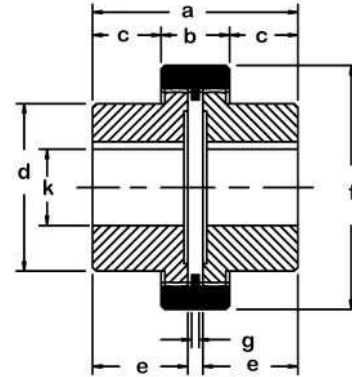


Metric Gear Coupling (with Nylon Outer Sleeve)



Series	Available Bores H7 Tolerance							Set Screw at 90°	
	f	d	k	e	g	c	b	a	
0.5/14	40	25	11-14	23	3	6.5	37	50	M4x4
2/24	52	36	14-19-24	26	3	7.5	41	56	M6x6
3.5/28	66	44	19-22-24-28	40	3	19	46	84	M6x8
5/32	76	50	22-24-28-32	40	3	18	48	84	M8x10
6.5/38	83	58	24-28-32-38	40	3	18	48	84	M8x12
8/42	92	65	28-32-38-42	42	3	19	50	88	M10x12
12/48	100	68	32-38-42-48	50	3	27	50	104	M10x12
30/65	140	96	38-42-48-65	70	3	36	72	144	M12x20
40/80	175	124		90	4	46.5	93	186	

*A complete coupling consists of (3) pieces. (2) hubs and (1) sleeve.
Ordered separately

Technical Data

Series	Power kW 1/min	Torque Nm	Transmitted Power in kW at listed RPM					Max. RPM	Weight kg	kgcm ²	Max. Misalignment for Each Hub		Axial Dis- place-
			500	750	1000	1500	3000				Angular α°	Radial mm	
0.5/14	0.0010	10	0.5	0.8	1.1	1.6	3.1	14,000	0.210	0.26	±1	±0.3	±1
2/24	0.0021	21	1	1.6	2.1	3.2	6.4	10,500	0.480	1.15	±1	±0.4	±1
3.5/28	0.0047	45	2.4	3.5	4.8	7.1	14	8,500	1.180	3.95	±1	±0.4	±1
5/32	0.0062	60	3	4.7	6.3	9.5	19	7,600	1.470	6.78	±1	±0.4	±1
6.5/38	0.0085	81	4.3	6.4	8.4	12.5	25	6,700	1.910	10.80	±1	±0.4	±1
8/42	0.0111	100	5.2	8	10	16	32	6,000	2.520	12.64	±1	±0.4	±1
12/48	0.016	142	7.4	11	15	22	44	5,580	3.21	22.66	±1	±0.4	±1
30/65	0.040	380	20	30	40	60	120	4,000	8.86	125.65	±1	±0.6	±1
40/80	0.073	700	38	55	74	110	220	3,100	18.60	400.00	±1	±0.7	±1

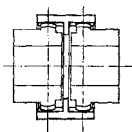
Note: The maximum power rating is 2x (two times) the values shown in the above table.

ORDERING EXAMPLE: HUB FINISHED BORE
H 0.5/14 B11 HUG W
= H 0.5/14 SERIES WITH 11mm BORE

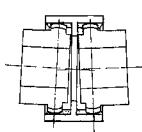
HUB UNBORE
H 2/24
H 2/24 SERIES

SLEEVE
SL 8/42
8/42 SLEEVE

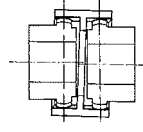
LONG SLEEVE
HL 5/32
5/32 LONG SLEEVE



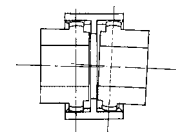
Properly Aligned



Angular Misalignment



Radial Misalignment



Angular & Radial Misalignment



American Metric® Corporation