

- Frictionally engaged, backlash-free. Transmittable torques depending on taper sleeve and bore diameter.
- Compared with standard keyway connection, installation is more convenient.
- Axis hub is single-sided dynamic balance, balance grade G6.3, if YOU need G2.5, please clarify it in the order.
- Light mass, small moment of inertia.
- Damping impact and vibration.
- Axial plug-in, fail-safety.
- Maximum torque of elastomer is twice of the rated torque.
- Mounting instructions at 03.102.

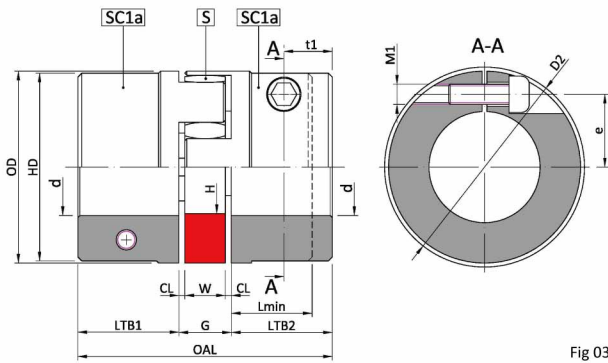


Fig 03.45

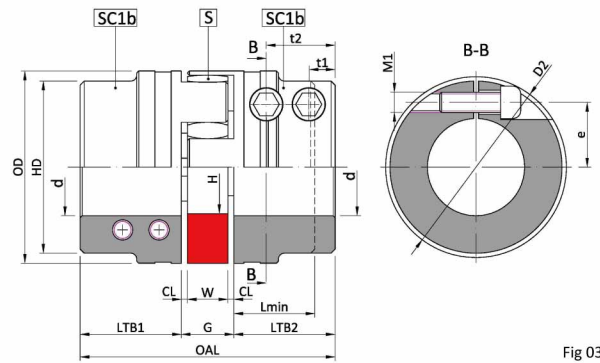


Fig 03.46

03.40

Size	Hub	Spider Rated Torque N.m			Dimensions mm														CHS	
		92ShA	98ShA	64ShD	d _{max}	OAL	LTB1\LTB2	Lmin	G	W	CL	OD	HD	H	D2	t1	t2	e	M1	T _A
-	-	92ShA	98ShA	64ShD	d _{max}	OAL	LTB1\LTB2	Lmin	G	W	CL	OD	HD	H	D2	t1	t2	e	M1	T _A
19	B	10	17	21	20	66	25	25	16	12	2.0	40	-	18	46.0	12	-	14.5	M6	14
24	B	35	60	75	28	78	30	25	18	14	2.0	55	-	27	57.5	12	-	20.0	M6	14
28	B	95	160	200	38	90	35	30	20	15	2.5	65	-	30	73.0	14	-	25.0	M8	35
38	A	190	325	405	42	114	45	35	24	18	3.0	80	70	38	77.5	19	-	26.5	M8	35
42	A	265	450	560	50	126	50	42	26	20	3.0	95	85	46	93.5	18	-	32.0	M10	69
48	A	310	525	655	55	140	56	46	28	21	3.5	105	95	51	105.0	21	-	36.0	M12	120
55	A	410	685	825	68	160	65	50	30	22	4.0	120	110	60	119.5	26	51	42.5	M12	120
65	A	625	940	1175	70	185	75	55	35	26	4.5	135	115	68	132.5	33	61	50.0	M12	120
75	A	1280	1920	2400	80	210	85	65	40	30	5.0	160	135	80	158.0	36	68	57.0	M16	295
90	A	2400	3600	4500	90	245	100	80	45	34	5.5	200	160	100	197.0	40	80	72.0	M20	580

03.41

Size	SC2 Hub boring diameter and related transmittable torque(Nm)																														
	8	10	11	14	15	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	
19	44	46	47	51	52	53	55	57	58																						
24		59	60	64	65	66	68	70	71	73	76	77	80																		
28				139	141	144	148	150	152	157	161	163	170	174	178	185	191														
38					163	165	170	172	174	178	183	185	192	196	200	207	213	217	222												
42									291	297	304	308	318	325	332	342	353	360	367	377	387	394									
48									466	476	486	491	506	516	526	542	557	567	577	592	607	618	643								
55															1185	1215	1245	1266	1286	1316	1347	1367	1417	1468	1519						
65																1316	1347	1367	1387	1417	1448	1468	1519	1569	1620	1671					
75																			2869	2926	2983	3022	3117	3213	3309	3404	3500	3595			
90																				5220	5310	5400	5460	5610	5760	5910	6060	6210	6360	6510	6660

- Hub standard material is 45# steel.
- D is the bore diameter; The metric bore according to ISO fit H7. Refer to table 41.
- Hexagon socket set screws with cup point is accordance with DIN EN ISO4029, Strength class: 12.9. T_A is tightening torque, unit: Nm.
- The inch bore is in accordance with AGMA9002-C14 standard, the bore is clearance fit. Detailed boring diameter and related transmittable torque, please refer to Doc. 03.37.01.
- 19-28mm B-type steel hub with single set screw, 38-90mm are A-type hub, wherein 38-48 are with single set screw, 55-90 are with double set screw.
- The e value of T1 and T2 is different for double-set screws.