <sub>1</sub>	l <sub>2</sub>	L	Design	
											DK	SR
0	19	20	24	55	40	18	16	25	22	38,5	1,4	1,2
	28		38		65	30	20	35	28,5			
1	24	25	28	82	55	27	18	30	24	52	2,3	1,8
	38		45		80	38	24	45	32,5			
2	28	35	38	100	65	30	20	35	28	61	2,4	2,0
	48		60		105	51	28	56	38			
3	38	45	45	120	80	38	24	45	32	78	2,7	2,2
	55		70		120	60	30	65	43			
4	48	55	60	146	105	51	28	56	38	100	3,7	2,5
	75		95		160	80	40	85	56,5			
5	55	65	70	176	120	60	30	65	44	113,5	4,6	3,0
	90		110		200	100	45	100	62			
6	100	80	115	200	225	113	50	110	72	119	5,0	3,5
7	110	100	125	240	255	127	55	120	78	141	5,5	4,0

<sup>1)</sup> The respective flexible jaw coupling can be selected based on the torque of the machine. Torques for 98 Sh-A spider

Ordering example	TT-SI 2	28	DK	T2	Ø25	Ø20	40 Nm
	Type/size	Coupling size	Design	Disk springs	Coupling bore	TT-SI bore	Torque set