

High Rigidity Clamping

Single Disc / Double Disc(Aluminum Alloy)

Economy Type Disc Couplings

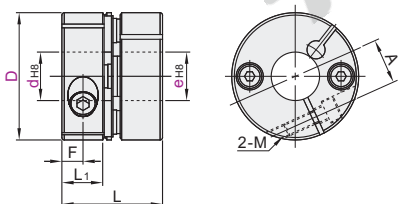
Code	Type	Material		Surface Treatment	Accessories
		Main Body	Disc	Main Body	
DBJ01	Clamping	Single Disc	Aluminum Alloy	Stainless Steel	Anodize
DBJ11	Clamping	Double Disc	Aluminum Alloy	Stainless Steel	Anodize

① The surface treatment of some products is pearl nickel plating, please consult our staff for details.

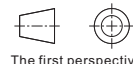
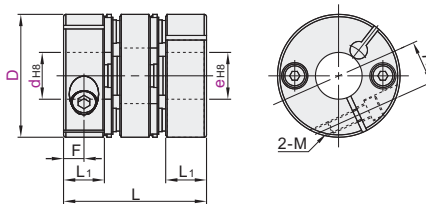
Features:

- With big antitorque load ,high torque rigidity and sensitivity.
- Zero rotary clearance.
- Zero-clearance screw fixing elastic steel sheet.
- Identical clockwise and anticlockwise rotational characteristics.
- The stainless steel disk allows eccentricity, and angular misalignment, and end-play. (DBJ01 can't compensate radial deviation).
- The lateral, angular, and axial misalignment values shown are for each occurring individually. When more than one misalignments are occurring simultaneously, the allowable maximum value of each will be reduced.

Single Disc
DBJ01



Double Disc
DBJ11



The first perspective

Part Number		d-e									
Code	D										
Single Disc DBJ01	21	d	4	5	6	8	9				
		e	4 5 6 7 8 9	5 6 8 9	6 8 9	8 9	9				
	28	d	5	6	8	9	10				
		e	5 6 8 9 10	6 8 9 10	8 9 10	9 10	10				
	34	d	6	8	9	10	11	12	14		
Double Disc DBJ11		e	6 8 9 10 11 12 14	8 9 10 11 12 14	9 10 11 12 14	10 11 12 14	11 12 14	12 14	14		
	46	d	8	9	10	11	12	14			
		e	8 9 10 11 12 14	9 10 11 12 14	10 11 12 14	11 12 14	12 14	14			
	55	d	12	14	15	17	19	20	22	24	25
		e	12 14 15 17 19 20 22 24 25	14 15 17 19 20 22 24 25	15 17 19 20 22 24 25	17 19 20 22 24 25	19 20 22 24 25	20 22 24 25	22 24 25	24 25	25

Part Number		L	L ₁	A	F	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Allowable Mounting Deviation	Static Torsional Rigidity (N·m/rad)	Max. Rot. Speed (r/min)	Moment of Inertia (kg·m ²)	Weight (g)
Code	D									Radial (mm) Angular (°) Axial (mm)				
DBJ01	21	16.7	7	7	3.5	M2.5	1.2	1.2	2.4	1.0 1.0	1700		1.11×10 ⁻⁶	12
	28	21	9	9.5	4	M3	1.5	1.6	3.2	1.2 1.2	6000		4.68×10 ⁻⁶	30
	34	23.3	9.8	12	5	M3	1.5	4	8		8000		1.10×10 ⁻⁵	45
	46	29.8	12.6	16.5	6	M4	3.5	10	20	1.5 1.5	20000		4.70×10 ⁻⁵	105
	55	37.2	16	20.5	7	M5	6	25	50		33000		1.19×10 ⁻⁴	180
DBJ11	21	24.5	7	7	3.5	M2.5	1.2	1.2	2.4	1.0 1.0	800	10000	7.90×10 ⁻⁷	17
	28	32	9	9.5	4	M3	1.5	1.6	3.2	1.2 1.2	3000		3.24×10 ⁻⁶	42
	34	35	9.8	12	5	M3	1.5	4	8		4800		7.60×10 ⁻⁶	65
	46	44	12.6	16.5	6	M4	3.5	10	20	1.5 1.5	11500		3.23×10 ⁻⁵	151
	55	55	16	20.5	7	M5	6	25	50		19000		8.19×10 ⁻⁵	260

① Inertia moment and weight values are for cases of maximum shaft diameter.

Alterations	Change Shaft Bore Dia. (d/e)		Keyway Machining (d Side)		Keyway Machining (e Side)	
	Code	dh () eh ()	DC	DD	DD	DD
Optional Processing	Spec.	Ordering Code dh3.1 eh4.5 ① 0.1 mm Inc. ② dh≤eh ③ In selection, d(e) must be changed to dh(eh).	Ordering Code DC ① Cannot be combined with shaft bore change (dh,eh) alterations.	Ordering Code DD ① Cannot be combined with shaft bore change (dh,eh) alterations.		

① Keyway machining can be selected only when the hole diameter is ≥ 6.



Please order as shown

Part Number		d-e	
Code	D	d	e
DBJ01	21	d	e
DBJ11	21	d	e

DBJ01—D21—d4—e8

Optional Processing

Part Number		d-e		Optional Processing Code
Code	D	d	e	
DBJ01	21	d	e	DC
DBJ11	21	d	e	DD

DBJ01—D21—d4—e8—DD

Optional Processing

Part Number		d-e		Optional Processing Code
Code	D	d	e	
DBJ01	21	d	e	dh () eh ()
DBJ11	21	d	e	dh () eh ()

DBJ01—D21—d4—eh8.3



Discount price
Per 1~4 5~
Price 100% Additional quotation



Delivery
14