

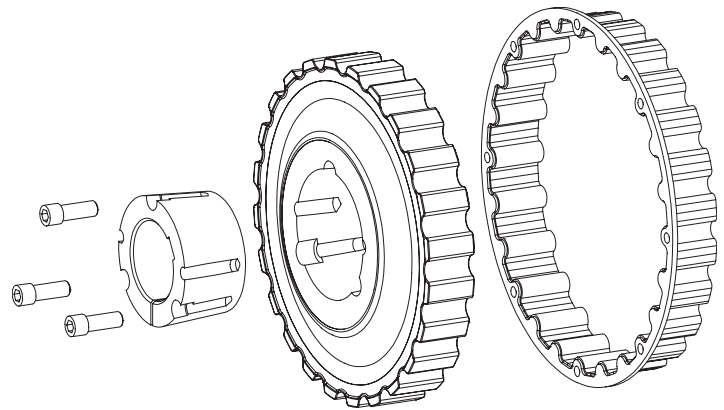
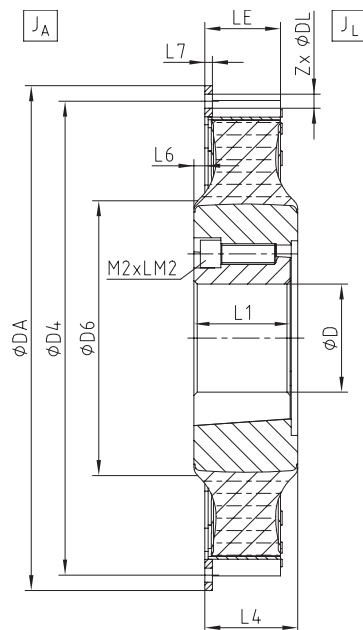
SINULASTIC® T

Highly flexible flange coupling

Pluggable disk coupling with optimal tooth contact



Type T specifies the hub type as Taperlock shaft connection

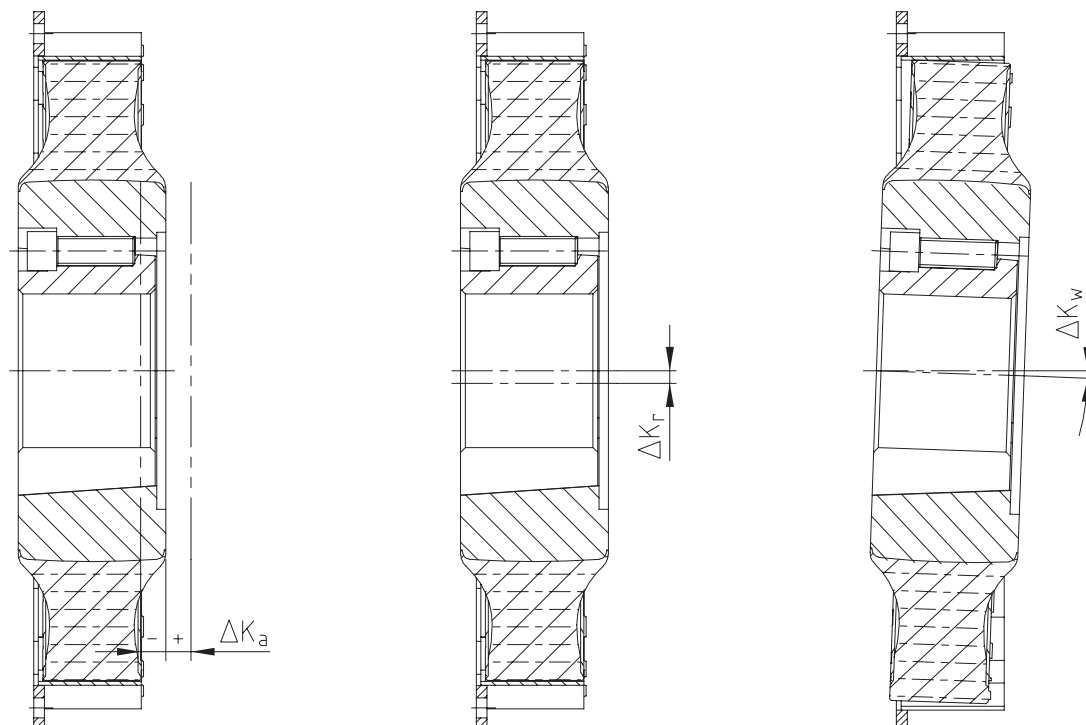


Flange dimensions according to SAE J620 [mm]				
Nominal size	DA	D4	Z	DL
11 1/2"	352.42	333.37	8	11
14"	466.72	438.15	8	13
18"	571.50	542.90	6	17
21"	673.10	641.35	12	17
24"	733.42	692.15	12	21
Ø475	475	450	12	11

SINULASTIC® type T																				
Size	Flange connection acc. to SAE - J620						Dimensions [mm]									Taper clamping sleeve		Mass moment of inertia [kgm²] ¹⁾		Weight [kg] ¹⁾
							Finish bore D		D6	LE	L1	L4	L6	L7	M2xLM2					
	11 1/2"	14"	18"	21"	24"	Ø475	Pilot bored	Max.												
	20							35	90	164	60	63.5	70.5 +3.5/-4.5	5.5	41.0 13.6	1/2"x38	3525	0.0947 0.1353	0.0568 0.0568	
28							35	90	244	44	63.5	57.0 ± 3	7.0	7.0	1/2"x38	3525	0.1873 0.4968	0.1919 0.1919	24.37 29.02	
																	0.2013 0.2444	0.1919 0.2404	24.63 28.68	
																		0.5539 0.2584	0.2404 0.2404	33.33 28.93
38							40	110	244	58	76.2	70.0 ± 3	7.0	7.0	5/8"x44	4030	0.2444 0.5539	0.2404 0.2404	28.68 33.33	
																	0.2584 0.2906	0.2404 0.2993	28.93 33.72	
53																	0.2906 0.6000	0.2993 0.2993	33.72 38.36	
							55	125	247	70	89.0	83.0 ± 3	13.0	7.0	3/4"x50	4535	0.6000 0.3046	0.2993 0.2993	38.36 33.97	

¹) With max. bore

Displacements



Axial displacement

Radial displacement

Angular displacement

SINULASTIC® T size		20	28	38	53
Perm. axial displacement ΔK_a [mm] ²⁾		±2.0	±3.0	±3.0	±3.0
Perm. radial displacement ΔK_r [mm]	1500 rpm	0.8	1.1	1.1	1.1
	$n_{max.}$	0.6	0.8	0.8	0.8
	max. ¹⁾	1.6	2.2	2.2	2.2
Perm. angular displacement ΔK_w [degree]	1500 rpm	0.7	0.6	0.6	0.6
	$n_{max.}$	0.5	0.4	0.4	0.4
	max. ¹⁾	1.1	0.9	0.9	0.9

¹⁾ With assembly, for a short time resp. rarely with downtime or start-up operation as well as exceptional load conditions.

²⁾ Plug-in fit in the tooth contact allows for alternative mounting lengths

Ordering example:

SINULASTIC® 53	T	M	14	1.0	Ø75
Coupling size	Type	Elastomer hard- ness	Flange ØDA acc. to SAE or special	Hub type	Finish bore