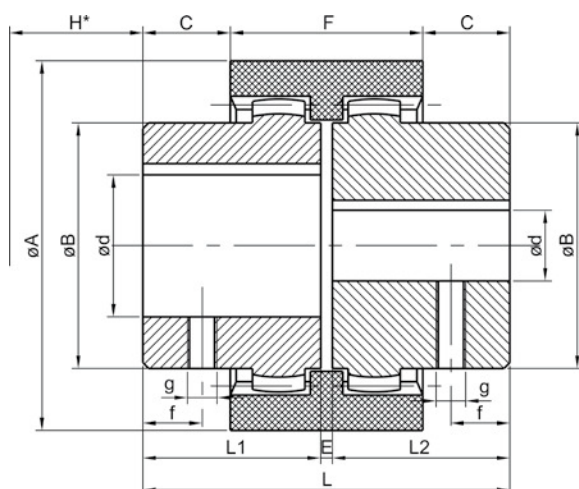


DENTEX® - COUPLINGS, SERIES B



FEATURES

- Compensation of axial, radial and angular misalignment of shafts through double cardanic action
- Quick and easy assembly
- Excellent electrical insulating properties
- High thermal stability
- No maintenance

TECHNICAL DATA

Type	Prebored	Finish bore d [mm]		Dimensions [mm]										Extended hub length	Weight [kg]	Moment of inertia J [kg m ²]
		min	max	A	B	L	L1/L2	E	H*	C	F	g	f			
B-14	5	6	14	40	25	50	23	4	15	6.5	37	M5	6	40	0.175	0.000030
B-19	8	9	19	48	30	54	25		17	7.0	37			—	0.320	0.000470
B-24	9	10	24	52	36	56	26		7.5	41	50			0.316	0.000093	
B-28			28	66	44	84	40		19.0	46	55	0.739	0.000310			
B-32	11	12	32	76	50				M8	10	18.0	48	0.950	0.000550		
B-38	12	14	38	83	58	60	1.220				0.000870					
B-42	16	20	42	92	65	88	42		22	19.0	50	1.490	0.001400			
B-48			48	100	68	104	50		22	27.0	50	1.810	0.001800			
B-55	—	25	55	125	83	124	60		30	30.0	65	—	3.450	0.004600		
B-65	0/30	10/32	65	140	96	144	70		32	36.0	72	M10	20	—	5.180	0.009900
B-80	—	30	80	175	124	186	90	6	45	46.5	93			—	11.500	0.037000
B-100	35	40	100	210	152	228	110	8	55	63.0	102	M12	30	—	20.500	0.115600

H* is the minimum dimension required for the disassembly of the aggregates in a radial direction. Finish bore acc. to ISO standard H7, keyway acc. to DIN 6885, sheet 1 (JS9). Weight and moment of inertia values refer to maximum diameter d without keyway.

ASSEMBLY INSTRUCTION

During assembly it is important that the hubs are correctly fitted on the shafts and that the dimension E is maintained. The dimension E can be checked by the total assembly length L. An inexact dimension E has a negative influence on the performance of the coupling. Check that axial movement of the coupling sleeve can be effected easily before operating the coupling for the first time. The permissible displacement values are dependent on rotation and transmitted power.