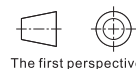
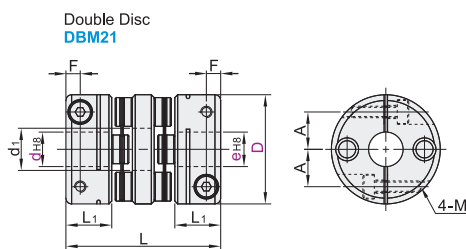


Single Disc / Double Disc(Aluminum Alloy)



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

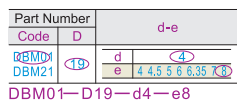
- Features :
 - With big antitorque load ,high torque rigidity and sensitivity.
 - Zero turning clearance.
 - Identical clockwise and anticlockwise rotational characteristics.
 - The stainless steel disk **allows** eccentricity, and angular misalignment, and end-play.
(the axial deviation caused by eccentricity is not **allowed** for **DBM01**).
 - 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 the **allowable** values will be reduced.



The first perspective

Part Number		L	L ₁	A	F	d ₁	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Allowable Mounting Deviation			Static Torsional Rigidity (N·m/rad)	Max. Rotational Speed (rpm)	Moment of Inertia (kg·m ²)	Weight (g)
Code	D										Angular (°)	Radial (mm)	Axial (mm)				
DBM01	19	20	9.2	6.5	3.3		M2	1	0.7	1.4				280	33000	6.3×10 ⁻⁷	9
	25	24	10	9	3.5		M2.5	1	1	2				630	25000	2.1×10 ⁻⁶	19
	32	29	12	11	4	—	M3	1.5	2.5	5	0.7	—	±0.2	1600	19000	7.2×10 ⁻⁶	41
	40	33	14	15	5		M4	2.5	3.5	7				2600	15000	1.3×10 ⁻⁵	68
	50	42	18	18	6		M5	7	9	18				3100	12000	6.1×10 ⁻⁵	140
DBM21	19	28	9.2	6.5	3.3	8.5	M2	1	0.7	1.4				200	33000	8.7×10 ⁻⁷	18
	25	32	10	9	3.5	12.5	M2.5		1	2		0.12		450	25000	2.7×10 ⁻⁶	25
	32	40	12	11	4	16	M3	1.5	2.5	5	1.5		±0.5	1100	19000	9.6×10 ⁻⁶	60
	40	44	14	15	5	21	M4	2.5	3.5	7		0.15		1400	15000	1.9×10 ⁻⁵	100
	50	57	18	18	6	26	M5	7	9	18				2200	12000	8.1×10 ⁻⁵	210

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



Optional Processing

Part Number		d-e	Optional Processing Code
Code	D		
DBM01	19	d	4
DBM21		e	4 4,5 5 6 6,35 7 8

DBM01—D19—d4—e8—DD

Part Number		d-e	Optional Processing Code				
Code	D						
DBM01 DBM21	(19)	<table><tr><td>d</td><td>(4)</td></tr><tr><td>e</td><td>4 4 5 5 6 6 3 5 7 8</td></tr></table>	d	(4)	e	4 4 5 5 6 6 3 5 7 8	dh() eht()
d	(4)						
e	4 4 5 5 6 6 3 5 7 8						

DBM01—D19—d4—eh7.3



Optional
Processing

Alterations	Change Shaft Bore Dia.(d/e)		Keyway Machining(d Side)	Keyway Machining(e Side)												
Code	dh () eh ()		DC	DD												
Spec.																
	Ordering Code dh4.1 eh6.5															
	① 0.1 mm Inc.															
	② dh-seh															
	③ In selection, d(e) must be changed to dh(eh).															
	<table><tr><th>d</th><th>dh-eh</th></tr><tr><td>19</td><td>4-8</td></tr><tr><td>25</td><td>6-11</td></tr><tr><td>32</td><td>8-15</td></tr><tr><td>40</td><td>8-20</td></tr><tr><td>50</td><td>12-25</td></tr></table>		d	dh-eh	19	4-8	25	6-11	32	8-15	40	8-20	50	12-25	Ordering Code DC	Ordering Code DD
d	dh-eh															
19	4-8															
25	6-11															
32	8-15															
40	8-20															
50	12-25															
	① Cannot be combined with shaft bore change (dh,eh) alterations.		① Cannot be combined with shaft bore change (dh,eh) alterations.													

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



Per	1~4	5~
Price	100%	Additional quotation



Delivery

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