Clamping (Aluminum Alloy) Disc Couplings with Stepped

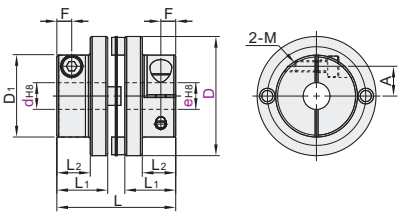
Code	Type		Material		Surface Treatment	Accessories
			Main Body	Disc	Main Body	
DBN01	Clamping	Single Disc	Aluminium Alloy	Stainless Steel	Anodize	Hex Socket Head Cap Screw
DBN21		Double Disc				

The surface treatment of some products is pearl nickel plating, please consult our staff for details.

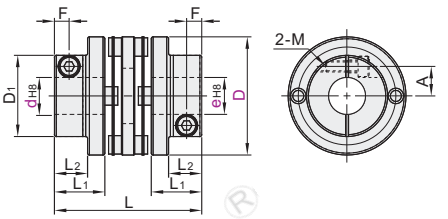
Features

- With big antitorque load ,high torque rigidity and sensitivity.
- Zero turning clearance.
- Identical clockwise and anticlockwise rotational characteristics.
- The stainless steel disk allows eccentricity, and angular misalignment, and end-play. (the axial deviation caused by eccentricity is not allowed for DBN01).
- The lateral, angular, and axial misalignment values shown are for each occuring individually. When more than one misalignments are occuring simultaneously, the allowable maximum value of each will the allowable values will be reduced.

Single Disc
DBN01



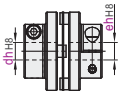
Double Disc
DBN21



The first perspective

Part Number Code	D	d-e						
Single Disc DBN01	32	d	6	7	8	10		
		e	6 7 8 10	7 8 10	8 10	10		
	40	d	7	8	10	11	12	14
		e	7 8 10 11 12 14	8 10 11 12 14	10 11 12 14	11 12 14	12 14	14
Double Disc DBN21	50	d	14	15	16	18	19	20
		e	14 15 16 18 19 20	15 16 18 19 20	16 18 19 20	18 19 20	19 20	20
	63	d	15	16	18	19	20	25
		e	15 16 18 19 20 25	16 18 19 20 25	18 19 20 25	19 20 25	20 25	25

Optional Processing

Alterations Code	Change Shaft Bore Dia.(d/e) dh( ) eh( )
Spec.	

Ordering Code dh3.1 eh4.5

- 0.1 mm Inc.
- dh≤eh
- In selection, d(e) must be changed to dh(eh).

D	dh-eh
32	6~10
40	7~14
50	14~20
63	15~25

Part Number Code	D	D_1	L	L_1	L_2	A	F	M	Tightening Torque (N·m)	Rated Torque (N·m)	Allowable Mounting Deviation Angular(°)	Radial(mm)	Axial(mm)	Static Torsional Rigidity (N·m/rad)	Max.Rotational Speed(r/min)	Moment of Inertia ($kg·m^2$)	Weight (g)
Single Disc DBN01	32	22	32	13.7	9	8	4	M3	1.5	2	1	—	±0.2	1300	19000	4.5×10^{-6}	38
	40	28	38	16.5	12	10.5	6	M4	2.5	4				2800	15000	1.2×10^{-5}	66
	50	39	44	19.4	15	14.8	7	M5	7	7.5				3700	12000	3.7×10^{-5}	120
	63	45	50	22.3	18	17	8	M6	12	10				5000	10000	8.4×10^{-5}	190
Double Disc DBN21	32	22	42	13.7	9	8	4	M3	1.5	2	2	0.15	±0.4	1000	19000	6.2×10^{-6}	48
	40	28	49	16.5	12	10.5	6	M4	2.5	4		0.2	±0.5	1500	15000	1.6×10^{-5}	81
	50	39	58	19.4	15	14.8	7	M5	7	7.5			±0.6	2000	12000	4.6×10^{-5}	150
	63	45	64	22.3	18	17	8	M6	12	10		0.3	±0.8	2500	10000	1.1×10^{-4}	230

Inertia moment and weight values are for cases of maximum shaft diameter.

Please order as shown

Part Number Code	D	d-e
DBN01 DBN21	32	d 6 / e 6 7 8 10

DBN01—D32—d6—e8

Optional Processing

Part Number Code	D	d-e	Optional Processing Code
DBN01 DBN21	32	d 6 / e 6 7 8 10	dh( ) eh( )

DBN01—D32—dh6.1—eh9.8

Discount price

Per	1~4	5~
Price	100%	Additional quotation

Delivery 14