

- Frictionally engaged, backlash-free. Transmittable torques depending on taper sleeve and bore diameter.
- Compared with standard keyway connection, it's compact structure and much more convenient for installation and disassembly.
- Torsionally flexible, maintenance-free.
- Light mass, small moment of inertia.
- Damping impact and vibration.
- Axial plug-in, fail-safety.
- Good dynamic properties.
- Maximum torque of elastomer is twice of the rated torque.
- Mounting instructions at 03.103.

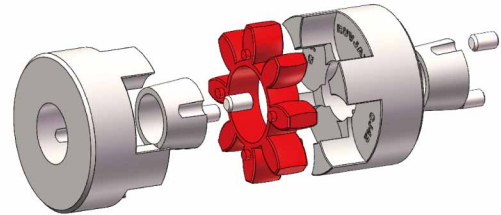
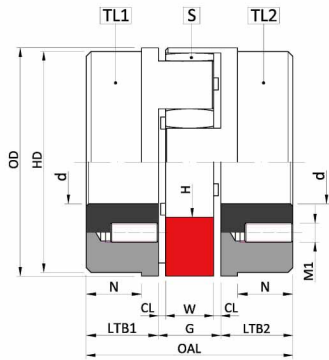


Fig 03.47

03.42

Size	TST	Dimensions mm										Hexagon cylindrical head screw				
		OD	HD	LTB1-LTB2	OAL	N	G	CL	W	H	Size	Length	Quantity	T _A		
-	-															
24	1008	55	55	22	62	-	18	2.0	14	27	M6	13	2	6		
28	1108	65	65	23	66	-	20	2.5	15	30	M6	13	2	6		
38	1108	80	78	23	70	15	24	3.0	18	38	M6	13	2	6		
42	1610	95	94	26	78	16	26	3.0	20	46	M10	16	2	20		
48	1615	105	104	39	106	28	28	3.5	21	51	M10	16	2	20		
55	2012	120	118	33	96	20	30	4.0	22	60	M10	22	2	20		
65	2012	135	115	33	101	19	35	4.5	26	68	M10	22	2	20		
75	2517	160	158	52	144	36	40	5.0	30	80	M12	25	2	49		
75	3020*	160	158	52	144	36	40	5.0	30	80	M16	32	2	92		
90	3020	200	160	52	149	33	45	5.5	34	100	M16	32	2	92		
100	3535	225	180	90	230	69	50	6.0	38	113	M12	49	3	113		
125	4545	290	230	114	288	86	60	7.0	46	147	M20	49	3	192		

03.43

Taper Sleeve	Bore Size <i>d</i> ,H7, Feather Keyway,GB1096,JS9																																				
-	9	10	11	12	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100	105	110			
1008	●	●	●	●	●	●	●	●	●	●	●	●																									
1108	●	●	●	●	●	●	●	●	●	●	●	●	●																								
1610				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																	
1615				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																	
2012							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●														
2517									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
3020											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3535													●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
4545																								●	●	●	●	●	●	●	●	●	●	●	●	●	●

- CJ24-28 hub standard material is powder metal, 38-90 hub standard material is cast iron, 100-125 hub standard material is Ductile iron .
- The taper sleeves meet the DIN and ANSI standards. Series I, II and III are optional upon request.
- The TL1 screw is located at the side of the elastomer, the TL2 screw is located at outside. The coupling can be TL1/TL1,TL2/TL2,TL1/TL2.
- The coupling allowable torque is taking the smaller transmittable torque valve between the selected elastomer torque and the taper sleeve torque.
- D is the bore diameter; The metric bore according to ISO fit H7. The feather keyway according to DIN6885 sheet1-JS91.
- The inch bore is in accordance with AGMA9002-C14 standard, the bore is clearance fit, and the keyway is commercial grade. More taper sleeve and bore size details, please refer to Doc 03.38.01
- ★ Only TL2
- TST: Taper Sleeve Type