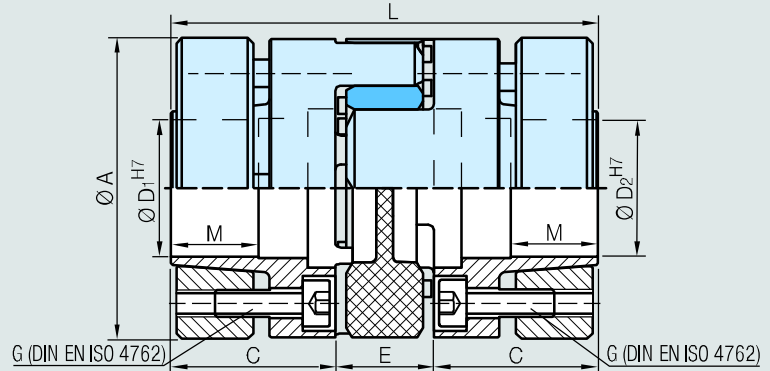


Backlash-free Servo-insert Coupling Type ASS/A



Technical data Type ASS/A

Type			14	19	24	28	38	42	48
Nominal torque	(Nm)	TKN (92ShA)	12,5	17	60	160	325	450	525
Moment of inertia of coupling	(10 ⁻⁶ kgm ²)	J ¹⁾	0,014	0,063	0,26	0,63	1,96	6,43	10,54
Tightening torque of screws	(Nm)	MA	1,8	3	6	6	10	35	69
Weight per hub	(app. kg)	m	0,049	0,12	0,28	0,45	0,95	2,3	3,08
Max. speed	(rpm)	n _{max}	25400	19000	13800	11700	9550	8050	7200
Standard shore hardness			98 SH A (red)						

Dimensions (mm) Type ASS/A

Type		14	19	24	28	38	42	48	
L		50	66	78	90	114	126	140	
A		32	40	55	65	80	95	105	
C		18,5	25	30	35	45	50	56	
Ø D ₁ ^{H7} / Ø D ₂ ^{H7}	min. - max.	6-14	10-20	11-25	15-36	20-41	27-50	30-55	
E		13	16	18	20	24	26	28	
G (DIN EN ISO 4762)		4xM3	6xM4	4xM5	8xM5	8xM6	4xM8	4xM10	
M		11	14	16	21	28	28	30	
Hub material		aluminium alloy						steel	

Bore range D1/D2 and corresponding torque values (Nm) of the coupling

Type	Ø 6	Ø 10	Ø 11	Ø 13	Ø 14	Ø 15	Ø 17	Ø 19	Ø 20	Ø 24	Ø 25	Ø 27	Ø 30	Ø 32	Ø 36	Ø 38	Ø 41	Ø 42	Ø 44	Ø 48	Ø 50	Ø 55
14	3,6	12,5	12,5	12,5	12,5																	
19		17	17	17	17	17	17	17	17													
24			22	37	46	56	60	60	60	60	60											
28						56	68	114	134	160	160	160	160	160								
38									134	230	261	325	325	325	325	325	325					
42												329	450	450	450	450	435	450	450	450	450	
48													450	525	525	525	525	525	525	525	525	525

¹⁾ Moment of inertia and weight (mass) are calculated with reference to the largest bore size.