

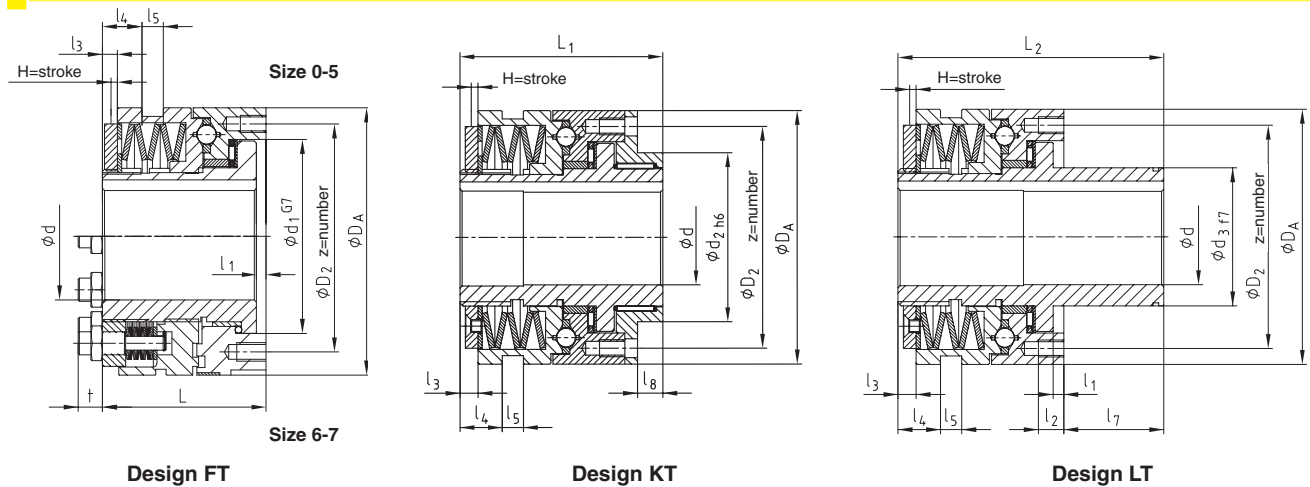
KTR-SI safety system



Design FT, KT and LT (design 001, 015 and 030)



- Standard KTR-SI safety clutch suitable up to 8200 Nm
- Available ready for assembly with the torque set
- For direct mounting of customers' components
- Available as a ratchet, synchronous and fail-safe design
- Torque setting possible while in place
- Finish bore according to ISO fit H7, feather keyway according to DIN 6885 sheet 1 - JS9
- Surface protection by phosphating



Design FT

Design KT

Design LT

KTR-SI Size	Torques [Nm]								Weight with max. bore kg
	Disk spring layers design DK				Disk spring layers design SR and SGR				
	T1	T2	T3	T4	T1	T2	T3	T4	
0	2,5-5	5-20	–	20-40	5-10	10-40	–	–	0,41
1	6-12	12-25	25-55	55-100	12-25	25-50	50-100	–	1,3
2	12-25	25-50	50-120	120-200	25-50	50-100	100-200	–	2,27
3	25-50	50-100	100-250	200-450	50-100	100-200	200-450	–	3,88
4	50-100	100-200	200-500	500-1000	100-200	200-400	400-800	800-2000	8,34
5	85-250	230-600	300-1000	600-2000	170-450	350-900	600-1800	1200-3400	13,51
6	180-480	360-960	720-1950	1600-3300	300-750	600-1500	1200-3000	2900-5800	26
7	250-520	500-1050	1000-2100	2000-3600	550-1100	1100-2200	2200-4400	3000-8200	42

KTR-SI Size	Dimensions [mm]																					
	Bore d		d ₁	D ₂	D _A	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄	l ₅	l ₇	l ₈	L	L ₁	L ₂	z	H = stroke			
	Pilot bore	max.																	DK	SR	SGR	FR
0	7	20	41	48	55	38	28	4	6,5	3	7,5	9	27,5	8	38,5	51	66	6xM5	1,4	1,2	0,6	1,6
1	10	25	60	70	82	50	38	4	8	6	11,5	9	33	10	52	70	85	6xM5	2,3	1,8	0,8	2,3
2	14	35	78	89	100	60	52	5	10	5	12	9	39	12	61	78	100	6xM6	2,4	2	1,1	3
3	18	45	90,5	105	120	80	65	5	12	8,5	21	10	47	12	78	96	125	6xM8	2,7	2,2	1,2	3,5
4	24	55	105	125	146	100	78	6,5	15	11	27	9	52,5	16	100	124,5	152,5	6xM10 ¹⁾	3,7	2,5	1,2	3,8
5	28	65	120,5	155	176	120	90	6,5	17	12	33	9	57,5	18	113,5	140	171	6xM12 ¹⁾	4,6	3	1,6	4,5
6 ²⁾	40	80	136	160	200	130	108	7	20	14	39	9	64	20	119	150	183	6xM12 ¹⁾	5	3,5	2,5	-
7 ²⁾	50	100	168	200	240	160	135	8	25	15	46	9	72	25	141	175	213	6xM16 ¹⁾	5,5	4	2,7	-

1) Type T4 SR and SRG: tightening torques according to 12.9

2) Size 6: dimension t= 15 mm, Size 7: dimension t= 21 mm

Order form:

KTR-SI	2	DK	FT	T2	Ø 20	40 Nm
Coupling type	Size	Design	Design	Disk springs	Bore	Torque set