

Economy Type Disc Couplings

Clamping Single Disc/Double Disc

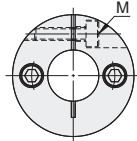
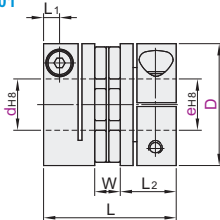
Code	Type		Material		Surface Treatment	Accessories
			Main Body	Disc		
DEG01	Clamping	Single Disc	Aluminum	Stainless Steel	Pearl Nickel	Hex Socket Head Cap Screw
DEG11		Double Disc	Alloy	Steel		

Features:

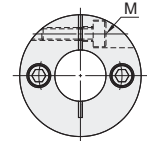
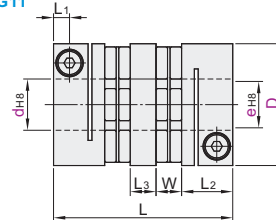
- With high torsional rigidity, It can accurately control the rotation of shaft with high precision.
- Use friction knot junction for transmission, no clearance, which is the best for ultra-precision control.
- The stainless steel disk allows eccentricity, and angular misalignment, and end-play.
- Identical clockwise and anticlockwise rotational characteristics.



Single Disc
DEG01



Double Disc
DEG11



There may be some marks on the surface due to the manufacturing process.

When eccentricity, deflection angle and axial displacement are occurred simultaneously, The allowable value will be reduced.



Part Number		d-e																																				
Code	D																																					
Single Disc DEG01	19	d	3				4				5				6				6.35		7		8															
		e	3	4	5	6	6.35	7	8	4	5	6	6.35	7	8	5	6	6.35	7	8	8																	
	26	d	4				5				6				6.35				7		8		9		9.525		10		11									
		e	4	5	6	6.35	7	8	9	9.525	10	11	5	6	6.35	7	8	9	9.525	10	11	6	6.35	7	8	9	9.525	10	11	12								
	29	d	5				6				6.35				8		10		11		12		14															
		e	5	6	6.35	8	10	11	12	14	6	6.35	8	10	11	12	14	8	10	11	12	14	14															
	34	d	5				6				6.35				7		8		9		9.525		10		11		12		12.7		13		14		15			
		e	5	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	16	17	18	19	20				
	39	d	8				9				9.525				10		11		12		12.7		13		14		15		16									
		e	8	9	9.525	10	11	12	12.7	13	14	15	16	9	9.525	10	11	12	12.7	13	14	15	16	10	11	12	12.7	13	14	15	16	17	18	19	20			
	44	d	8				9				9.525				10		11		12		12.7		13		14		15		16		17		18		19		20	
		e	8	9	9.525	10	11	12	12.7	13	14	15	16	9	9.525	10	11	12	12.7	13	14	15	16	10	11	12	12.7	13	14	15	16	17	18	19	20			
56	d	12				12.7				13				14				15		16		17		18		19		20		22		24		25				
	e	12	12.7	13	14	15	16	17	18	19	20	22	24	25	13	14	15	16	17	18	19	20	14	15	16	17	18	19	20	22	24	25						
68	d	14				15				16				17		18		19		20		22		24		25		28		30								
	e	14	15	16	17	18	19	20	22	24	25	28	30	15	16	17	18	19	20	22	24	25	16	17	18	19	20	22	24	25	28	30						
82	d	24				25				28				30		32		35																				
	e	24	25	28	30	32	35	25	28	30	32	35	28	30	32	35	30	32	35	32	35	35																
Double Disc DEG11	19	d	3				4				5				6				6.35		7		8															
		e	3	4	5	6	6.35	7	8	4	5	6	6.35	7	8	5	6	6.35	7	8	7	8	8															
	26	d	4				5				6				6.35				7		8		9		9.525		10		11									
		e	4	5	6	6.35	7	8	9	9.525	10	11	5	6	6.35	7	8	9	9.525	10	11	6	6.35	7	8	9	9.525	10	11	12								
	29	d	5				6				6.35				8		10		11		12		14															
		e	5	6	6.35	8	10	11	12	14	6	6.35	8	10	11	12	14	8	10	11	12	14	14															
	34	d	5				6				6.35				7		8		9		9.525		10		11		12		12.7		13		14		15			
		e	5	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	16	17	18	19	20				

Part Number		d-e																								
Code	D																									
39	d	8				9				9.525				10		11	12	12.7	13	14	15	16				
	e	8 9 9.525 10 11 12 12.7 13 14 15 16	9 9.525 10 11 12 12.7 13 14 15 16	9.525 10 11 12 12.7 13 14 15 16	10 11 12 12.7 13 14 15 16	11 12 12.7 13 14 15 16	12 12.7 13 14 15 16	12.7 13 14 15 16	13 14 15 16	14 15 16	15 16	16	15 16	16												
44	d	8				9				9.525				10		11	12	12.7	13	14	15	16	17	18	19	20
	e	8 9 9.525 10 11 12 12.7 13 14 15	9 9.525 10 11 12 12.7 13 14 15 16	9.525 10 11 12 12.7 13 14 15 16	10 11 12 12.7 13 14 15 16	11 12 12.7 13 14 15 16	12 12.7 13 14 15 16 17	12.7 13 14 15 16 17	13 14 15 16 17 18	14 15 16 17 18 19	15 16 17 18 19 20	16 17 18 19 20	17 18 19 20	18 19 20	19 20	20	16 17 18 19 20	17 18 19 20	18 19 20	19 20	20	17 18 19 20	18 19 20	19 20	20	
56	d	12				12.7				13				14		15	16	17	18	19	20	22	24	25		
	e	12 12.7 13 14 15 16 17 18 19 20 22 24 25	12.7 13 14 15 16 17 18 19 20 22 24 25	13 14 15 16 17 18 19 20 22 24 25	14 15 16 17 18 19 20 22 24 25	15 16 17 18 19 20 22 24 25	16 17 18 19 20 22 24 25	17 18 19 20 22 24 25	18 19 20 22 24 25	19 20 22 24 25	20 21 22 24 25	21 22 23 24 25	22 23 24 25	23 24 25	24 25	25	18 19 20 22 24 25	19 20 22 24 25	20 21 22 24 25	21 22 23 24 25	22 23 24 25	23 24 25	24 25	25		
68	d	14				15				16				17		18	19	20	22	24	25	28	30			
	e	14 15 16 17 18 19 20 22 24 25 28 30	15 16 17 18 19 20 22 24 25 28 30	16 17 18 19 20 22 24 25 28 30	17 18 19 20 22 24 25 28 30	18 19 20 22 24 25 28 30	19 20 22 24 25 28 30	20 22 24 25 28 30	22 24 25 28 30	24 25 28 30	25 28 30	28 30	25 28 30	28 30	30	20 22 24 25 28 30	22 24 25 28 30	24 25 28 30	25 28 30	28 30	30	25 28 30	28 30	30		
82	d	24				25				28				30		32	35									
	e	24 25 28 30 32 35	25 28 30 32 35	28 30 32 35	30 32 35	32 35	35																			

Part Number		L	L ₁	L ₂	L ₃	W	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Static Torsional Rigidity (N·m/rad)	Allowable Mounting Deviation			Weight (g)
Code	D													Radial (mm)	Angular (°)	Axial (mm)	
Single Disc DEG01	19	19.25	3.1	9.0		1.25		1.0	0.8	1.6		0.58×10 ⁻⁵	580			±0.10	11
	26	23.5	3.3	10.5		2.5	M2.5	1.0	1.5	3		2.26×10 ⁻⁵	950	0.02	1	±0.15	25
	29	26.5	3.75	12				1.5	3	6		4.10×10 ⁻⁵	1350	0.15	2	±0.30	43
	34	27.35	4.0	12.0		3.35	M3		4	8		8.02×10 ⁻⁵	2000			±0.20	49
	39	34.35			—	4.35		6	12		10000	1.80×10 ⁻⁵	4500			±0.25	82
	44	34.6	5.0	15.0		4.6	M4	3.4	10	20		2.85×10 ⁻⁵	5200	0.02	1	±0.30	100
	56	45.25	6.6	20.0		5.25	M5	7.0	25	50		8.96×10 ⁻⁵	11000			±0.40	222
	68	53.8	7.6	24.0		5.8	M6	14.0	60	120		2.59×10 ⁻⁴	19000			±0.45	389
Double Disc DEG11	82	68.0	9.3	30.0		8	M8	30.0	100	200		7.10×10 ⁻⁴	22000			±0.55	727
	19	26.5	3.0	9.0	6.0	1.25		1.0	0.8	1.6		0.78×10 ⁻⁵	430	0.11	1	±0.20	15
	26	33.5	3.3	10.5	7.5	2.5	M2.5		1.5	3		3.30×10 ⁻⁵	700	0.15	(One side)	±0.30	35
	29	35.7	3.75	12	6.7			1.5	3	6		5.50×10 ⁻⁵	1200		2	±0.30	43
	34	38.2	4.0	12.0	7.5	3.35	M3		4	8		1.05×10 ⁻⁵	1700	0.18		±0.36	61
	39	47.7				4.35		6	12		10000	2.57×10 ⁻⁵	2500	0.22		±0.50	115
	44	48.2	5.0	15.0	9.0	4.60	M4	3.4	10	20		4.25×10 ⁻⁵	3000	0.24	1	±0.60	140
	56	62.5	6.6	20.0	12.0	5.25	M5	7.0	25	50		1.33×10 ⁻⁴	8500	0.28	(One side)	±0.80	307
	68	73.6	7.6	24.0	14.0	5.80	M6	14.0	60	120		3.67×10 ⁻⁴	12000	0.32		±0.90	535
	82	98.0	9.3	30.0	22.0	8.00	M8	30.0	100	200		1.03×10 ⁻³	15000	0.52		±1.00	981

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



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 dh3.1 eh4.5 ① 0.1 mm Inc. ② dhseh 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.
② See "product introduction" for machining dimension of keyway.



Please order as shown

Part Number	d-e
Code	D
DEG01	19
	3 4 5 6 6.35
	28

DEG01—D19—d3—e7

② Optional Processing

Part Number	d-e	Optional Processing Code
Code	D	
DEG01	19	
	3 4 5 6 6.35	dh () eh ()
	7 8	DC DD

DEG01—D19—d3—eh7.1



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



Delivery
14

High Rigidity Clamping

Single Disc / Double Disc(Aluminum Alloy)

Economy Type Disc Couplings

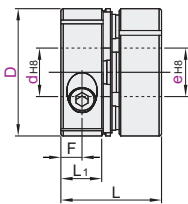
Code	Type	Material	Surface Treatment		Accessories
			Main Body	Disc	
DBJ01	Clamping	Single Disc	Aluminum Alloy	Stainless Steel	Pearl Nickel
DBJ11	Double Disc	Aluminum Alloy	Stainless Steel	Pearl Nickel	Hex Socket Head Cap Screw

Features:

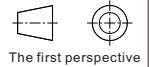
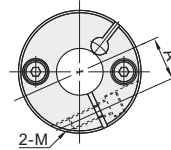
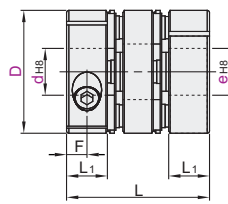
- With big antitorque load ,high torque rigidity and sensitivity.
- Zero rotary clearance.
- Zero-clearance screw fixing elastic steel sheet.
- Identical clockwise and anticlockwise rotational characteristics.
- The stainless steel disk allows eccentricity, and angular misalignment, and end-play. (DBJ01 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 the allowable values will be reduced.



Single Disc
DBJ01



Double Disc
DBJ11



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				
	Double Disc DBJ11	34	d	6	8	9	10	11	12	14	
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
	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		1000		1.11×10 ⁻⁶	12
	28	21	9	9.5	4	M3	1.5	1.6	3.2	1.2	1.2	±0.20	1300		4.68×10 ⁻⁶	30
	34	23.3	9.8	12	5	M3	1.5	4	8				2800		1.10×10 ⁻⁵	45
	46	29.8	12.6	16.5	6	M4	3.5	10	20	1.5	1.5	±0.30	6200		4.70×10 ⁻⁵	105
	55	37.2	16	20.5	7	M5	6	25	50				12000		1.19×10 ⁻⁴	180
DBJ11	21	24.5	7	7	3.5	M2.5	1.2	1.2	2.4	1.0	0.10		1500	10000	7.90×10 ⁻⁷	17
	28	32	9	9.5	4	M3	1.5	1.6	3.2	1.2	0.15	±0.10	1800		3.24×10 ⁻⁶	42
	34	35	9.8	12	5	M3	1.5	4	8		0.20		3600		7.60×10 ⁻⁶	65
	46	44	12.6	16.5	6	M4	3.5	10	20	1.5		±0.15	10000		3.23×10 ⁻⁵	151
	55	55	16	20.5	7	M5	6	25	50		0.25		20000		8.19×10 ⁻⁵	260

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	
Optional Processing	Spec.	Ordering Code dh3.1 eh4.5				D		D	
		① 0.1 mm Inc. ② dh≤eh ③ In selection, d(e) must be changed to dh(eh).				21 4~9 28 5~10 34 6~14 46 8~19 55 12~25		① Cannot be combined with shaft bore change (dh,eh) alterations. ② Cannot be combined with shaft bore change (dh,eh) alterations.	

① Keyway machining can be selected only when the hole diameter is ≥ 6.
② See "product introduction" for machining dimension of keyway.

Part Number		d-e		Optional Processing Code	
Code	D	d	e		
DBJ01	21	d	e	DC	DD
DBJ11	21	d	e		
DBJ01—D21—d4—e8					
DBJ01—D21—d4—e8—DD					
DBJ01—D21—d4—eh8.3					

Discount price

Per 1~4 5~

Price 100% Additional quotation

Delivery

14

Code	Type	Material		Surface Treatment	Accessories
		Main Body	Disc	Main Body	
DBM01	Clamping	Single Disc	Aluminum	Stainless	Hex Socket Head Cap Screw
DBM21		Double Disc	Alloy	Steel	

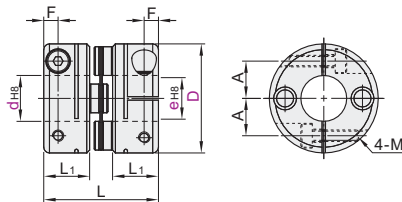
Features:

- 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.

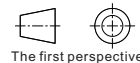
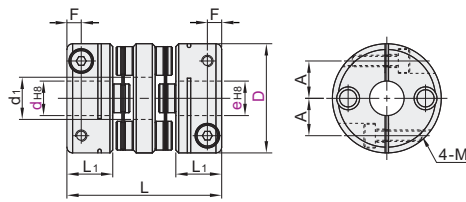


Inventory Self-made

Single Disc
DBM01



Double Disc
DBM21



The first perspective

Part Number		d-e															
Code	D																
Single Disc DBM01	19	d	4	4.5	5	6	6.35	7	8								
		e	4.5 5 6 6.35 7 8	4.5 5 6 6.35 7 8	5 6 6.35 7 8	6 6.35 7 8	6.35 7 8	7 8	8								
	25	d	6	6.35	7	8	9.53	10	11								
		e	6 6.35 7 8 9.53 10 11	6.35 7 8 9.53 10 11	7 8 9.53 10 11	8 9.53 10 11	9.53 10 11	10 11	11								
Double Disc DBM21	32	d	8	9.53	10	11	12	14	15								
		e	8 9.53 10 11 12 14 15	9.53 10 11 12 14 15	10 11 12 14 15	11 12 14 15	12 14 15	14 15	15								
	40	d	9.53	10	11	12	14	15	16	17	18	19	20				
		e	9.53 10 11 12 14 15 16 17 18 19 20	10 11 12 14 15 16 17 18 19 20	11 12 14 15 16 17 18 19 20	12 14 15 16 17 18 19 20	14 15 16 17 18 19 20	15 16 17 18 19 20	16 17 18 19 20	17 18 19 20	18 19 20	19 20	20				
	50	d	11	12	14	15	16	17	18	19	20	22	24	25			
		e	11 12 14 15 16 17 18 19 20 22 24 25	12 14 15 16 17 18 19 20 22 24 25	14 15 16 17 18 19 20 22 24 25	15 16 17 18 19 20 22 24 25	16 17 18 19 20 22 24 25	17 18 19 20 22 24 25	18 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	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 (r/min)	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		0.12		200	33000	8.7×10 ⁻⁷	18
	25	32	10	9	3.5	12.5	M2.5	1	1	2				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

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



Please order as shown

Part Number		d-e
Code	D	
DBM01	19	d
DBM21	19	e

DBM01—D19—d4—e8

Optional Processing

Part Number		d-e	Optional Processing Code
Code	D		
DBM01	19	d	DC
DBM21	19	e	DD

DBM01—D19—d4—e8—DD

Part Number		d-e	Optional Processing Code
Code	D		
DBM01	19	d	dh
DBM21	19	e	eh

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≤eh		
		③ In selection, d(e) must be changed to dh(eh).		
		D dh-e		
		19 4-8		
		25 6-11		
		32 8-15		
		40 8-20		
		50 12-25		

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

② See "product introduction" for machining dimension of keyway.



Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery

14

Set Screw ▶

High Torque(Aluminum Alloy)

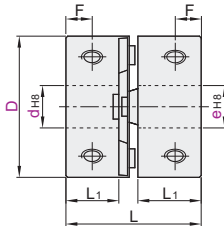
Disc Couplings

Code	Type		Material		Surface Treatment	Accessories
			Main Body	Disc	Main Body	
DBA01	Set Screw	Single Disc	Aluminium Alloy	Stainless Steel	Pearl Nickel	Hex Socket Set Screw
DBA11		Double Disc				

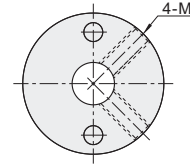
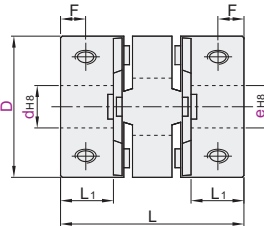
Features: Transfer torque, torque rigidity and balance performance is very good.



Single Disc
DBA01



Double Disc
DBA11



When eccentricity, deflection angle and axial displacement are occurred simultaneously, the allowable maximum value of each will be reduced by 1/2.

Part Number		d-e											
Code	D												
Single Disc DBA01	16	d	4	5	6	6.35	7	8					
		e	4 5 6 6.35 7 8	5 6 6.35 7 8	6 6.35 7 8	6.35 7 8	7 8	8					
	20	d	4	5	6	6.35	7	8	10				
		e	4 5 6 6.35 7 8 10	5 6 6.35 7 8 10	6 6.35 7 8 10	6.35 7 8 10	7 8 10	8 10	10				
	25	d	5	6	6.35	7	8	9.53	10	11	12		
		e	5 6 6.35 7 8 9.53 10 11 12	6 6.35 7 8 9.53 10 11 12	6.35 7 8 9.53 10 11 12	7 8 9.53 10 11 12	8 9.53 10 11 12	9.53 10 11 12	10 11 12	11 12	12		
Double Disc DBA11	32	d	6	6.35	7	8	9.53	10	11	12	14	15	16
		e	6 6.35 7 8 9.53 10 11 12 14 15 16	6.35 7 8 9.53 10 11 12 14 15 16	7 8 9.53 10 11 12 14 15 16	8 9.53 10 11 12 14 15 16	9.53 10 11 12 14 15 16	10 11 12 14 15 16	11 12 14 15 16	12 14 15 16	14 15 16	15 16	16
	40	d	8	9.53	10	11	12	14	15	16	18	20	
		e	8 9.53 10 11 12 14 15 16 18 20	9.53 10 11 12 14 15 16 18 20	10 11 12 14 15 16 18 20	11 12 14 15 16 18 20	12 14 15 16 18 20	14 15 16 18 20	15 16 18 20	16 18 20	18 20	20	
	50	d	14	15	16	18	20	22	24	25			
		e	14 15 16 18 20 22 24 25	15 16 18 20 22 24 25	16 18 20 22 24 25	18 20 22 24 25	20 22 24 25	22 24 25	24 25	25			

Part Number	Code	L		L1	F		M	Tightening Torque (N·m)	Rated Torque (N·m)	Allowable Mounting Deviation			Static Torsional Rigidity (N·m/rad)		Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)		Weight (g)	
		DBA01	DBA11		DBA01	DBA11				Angular(°)	Radial(mm)	Axial(mm)	DBA01	DBA11		DBA01	DBA11	DBA01	DBA11
Single Disc DBA01	16	17.7	23.8	7	3	3	M3	0.6	0.6				160	130	23000	2.0×10 ⁻²	2.4×10 ⁻²	7	9
	20	18.4	26	7.5	4	3.7		1	1				290	220	22000	6.0×10 ⁻²	7.2×10 ⁻²	11	14
	25	21.6	30.2	9	4	4		2.2	2.2				550	440	19000	1.8×10 ⁻¹	2.2×10 ⁻¹	22	27
Double Disc DBA11	32	29	41	12.4	6	6	M4	1.7	3.8	1	2.5		1200	960	15000	5.2×10 ⁻¹	6.0×10 ⁻¹	50	60
	40	35	47	15.5	7.8	7.8	M5	4	6.8				2200	1900	10000	1.3×10 ⁻¹	1.7×10 ⁻¹	85	104
	50	40.5	57	18	9	9	M6	7	11				2600	2250	8000	3.6×10 ⁻¹	4.6×10 ⁻¹	170	210

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

Optional Processing



Please order as shown

Part Number					
Code	D	d-e			
DBA01	16	d	4		
DBA11		e	4 5 6 6.35	7 8	

DBA01—D16—d4—e7

Part Number		d-e									
Code	D										
DBA01	50	d	14	15	16	18	20	22	24	25	
DBA11	50	e	14 15 16 18 20 22 24 25								

DBA01—D50—d14—e24—DC—DD



Optional Processing

Alterations	Keyway Machining(d Side)		Keyway Machining(e Side)	
	Code	DC	Code	DD
Spec.				
	Ordering Code	DC	Ordering Code	DD

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

See "product introduction" for machining dimension of keyway.



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



Delivery	
	14

Disc Couplings

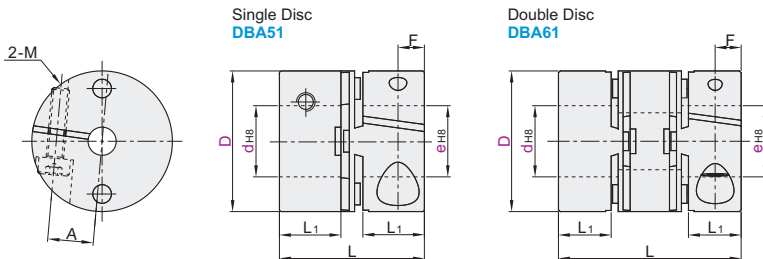
Clamping High Torque(Aluminum Alloy)

Code	Type	Material	Surface Treatment		Accessories
			Main Body	Disc	
DBA51	Clamping	Single Disc	Aluminum Alloy	Stainless Steel	Pearl Nickel
DBA61	Double Disc	Double Disc	Aluminum Alloy	Stainless Steel	Pearl Nickel

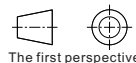
Features: Transfer torque, torque rigidity and balance performance is very good.



Inventory Self-made



When eccentricity, deflection angle and axial displacement are occurred simultaneously, the allowable maximum value of each will be reduced by 1/2.



Part Number		d-e									
Code	D										
16		d	4	5	6						
		e	4 5 6	5 6	6						
20		d	4	5	6	6.35	7	8			
		e	4 5 6 6.35 7 8	5 6 6.35 7 8	6 6.35 7 8	6.35 7 8	7 8	8			
25	Single Disc DBA51	d	5	6	6.35	7	8	9.53	10		
		e	5 6 6.35 7 8 9.53 10	6 6.35 7 8 9.53 10	6.35 7 8 9.53 10	7 8 9.53 10	8 9.53 10	9.53 10	10		
32	Double Disc DBA61	d	8	9.53	10	11	12	14			
		e	8 9.53 10 11 12 14	9.53 10 11 12 14	10 11 12 14	11 12 14	12 14	14			
40		d	8	9.53	10	11	12	14	15	16	18
		e	8 9.53 10 11 12 14 15 16 18	9.53 10 11 12 14 15 16 18	10 11 12 14 15 16 18	11 12 14 15 16 18	12 14 15 16 18	14 15 16 18	15 16 18	16 18	18
50		d	14	15	16	18	20	22	24		
		e	14 15 16 18 20 22 24	15 16 18 20 22 24	16 18 20 22 24	18 20 22 24	20 22 24	22 24	24		

Part Number	L		L ₁	A	F	M	Tightening Torque (N·m)	Rated Torque (N·m)	Allowable Mounting Deviation			Static Torsional Rigidity (N·m/rad)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)		Weight (g)	
Code	D	DBA51	DBA61						Angular(°)	Radial(mm)	Axial(mm)			DBA51	DBA61	DBA51	DBA61
Single Disc DBA51	16	17.7	23.8	7	5	3	1	0.6				160	130	2.0×10 ⁻³	2.4×10 ⁻³	7	9
	20	18.4	26	7.5	6.5	3.7	M2.5	0.9				290	220	6.0×10 ⁻³	7.2×10 ⁻³	11	14
	25	21.6	30.2	9	8.5	4	1.7	2.2				550	440	1.8×10 ⁻²	2.2×10 ⁻²	22	27
Double Disc DBA61	32	29	41	12.4	10	6	M3	3.8	1	2.5				5.2×10 ⁻³	6.0×10 ⁻³	50	60
	40	35	47	15.5	13.1	7.8	M4	2.5						1.3×10 ⁻²	1.7×10 ⁻²	85	104
	50	40.5	57	18	16.7	9	M5	7						3.6×10 ⁻²	4.6×10 ⁻²	170	210

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

The coupling locking screw will protrude the position of the edge diameter. please refer to the actual product.

Part Number		L		L ₁	A	F	M	Tightening Torque (N·m)	Rated Torque (N·m)	Allowable Mounting Deviation			Static Torsional Rigidity (N·m/rad)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)		Weight (g)	
Code	D	DBA51	DBA61							Angular(°)	Radial(mm)	Axial(mm)			DBA51	DBA61	DBA51	DBA61
DBA51—D20—d4—e7	20	18.4	26	7.5	6.5	3.7	M2.5	0.9					290	220	6.0×10 ⁻³	7.2×10 ⁻³	11	14
	25	21.6	30.2	9	8.5	4	1.7	2.2					550	440	1.8×10 ⁻²	2.2×10 ⁻²	22	27
DBA51—D50—d14—e24—DC—DD	50	40.5	57	18	16.7	9	M5	7					2600	2250	3.6×10 ⁻²	4.6×10 ⁻²	170	210



Optional Processing

Alterations	Keyway Machining(d Side)		Keyway Machining(e Side)	
	Code	DC	Code	DD
Spec.				
		Ordering Code DC		Ordering Code DD

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

See "product introduction" for machining dimension of keyway.



Please order as shown



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



Delivery
14

Disc Couplings with Stepped

Clamping (Aluminum Alloy)

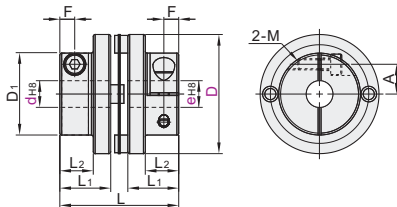
Code	Type	Material		Surface Treatment	Accessories
		Main Body	Disc	Main Body	
DBN01	Clamping	Aluminium Alloy	Stainless Steel	Pearl Nickel	Hex Socket Head Cap Screw
DBN21					

Features

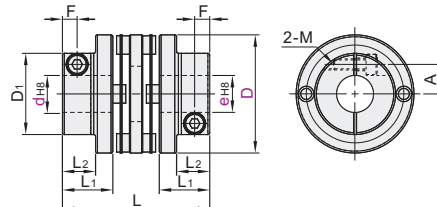
- With big antitorque load ,high torque rigidity and sensitivity.
- Zero turning clearance.
- Identical clockwise and anticlockwise rotational characteristics.
- The stainless steel disk allows eccentricity, and angular misalignment, and end-play.
(the axial deviation caused by eccentricity is not allowed for DBN01).
- The lateral, angular, and axial misalignment values shown are for each occurring individually. When more than one misalignments are occurring 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	d-e									
Code	D									
32	Single Disc DBN01	d	6	7	8	10				
		e	6.7	8.10	8.10	10				
40	Single Disc DBN01	d	7	8	10	11	12	14		
		e	7.8	10.11	12.14	8.10	11.12	14	10.11	12.14
50	Double Disc DBN21	d	14	15	16	18	19	20		
		e	14.15	16.18	19.20	15.16	18.19	20	16.18	19.20
63	Double Disc DBN21	d	15	16	18	19	20	25		
		e	15.16	18.19	20.25	16.18	19.20	25	18.19	20.25



Optional Processing

Alterations	Change Shaft Bore Dia.(d/e)	
Code	dh()	eh()
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).	
Spec.	D	dh-eh
	32	6~10
	40	7~14
	50	14~20
Spec.	63	15~25

Part Number		D ₁	L	L ₁	L ₂	A	F	M	Tightening Torque (N·m)	Rated Torque (N·m)	Allowable Mounting Deviation			Static Torsional Rigidity (N·m/rad)	Max. Rotational Speed(r/min)	Moment of Inertia (kg·m ²)	Weight (g)
Code	D										Angular(°)	Radial(mm)	Axial(mm)				
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				1500	15000	1.6×10 ⁻⁵	81
	50	39	58	19.4	15	14.8	7	M5	7	7.5				2000	12000	4.6×10 ⁻⁵	150
	63	45	64	22.3	18	17	8	M6	12	10				2500	10000	1.1×10 ⁻⁴	230

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

Optional Processing



Part Number	d-e
Code	D
DBN01	32
DBN21	40
DBN01—D32—d6—e8	

Part Number	d-e
Code	D
DBN01	32
DBN21	40
DBN01—D32—dh6.1—eh9.8	



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



Delivery
14

Disc Couplings with Stepped

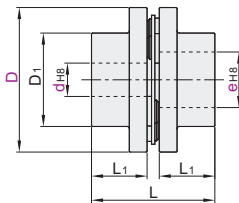
◀ Set Screw , Both Sides Keyway
High Rigidity(Carbon Steel)

Code	Type		Material		Surface Treatment	Accessories
			Main Body	Disc	Main Body	
DBN41	Set Screw,	Single Disc	S45C	Stainless Steel	Black Oxide	Hex Socket Set Screw
DBN46	Both Sides Keyway	Double Disc				

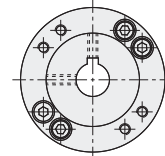
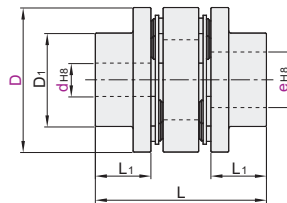


Inventory Self-made

Single Disc
DBN41



Double Disc
DBN46



Refer to coupling "product introduction" for machining dimension of keyway.

Part Number		d-e											
Code	D												
Single Disc DBN41	65	d	15	16	17	18	19	20	22	24	25	30	
		e	15 16 17 18 19 20 22 24 25 30	16 17 18 19 20 22 24 25 30	17 18 19 20 22 24 25 30	18 19 20 22 24 25 30	19 20 22 24 25 30	20 22 24 25 30	22 24 25 30	24 25 30	25 30	30	
Double Disc DBN46	87	d	20	22	24	25	30	35					
		e	20 22 24 25 30 35	22 24 25 30 35	24 25 30 35	25 30 35	30 35	35					

Part Number		D1	L		L1	Rated Torque (N·m)	Allowable Mounting Deviation					Static Torsional Rigidity(N·m/rad)		Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)		Weight (g)			
Code	D		DBN41	DBN46			Angular(°)		Radial(mm)		Axial(mm)	DBN41	DBN46		DBN41	DBN46	DBN41	DBN46	DBN41	DBN46
							DBN41	DBN46	DBN41	DBN46	DBN41									
DBN41	65	42	55.5	77	25	60							120000	58000	8000	2.87×10 ⁻⁴	4.87×10 ⁻⁴	595	884	
DBN46	87	56	67	94	30	180	0.6	0.6	—	0.2	±0.3	±0.6	330000	140000	6000	1.11×10 ⁻³	1.94×10 ⁻³	1300	1900	

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



Part Number					
Code	D	d-e			
DBN41	65	d	15		
DBN46		e	15	16	17 18 19 20 22 24

DBN41—D65—d15—e16

DBN41—D65—d15—e16



Discount price	
Per	1~4
Price	100%
	Additional quotation



Delivery	
	14

DBN41/61 Tightening Torque for Screws

D	d/e	Set Screw	
		M	Tightening Torque (N·m)
65	15~17		1.7
	18~22	M5	4
	24~25		7
87	20~22		4
	24~30	M6	7
	35		15

Economy Type Jaw Couplings

Set Screw
Clamping
Aluminum Alloy

Code	Type	Material		Surface Treatment	Accessories
		Main Body	Spacer		
DEP01	Set Screw	Aluminum	Polyurethane	Pearl	Hex Socket Set Screw
DEP11	Clamping	Alloy	Polyurethane	Nickel	Hex Socket Head Cap Screw

Features

- The buffer parts are made of polyurethane elastomer, and the torque is more than 2 times of the traditional claw coupling
- Pre compression design is adopted for buffer parts, which can be used without gap
- Polyurethane elastomer has good absorption for vibration and impact
- Identical clockwise and anticlockwise rotational characteristics.
- Polyurethane elastomer is resistant to oil and electrical insulation.

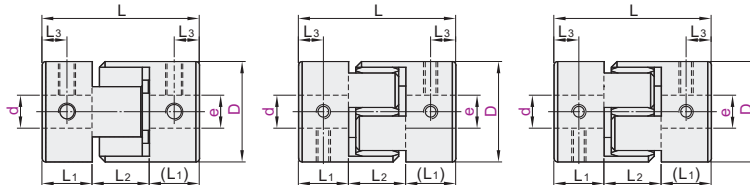


Inventory Self-made

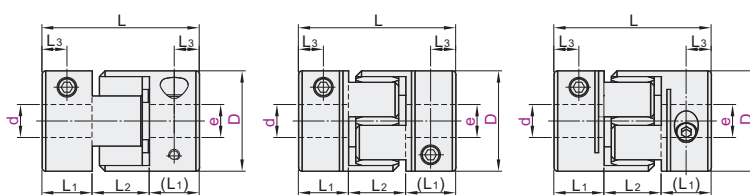
The polyurethane interval ring is a solid red sleeve (As shown on the right).



Set Screw DEP01



Clamping DEP11



When eccentricity, deflection angle and axial displacement are occurred simultaneously, The allowable value will be reduced.

The first perspective

Part Number		d-e															
Code	D																
14	d	3				4				5				6			
	e	3	4	5	6	6.35	7	4	5	6	6.35	7	5	6	6.35	7	7
20	d	4				5				6				6.35			
	e	4	5	6	6.35	7	8	5	6	6.35	7	8	6	6.35	7	8	10
25	d	5				6				6.35				7			
	e	5	6	6.35	7	8	9	6	6.35	7	8	9	6.35	7	8	9	10
30	d	5				6				6.35				7			
	e	5	6	6.35	7	8	9	6	6.35	7	8	9	6.35	7	8	9	10
35	d	8				9				9.525				10			
	e	8	9	9.525	10	11	12	9	9.525	10	11	12	9.525	10	11	12	13
40	d	8				9				9.525				10			
	e	8	9	9.525	10	11	12	9	9.525	10	11	12	9.525	10	11	12	13
40L	d	8				9				9.525				10			
	e	8	9	9.525	10	11	12	9	9.525	10	11	12	9.525	10	11	12	13
55	d	12				12.7				13				14			
	e	12	12.7	13	14	15	16	12	12.7	13	14	15	16	12	12.7	13	14
65	d	14				15				16				17			
	e	14	15	16	17	18	19	14	15	16	17	18	19	14	15	16	17
80	d	19				20				22				24			
	e	19	20	22	24	25	28	19	20	22	24	25	28	19	20	22	24
14	d	3				4				5				6			
	e	3	4	5	6	6.35	7	4	5	6	6.35	7	5	6	6.35	7	7

Economy Type Jaw Couplings

Set Screw
Clamping
Aluminum Alloy

Part Number		d-e															
Code	D																
Clamping DEP11	20	d	4	5	6	6.35	7	8	9	9.525	10						
		e	4 5 6 6.35 7 8 9 9.525 10	5 6 6.35 7 8 9 9.525 10	6 6.35 7 8 9 9.525 10	6.35 7 8 9 9.525 10	7 8 9 9.525 10	8 9 9.525 10	9 9.525 10	9.525 10	10						
	25	d	5	6	6.35	7	8	9	9.525	10	11	12					
		e	5 6 6.35 7 8 9 9.525 10 11 12	6 6.35 7 8 9 9.525 10 11 12	6.35 7 8 9 9.525 10 11 12	7 8 9 9.525 10 11 12	8 9 9.525 10 11 12	9 9.525 10 11 12	9.525 10 11 12	10 11 12	11 12	12					
	30	d	5	6	6.35	7	8	9	9.525	10	11	12	12.7	13	14	15	
		e	5 6 6.35 7 8 9 9.525 10 11 12 12.7 13 14 15	6 6.35 7 8 9 9.525 10 11 12 12.7 13 14 15	6.35 7 8 9 9.525 10 11 12 12.7 13 14 15	7 8 9 9.525 10 11 12 12.7 13 14 15	8 9 9.525 10 11 12 12.7 13 14 15	9 9.525 10 11 12 12.7 13 14 15	9.525 10 11 12 12.7 13 14 15	10 11 12 12.7 13 14 15	11 12 12.7 13 14 15	12 12.7 13 14 15	12.7 13 14 15	13 14 15	14 15	15	
	35	d	8	9	9.525	10	11	12	12.7	13	14	15	16	17			
		e	8 9 9.525 10 11 12 12.7 13 14 15 16 17	9 9.525 10 11 12 12.7 13 14 15 16 17	9.525 10 11 12 12.7 13 14 15 16 17	10 11 12 12.7 13 14 15 16 17	11 12 12.7 13 14 15 16 17	12 12.7 13 14 15 16 17	12.7 13 14 15 16 17	13 14 15 16 17	14 15 16 17 18	15 16 17 18	16 17 18 19	17 18 19	18 19 20	19 20 21	20 21 22
	40	d	8	9	9.525	10	11	12	12.7	13	14	15	16	17	18	19	20
		e	8 9 9.525 10 11 12 13 14 15 16 17 18 19 20 21 22	9 9.525 10 11 12 13 14 15 16 17 18 19 20 21 22	9.525 10 11 12 13 14 15 16 17 18 19 20 21 22	10 11 12 12.7 13 14 15 16 17 18 19 20 21 22	11 12 12.7 13 14 15 16 17 18 19 20 21 22	12 12.7 13 14 15 16 17 18 19 20 21 22	12.7 13 14 15 16 17 18 19 20 21 22	13 14 15 16 17 18 19 20 21 22	14 15 16 17 18 19 20 21 22	15 16 17 18 19 20 21 22	16 17 18 19 20 21 22	17 18 19 20 21 22	18 19 20 21 22	19 20 21 22	20 21 22
	40L	d	8	9	9.525	10	11	12	12.7	13	14	15	16	17	18	19	20
		e	8 9 9.525 10 11 12 13 14 15 16 17 18 19 20 21 22	9 9.525 10 11 12 13 14 15 16 17 18 19 20 21 22	9.525 10 11 12 13 14 15 16 17 18 19 20 21 22	10 11 12 12.7 13 14 15 16 17 18 19 20 21 22	11 12 12.7 13 14 15 16 17 18 19 20 21 22	12 12.7 13 14 15 16 17 18 19 20 21 22	12.7 13 14 15 16 17 18 19 20 21 22	13 14 15 16 17 18 19 20 21 22	14 15 16 17 18 19 20 21 22	15 16 17 18 19 20 21 22	16 17 18 19 20 21 22	17 18 19 20 21 22	18 19 20 21 22	19 20 21 22	20 21 22
	55	d	12	12.7	13	14	15	16	17	18	19	20	22	24	25	28	30
		e	12 12.7 13 14 15 16 17 18 19 20 22 24 25 28 30	12.7 13 14 15 16 17 18 19 20 22 24 25 28 30	13 14 15 16 17 18 19 20 22 24 25 28 30	14 15 16 17 18 19 20 22 24 25 28 30	15 16 17 18 19 20 22 24 25 28 30	16 17 18 19 20 22 24 25 28 30	17 18 19 20 22 24 25 28 30	18 19 20 22 24 25 28 30	19 20 22 24 25 28 30	20 22 24 25 28 30	22 24 25 28 30	24 25 28 30	25 28 30	28 30	30
	65	d	14	15	16	17	18	19	20	22	24	25	28	30	32	35	36
		e	14 15 16 17 18 19 20 22 24 25 28 30 32 35 36 38	15 16 17 18 19 20 22 24 25 28 30 32 35 36 38	16 17 18 19 20 22 24 25 28 30 32 35 36 38	17 18 19 20 22 24 25 28 30 32 35 36 38	18 19 20 22 24 25 28 30 32 35 36 38	19 20 22 24 25 28 30 32 35 36 38	20 22 24 25 28 30 32 35 36 38	22 24 25 28 30 32 35 36 38	24 25 28 30 32 35 36 38	25 28 30 32 35 36 38	28 30 32 35 36 38	30 32 35 36 38	32 35 36 38	35 36 38	36 38
	80	d	19	20	22	24	25	28	30	32	35	36	38	40	42	45	
		e	19 20 22 24 25 28 30 32 35 36 38 40 42 45	20 22 24 25 28 30 32 35 36 38 40 42 45	22 24 25 28 30 32 35 36 38 40 42 45	24 25 28 30 32 35 36 38 40 42 45	25 28 30 32 35 36 38 40 42 45	28 30 32 35 36 38 40 42 45	30 32 35 36 38 40 42 45	32 35 36 38 40 42 45	35 36 38 40 42 45	36 38 40 42 45	38 40 42 45	40 42 45	42 45	45	

Part Number		L	L ₁	L ₂	L ₃	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Max.Rotational Speed(r/min)	Moment of Inertia (Kg·m ²)	Static Torsional Rigidity(N·m/rad)	Allowable Mounting Deviation			Weight (g)
Code	D												Radial(mm)	Angular(°)	Axial(mm)	
Set Screw DEP01	14	22	6.5	9.0	3.8	M4	0.7	2	4	10000	1.98×10 ⁻⁷	20	0.1	1.0	±0.6	6
	20	30	10.3	9.0	5.2	M4	1.7	4.8	9.6		1.09×10 ⁻⁶	42			±0.8	18
	25	34	11.5	11	5.8			4.26×10 ⁻⁶	95		±0.9	32				
	30	35	11.7	11.6	5.9			12	24		6.19×10 ⁻⁶	132			±1.0	47
	35	50	18	14	9	M5	4.0	15	30	2.56×10 ⁻⁵	950	±1.1			90	
	40	55	20.0	15.0	10.0			16.5	33	3.34×10 ⁻⁵	1250	±1.2			123	
	40L	66	25.5	15.0	12.8			4.01×10 ⁻⁵	1500	±1.2	150					
	55	78	30.5	17.0	15.3	M6	7.0	45	90	7000	1.63×10 ⁻⁴	1940			±1.4	346
	65	90	36.0	18.0	18.0	M8	15.0	100	200	6000	3.69×10 ⁻⁴	3010			±1.5	510
	80	114	46.0	22.0	23.0			250	500	5000	1.04×10 ⁻³	5820			±1.8	1010
Clamping DEP11	14	22	6.5	9.0	3.8	M2	1.0	2	4	10000	1.98×10 ⁻⁷	20	0.1	1.0	±0.6	6
	20	30	10.3	9.0	5.2	M3	1.5	4.8	9.6		1.09×10 ⁻⁶	42			±0.8	18
	25	34	11.5	11	5.8			9.5	19		4.26×10 ⁻⁶	95			±0.9	32
	30	35	11.7	11.6	5.9			M4	3.4		12	24			6.19×10 ⁻⁶	132
	35	50	18	14	6.5	M5	7.0	15	30	2.56×10 ⁻⁵	950	±1.1			90	
	40	55	20.0	15.0	6.7			16.5	33	3.34×10 ⁻⁵	1250	±1.2			123	
	40L	66	25.5	15.0	8.7			4.01×10 ⁻⁵	1500	±1.2	152					
	55	78	30.5	17.0	11.0	M6	14.0	45	90	7000	1.63×10 ⁻⁴	1940			±1.4	346
	65	90	36.0	18.0	12.3	M8	30.0	100	200	6000	3.69×10 ⁻⁴	3010			±1.5	532
	80	114	46.0	22.0	11.5			250	500	5000	1.04×10 ⁻³	5820			±1.8	1000

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																			
Optional Processing	Spec.		[Ordering Code] dh3.1 eh4.5																						
			① 0.1 mm Inc.		[Ordering Code] DC		[Ordering Code] DD																		
			② dh<eh		① Cannot be combined with shaft bore change (dh,eh) alterations.		① Cannot be combined with shaft bore change (dh,eh) alterations.																		
			③ In selection, d(e) must be changed to dh(eh).																						
			<table><tr><td>D</td><td>dh-eh</td></tr><tr><td>14</td><td>3~7</td></tr><tr><td>20</td><td>4~10</td></tr><tr><td>30</td><td>5~15</td></tr><tr><td>40</td><td>8~22</td></tr><tr><td>40L</td><td></td></tr><tr><td>55</td><td>12~30</td></tr><tr><td>65</td><td>14~38</td></tr><tr><td>80</td><td>19~45</td></tr></table>	D	dh-eh	14	3~7	20	4~10	30	5~15	40	8~22	40L		55	12~30	65	14~38	80	19~45				
D	dh-eh																								
14	3~7																								
20	4~10																								
30	5~15																								
40	8~22																								
40L																									
55	12~30																								
65	14~38																								
80	19~45																								

① Keyway machining can be selected only when the hole diameter is ≥ 6.
② See "product introduction" for machining dimension of keyway.

Optional Processing

Part Number		d-e															
Code	D																
DEP01	20	d	4	5	6	6.35	7	8	9	9.525	10						
		e	4 5 6 6.35 7 8 9 9.525 10	5 6 6.35 7 8 9 9.525 10	6 6.35 7 8 9 9.525 10	6.35 7 8 9 9.525 10	7 8 9 9.525 10	8 9 9.525 10	9 9.525 10	9.525 10	10						

DEP01—D20—d4—e7

DEP01—D20—dh4.1—eh6.5

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

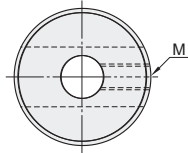
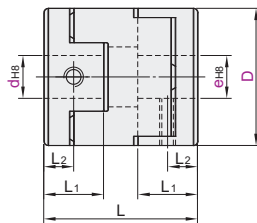
Delivery
12

Code	Type	Material		Surface Treatment	Accessories
		Main Body	Spacer		
DER01	Set Screw	Aluminum	POM	Pearl Nickel	Hex Socket Set Screw
DER11	Clamping	Aluminum Alloy	POM	Pearl Nickel	Hex Socket Head Cap Screw

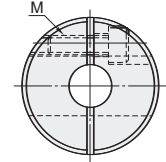
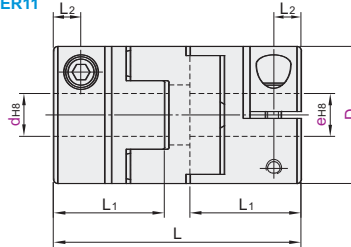
Features

- The spacer ring has oil resistance and electrical insulation.
- Large radial and angular deviation is allowed.
- Simple structure and convenient assembly.

Set Screw DER01

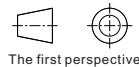


Clamping DER11



① Due to the manufacturing process, there may be traces on the surface.

② When eccentricity, deflection angle and axial displacement are occurred simultaneously, The allowable value will be reduced.



Part Number		d-e																																		
Code	D																																			
Set Screw DER01	16	d	3			4			5			6			6.35		7		8																	
		e	3 4 5 6 6.35 7 8			4 5 6 6.35 7 8			5 6 6.35 7 8			6 6.35 7 8			6.35 7 8		7 8		8																	
	20	d	4			5			6			6.35			7		8		9		9.525		10													
		e	4 5 6 6.35 7 8 9 9.525 10			5 6 6.35 7 8 9 9.525 10			6 6.35 7 8 9 9.525 10			6.35 7 8 9 9.525 10			7 8 9 9.525 10		8 9 9.525 10		9 9.525 10		9.525 10		10													
	25	d	5			6			6.35			7			8			9		9.525		10		11		12										
		e	5 6 6.35 7 8 9 9.525 10 11 12			6 6.35 7 8 9 9.525 10 11 12			6.35 7 8 9 9.525 10 11 12			7 8 9 9.525 10 11 12			8 9 9.525 10 11 12		9 9.525 10 11 12		9.525 10 11 12		10 11 12		11 12		12											
	32	d	6			6.35			7			8			9			9.525		10		11		12		12.7		13		14		15		16		
		e	6 6.35 7 8 9 9.525 10 11 12 12.7 13 14 15 16			6.35 7 8 9 9.525 10 11 12 12.7 13 14 15 16			7 8 9 9.525 10 11 12 12.7 13 14 15 16			8 9 9.525 10 11 12 12.7 13 14 15 16			9 9.525 10 11 12 12.7 13 14 15 16			9.525 10 11 12 12.7 13 14 15 16		10 11 12 12.7 13 14 15 16		11 12 12.7 13 14 15 16 17 18		12 12.7 13 14 15 16 17 18		12.7 13 14 15 16 17 18		13 14 15 16 17 18 19		14 15 16 17 18 19		15 16 17 18 19 20				
	40	d	8			9			9.525			10			11			12			12.7		13		14		15		16		17		18		19	
		e	8 9 9.525 10 11 12 12.7 13 14 15 16 17 18 19			9 9.525 10 11 12 12.7 13 14 15 16 17 18 19			9.525 10 11 12 12.7 13 14 15 16 17 18 19			10 11 12 12.7 13 14 15 16 17 18 19			11 12 12.7 13 14 15 16 17 18 19			12 12.7 13 14 15 16 17 18 19			12.7 13 14 15 16 17 18 19		13 14 15 16 17 18 19		14 15 16 17 18 19		15 16 17 18 19 20		16 17 18 19 20 21		17 18 19 20 21 22		18 19 20 21 22 23			
	50	d	10			11			12			12.7			13			14			15		16		17		18		19		20					
		e	10 11 12 12.7 13 14 15 16 17 18 19 20			11 12 12.7 13 14 15 16 17 18 19 20			12 12.7 13 14 15 16 17 18 19 20			12.7 13 14 15 16 17 18 19 20			13 14 15 16 17 18 19 20			14 15 16 17 18 19 20			15 16 17 18 19 20		16 17 18 19 20		17 18 19 20 21		18 19 20 21 22		19 20 21 22 23		20 21 22 23 24					
	63	d	12			12.7			13			14			15			16			17		18		19		20		22		24		25			
		e	12 12.7 13 14 15 16 17 18 19 20 22 24 25			12.7 13 14 15 16 17 18 19 20 22 24 25			13 14 15 16 17 18 19 20 22 24 25			14 15 16 17 18 19 20 22 24 25			15 16 17 18 19 20 22 24 25			16 17 18 19 20 22 24 25			17 18 19 20 22 24 25		18 19 20 21 22 24 25		19 20 21 22 24 25		20 22 23 24 25		22 23 24 25		24 25 26					
Clamping DER11	16	d	3			4			5			6																								
		e	3 4 5 6			4 5 6			5 6			6																								
	20	d	4			5			6			6.35			7		8																			
		e	4 5 6 6.35 7 8			5 6 6.35 7 8			6 6.35 7 8			6.35 7 8			7 8		8																			
	25	d	5			6			6.35			7			8			9		9.525		10														
		e	5 6 6.35 7 8 9 9.525 10			6 6.35 7 8 9 9.525 10			6.35 7 8 9 9.525 10			7 8 9 9.525 10			8 9 9.525 10		9 9.525 10		9.525 10		10															
	32	d	6			6.35			7			8			9			9.525		10		11		12		12.7		13		14						
		e	6 6.35 7 8 9 9.525 10 11 12 12.7 13 14			6.35 7 8 9 9.525 10 11 12 12.7 13 14			7 8 9 9.525 10 11 12 12.7 13 14			8 9 9.525 10 11 12 12.7 13 14			9 9.525 10 11 12 12.7 13 14			9.525 10 11 12 12.7 13 14		10 11 12 12.7 13 14		11 12 12.7 13 14		12 12.7 13 14		12.7 13 14		13 14								
	40	d	8			9			9.525			10			11			12			12.7		13		14		15		16							
		e	8 9 9.525 10 11 12 12.7 13 14 15 16			9 9.525 10 11 12 12.7 13 14 15 16			9.525 10 11 12 12.7 13 14 15 16			10 11 12 12.7 13 14 15 16			11 12 12.7 13 14 15 16			12 12.7 13 14 15 16			12.7 13 14 15 16		13 14 15 16		14 15 16		15 16 17		16 17 18							
	50	d	10			11			12			12.7			13			14			15		16		17		18		19		20					
		e	10 11 12 12.7 13 14 15 16 17 18 19 20			11 12 12.7 13 14 15 16 17 18 19 20			12 12.7 13 14 15 16 17 18 19 20			12.7 13 14 15 16 17 18 19 20			13 14 15 16 17 18 19 20			14 15 16 17 18 19 20			15 16 17 18 19 20		16 17 18 19 20		17 18 19 20 21		18 19 20 21 22		19 20 21 22 23		20 21 22 23 24					
	63	d	12			12.7			13			14			15			16			17		18		19		20		22		24		25			
		e	12 12.7 13 14 15 16 17 18 19 20 22 24 25			12.7 13 14 15 16 17 18 19 20 22 24 25			13 14 15 16 17 18 19 20 22 24 25			14 15 16 17 18 19 20 22 24 25			15 16 17 18 19 20 22 24 25			16 17 18 19 20 22 24 25			17 18 19 20 22 24 25		18 19 20 21 22 24 25		19 20 21 22 24 25		20 22 23 24 25		22 23 24 25		24 25 26					

Economy Type Oldham Couplings

- Set Screw
- Clamping
- Aluminum Alloy

Part Number		L	L ₁	L ₂	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Static Torsional Rigidity (N·m/rad)	Allowable Mounting Deviation			Weight (g)
Code	D											Radial (mm)	Angular (°)	Axial (mm)	
Set Screw DER01	16	18	7	3.5	M3	0.7	0.7	1.4	9000	3.0×10^{-7}	29	1.0		0.1	6
	20	23	9	4.5	M4	1.7	1.6	3.2	8000	9.0×10^{-7}	58	1.4			11
	25	28	11	5.5		4.0	3	6	6000	2.8×10^{-6}	125	1.9			22
	32	33	13	6.5	M5	7.0	5.5	11	5000	8.9×10^{-6}	260	2.4		0.2	40
	40	33	14	7.0	M6	10.0	9	18	4000	2.1×10^{-5}	505	2.8			70
	50	38	17	8.5	M8	15.0	19	38	3000	6.0×10^{-5}	780	3.3		0.3	144
	63	47	21	10.5	M10	30.0	33	66	2500	2.1×10^{-4}	1200	3.8			318
Clamping DER11	16	30	13	3.0	M2.5	0.7	0.7	1.4	9000	5.0×10^{-7}	29	1.0	3	0.1	11
	20	33	14			0.7	1.6	3.2	8000	1.4×10^{-6}	58	1.4			19
	25	39	17	3.8	M3	1.5	3	6	6000	4.1×10^{-6}	125	1.9			36
	32	45	19	4.5	M4	3.4	5.5	11	5000	1.2×10^{-5}	260	2.4		0.2	65
	40	50	23	7.0	M5	7.0	9	18	4000	3.8×10^{-5}	505	2.8			128
	50	58	27	8.0	M6	14.0	19	38	3000	1.0×10^{-4}	780	3.3		0.3	206
	63	71	33	10	M8	30.0	33	66	2500	3.5×10^{-4}	1200	3.8			454

① The moment of inertia and weight are measured for the maximum bore diameter.

 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 dh3.1 eh4.5 ① 0.1 mm Inc. ② dh≤eh ③ In selection, d(e) must be changed to dh(eh).	<table><tr><th>D</th><th>dh·eh</th></tr><tr><td>16</td><td>3~8</td></tr><tr><td>20</td><td>4~10</td></tr><tr><td>25</td><td>5~12</td></tr><tr><td>32</td><td>6~16</td></tr><tr><td>40</td><td>8~19</td></tr><tr><td>50</td><td>10~20</td></tr><tr><td>63</td><td>12~25</td></tr></table>	D	dh·eh	16	3~8	20	4~10	25	5~12	32	6~16	40	8~19	50	10~20	63	12~25	 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.
		D	dh·eh																	
16	3~8																			
20	4~10																			
25	5~12																			
32	6~16																			
40	8~19																			
50	10~20																			
63	12~25																			

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

① See "product introduction" for machining dimension of keyway.

Part Number	d-e	Part Number	d-e	Optional Processing
Code	D	Code	D	Code
DER01	20	DER01	20	①②③④⑤⑥⑦⑧⑨
	d e		d e	
	4 5 6 6.35 8 9 9.525 10		4 5 6 6.35 7 8 9 9.525 10	
DER01—D20—d4—e7		DER01—D20—dh4.1—eh6.6		

 Please order as shown
 

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

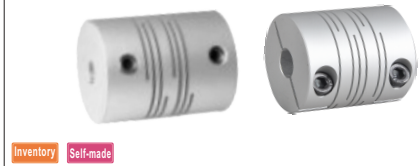
 Delivery

12

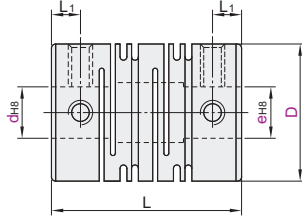
Code	Type	Material	Surface Treatment	Accessories
DEE01	Set Screw	Aluminum Alloy	Pearl Nickel	Hex Socket Set Screw
DEE11	Clamping			Hex Socket Head Cap Screw

Features

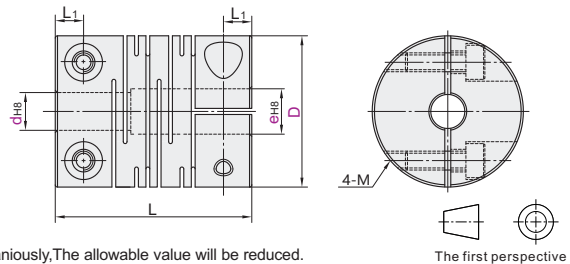
- High strength aluminum alloy is used for integrated processing and forming, parallel cutting, with good flexibility.
- Clockwise and counter clockwise rotation have exactly the same characteristics.
- It can compensate radial, angular and axial deviation.
- Zero turning clearance.



Set Screw
DEE01



Clamping
DEE11



① Due to the manufacturing process, there may be traces on the surface.

② When eccentricity, deflection angle and axial displacement are occurred simultaneously, The allowable value will be reduced.

The first perspective

Part Number		d-e																																				
Code	D																																					
Set Screw DEE01	12	d	3			4			4.5			5			6																							
	e	3 4 4.5 5 6			4 4.5 5 6			4.5 5 6			5 6			6																								
	16	d	3			4			4.5			5			6		6.35		7		8																	
	e	3 4 4.5 5 6 6.35 7 8			4 4.5 5 6 6.35 7 8			4.5 5 6 6.35 7 8			5 6 6.35 7 8			6 6.35 7 8		6.35 7 8		7 8		8																		
	20	d	4				5				6				6.35				7		8		9		9.525		10											
	e	4 5 6 6.35 7 8 9 9.525 10				5 6 6.35 7 8 9 9.525 10				6 6.35 7 8 9 9.525 10				6.35 7 8 9 9.525 10				7 8 9 9.525 10		8 9 9.525 10		9 9.525 10		9.525 10		10												
	25	d	5				6				6.35				7				8		9		9.525		10		11		12									
	e	5 6 6.35 7 8 9 9.525 10 11 12				6 6.35 7 8 9 9.525 10 11 12				6.35 7 8 9 9.525 10 11 12				7 8 9 9.525 10 11 12				8 9 9.525 10 11 12		9 9.525 10 11 12		9.525 10 11 12		10 11 12		11 12 12		12										
	32	d	8				9				9.525				10				11		12		12.7		13		14		15		16							
	e	8 9 9.525 10 11 12 12.7 13 14 15 16				9 9.525 10 11 12 12.7 13 14 15 16				9.525 10 11 12 12.7 13 14 15 16				10 11 12 12.7 13 14 15 16				11 12 12.7 13 14 15 16		12 12.7 13 14 15 16		12.7 13 14 15 16		13 14 15 16		14 15 16		15 16 16		16								
	40	d	8				9.525				10				11				12		12.7		13		14		15		16		17		18					
	e	8 9.525 10 11 12 12.7 13 14 15 16 17 18				9.525 10 11 12 12.7 13 14 15 16 17 18				10 11 12 12.7 13 14 15 16 17 18				11 12 12.7 13 14 15 16 17 18				12 12.7 13 14 15 16 17 18		12.7 13 14 15 16 17 18		13 14 15 16 17 18		14 15 16 17 18		15 16 17 18		16 17 18 17 18		17 18 18								
	50	d	12				12.7				13				14				15		16		17		18		19		20									
	e	12 12.7 13 14 15 16 17 18 19 20				12.7 13 14 15 16 17 18 19 20				13 14 15 16 17 18 19 20				14 15 16 17 18 19 20				15 16 17 18 19 20		16 17 18 19 20		17 18 19 20		18 19 20		19 20		20										
	63	d	14				15				16				17				18		19		20		22		24											
	e	14 15 16 17 18 19 20 22 24				15 16 17 18 19 20 22 24				16 17 18 19 20 22 24				17 18 19 20 22 24				18 19 20 22 24		19 20 22 24		20 22 24		22 24		24												
Clamping DEE11	12	d	3			4			4.5			5																										
	e	3 4 4.5 5			4 4.5 5			4.5 5			5																											
	16	d	3			4			4.5			5			6																							
	e	3 4 4.5 5 6			4 4.5 5 6			4.5 5 6			5 6			6																								
	20	d	4				5				6				6.35				7		8																	
	e	4 5 6 6.35 7 8				5 6 6.35 7 8				6 6.35 7 8				6.35 7 8				7 8		8																		
	25	d	5				6				6.35				7				8		9		9.525		10													
	e	5 6 6.35 7 8 9 9.525 10				6 6.35 7 8 9 9.525 10				6.35 7 8 9 9.525 10				7 8 9 9.525 10				8 9 9.525 10		9 9.525 10		9.525 10		10														
	32	d	8				9				9.525				10				11		12		12.7		13		14											
	e	8 9 9.525 10 11 12 12.7 13 14				9 9.525 10 11 12 12.7 13 14				9.525 10 11 12 12.7 13 14				10 11 12 12.7 13 14				11 12 12.7 13 14		12 12.7 13 14		12.7 13 14		13 14		14												
	40	d	8				10				11				12				12.7		13		14		15		16		17		18							
	e	8 10 11 12 12.7 13 14 15 16 17 18				10 11 12 12.7 13 14 15 16 17 18				11 12 12.7 13 14 15 16 17 18				12 12.7 13 14 15 16 17 18				12.7 13 14 15 16 17 18		13 14 15 16 17 18		14 15 16 17 18		15 16 17 18		16 17 18		17 18 18										
	50	d	12				12.7				13				14				15		16		17		18		19		20									
	e	12 12.7 13 14 15 16 17 18 19 20				12.7 13 14 15 16 17 18 19 20				13 14 15 16 17 18 19 20				14 15 16 17 18 19 20				15 16 17 18 19 20		16 17 18 19 20		17 18 19 20		18 19 20		19 20		20										
	63	d	14				15				16				17				18		19		20		22		24											
	e	14 15 16 17 18 19 20 22 24				15 16 17 18 20 22 24				16 17 18 19 20 22 24				17 18 19 20 22 24				18 19 20 22 24		19 20 22 24		20 22 24		22 24		24												

Economy Type Parallel Couplings

- Set Screw
- Clamping
- Aluminum Alloy

Part Number		L	L ₁	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Static Torsional Rigidity (N·m/rad)	Allowable Mounting Deviation			Weight (g)
Code	D										Radial (mm)	Angular (°)	Axial (mm)	
Set Screw DEE01	12	18.5	2.5	M2.5	0.5	0.4	0.8	52000	8.3×10 ⁻⁸	45	0.10		±0.2	3.7
	16	23	3	M3	0.7	0.5	1	39000	3.3×10 ⁻⁷	80			±0.3	8.1
	20	26				1	2	31000	8.9×10 ⁻⁷	170				14
	25	31	4	M4	1.7	2	4	25000	2.6×10 ⁻⁶	380	0.15	2	±0.4	27
	32	41	6			4	8	19000	9.6×10 ⁻⁶	500				60
	40	56	8.5	M5	4.0	8	16	15000	3.2×10 ⁻⁵	700			±0.5	130
	50	71	10.5	M6	7.0	13	26	12000	9.0×10 ⁻⁵	1800	0.20			266
Clamping DEE11	63	90	13	M8	15.0	22	44	10000	3.0×10 ⁻⁴	3100				500
	12	18.5	2.5	M2	0.5	0.4	0.8	52000	7.8×10 ⁻⁸	45	0.10		±0.2	3.6
	16	23	3.25	M2.5	1.0	0.5	1	39000	3.4×10 ⁻⁷	80			±0.3	9.2
	20	26	3.75			1	2	31000	9.1×10 ⁻⁷	170				16
	25	31	4.25	M3	1.5	2	4	25000	2.6×10 ⁻⁶	380	0.15	2	±0.4	28
	32	41	6.0	M4	2.5	4	8	19000	9.7×10 ⁻⁶	500				64
	40	56	8.5	M5	7.0	8	16	15000	3.3×10 ⁻⁵	700			±0.5	140
	50	71	10.5	M6	12.0	13	26	12000	9.0×10 ⁻⁵	1800	0.20			272
	63	90	13	M8	16.0	22	44	10000	3.1×10 ⁻⁴	3100				530

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



Please order as shown

Part Number		d-e	
Code	D	d	e
DEE01	12	3	4.5

DEE01—D12—d3—e4

Optional Processing

Part Number		d-e		Optional Processing Code
Code	D	d	e	
DEE01	12	3	4.5	dh3.1 eh4.5

DEE01—D12—dh3.1—eh4.5



Optional Processing

Alterations		Change Shaft Bore Dia. (d/e)	
Code		dh ()	eh ()
Spec.	Ordering Code dh3.1 eh4.5 ❑ 0.1 mm Inc. ❑ dh.seh ❑ In selection, d(e) must be changed to dh(eh).	D	dh-eh
		12	3~5
		16	3~6
		20	4~8
		25	5~12
		32	8~16
		40	10~18
		50	12~20
		63	14~24



Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery

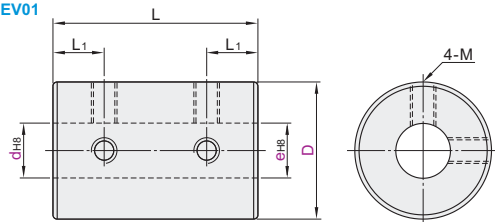
14

Code	Type	Material	Surface Treatment	Accessories
DEV01	Set Screw	Aluminum Alloy	Pearl Nickel	Hex Socket Set Screw
DEV11	Clamping	Aluminum Alloy	Pearl Nickel	Hex Socket Head Cap Screw

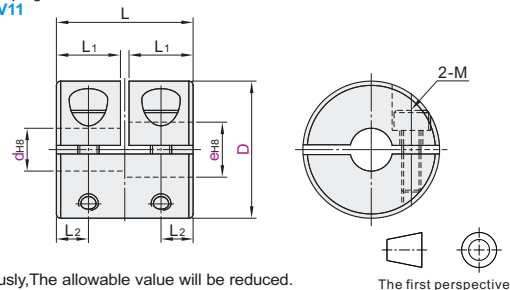
Features

- High rigidity;
- Metal integrated type with zero turning clearance, no power / motion loss.
- No ability to absorb the deviation, be sure to make the two axes aligned.

Set Screw
DEV01



Clamping
DEV11



① Due to the manufacturing process, there may be traces on the surface.

② When eccentricity, deflection angle and axial displacement are occurred simultaneously, The allowable value will be reduced.

Part Number	D	d-e									
Set Screw DEV01	16	d	3	4	5	6					
		e	3 4 5 6	4 5 6	5 6	6					
	20	d	5	6	6.35	7	8	9	9.525	10	
		e	5 6 6.35 7 8 9 9.525 10	6 6.35 7 8 9 9.525 10	6.35 7 8 9 9.525 10	7 8 9 9.525 10	8 9 9.525 10	9 9.525 10	9.525 10	10	
	25	d	8	9	9.525	10	11	12			
Clamping DEV11	16	d	5	6							
		e	5 6	6							
	20	d	6	6.35	7	8					
		e	6 6.35 7 8	6.35 7 8	7 8	8					
	25	d	8	9	9.525	10					
Set Screw DEV01	16	d	3	4	5	6					
		e	3 4 5 6	4 5 6	5 6	6					
	20	d	5	6	6.35	7	8	9	9.525	10	
		e	5 6 6.35 7 8 9 9.525 10	6 6.35 7 8 9 9.525 10	6.35 7 8 9 9.525 10	7 8 9 9.525 10	8 9 9.525 10	9 9.525 10	9.525 10	10	
	25	d	8	9	9.525	10	11	12			
Clamping DEV11	16	d	5	6							
		e	5 6	6							
	20	d	6	6.35	7	8					
		e	6 6.35 7 8	6.35 7 8	7 8	8					
	25	d	8	9	9.525	10					
Set Screw DEV01	16	d	3	4	5	6					
		e	3 4 5 6	4 5 6	5 6	6					
	20	d	5	6	6.35	7	8	9	9.525	10	
		e	5 6 6.35 7 8 9 9.525 10	6 6.35 7 8 9 9.525 10	6.35 7 8 9 9.525 10	7 8 9 9.525 10	8 9 9.525 10	9 9.525 10	9.525 10	10	
	25	d	8	9	9.525	10	11	12			
Clamping DEV11	16	d	5	6							
		e	5 6	6							
	20	d	6	6.35	7	8					
		e	6 6.35 7 8	6.35 7 8	7 8	8					
	25	d	8	9	9.525	10					

Part Number	D	L	L ₁	L ₂	M	Tightening Torque (N·m)	Rated Torque (N·m)	Max. Torque (N·m)	Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)	Weight (g)
Set Screw DEV01	16	24	6		M3	0.7	0.3	0.6	39000	4.4×10 ⁻⁷	11
	20	30	7		M3	0.7	0.5	1.0	31000	1.3×10 ⁻⁶	20
	25	36	9		M4	1.7	1.0	2.0	25000	3.9×10 ⁻⁶	39
	32	41	10		M4	1.7	2.0	4.0	19000	1.2×10 ⁻⁵	71
	40	44	10.5		M5	4.0	4.0	8.0	15000	2.8×10 ⁻⁵	120
Clamping DEV11	16	16	7.5	3.8	M2.5	1.0	0.3	0.6	39000	3.0×10 ⁻⁷	8.3
	20	20	9.5	4.8	M2.5	1.0	0.5	1.0	31000	8.7×10 ⁻⁷	15
	25	25	12.0	6.0	M3	1.5	1.0	2.0	25000	2.7×10 ⁻⁶	29
	32	32	15.5	7.8	M4	2.5	2.0	4.0	19000	7.1×10 ⁻⁶	51
	40	44	21.25	10.5	M5	7.0	4.0	8.0	15000	2.4×10 ⁻⁵	104

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

Optional Processing

Part Number	D	d-e	Optional Processing Code
DEV01	20	d 5 6 6.35 7 8 9 9.525 10	dh() eh()
DEV01	20	d 5 6 6.35 7 8 9 9.525 10	dh() eh()

DEV01-D20-d5-e7 DEV01-D20-d5-e9.2



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



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



Delivery
14

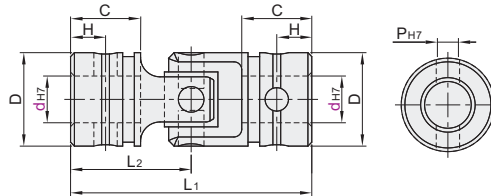
Precision Type Universal Joints

◀ Single Joint

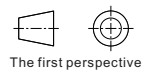
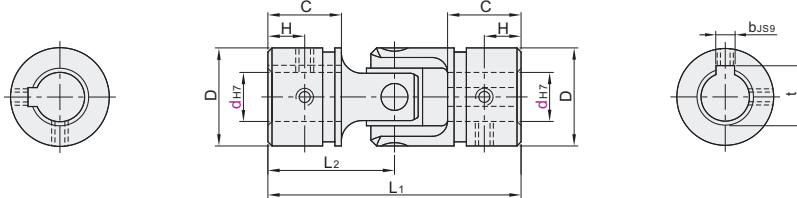
Code	Type		Material	Surface Treatment	Accessories
DDC01	Single Joint	Round Hole	SCR440	Black Oxide	Strong Set Pin 2pcs
DDC06			SUS304	—	Ring Snap Pin 2pcs
DDC11		Keyway Bore	SCR440	Black Oxide	Set Screw 4 pcs
DDC16			SUS304	—	



Single Joint, Round Hole
DDC01/06



Single Joint, Keyway Bore
DDC11/16



Part Number		D	L ₁	L ₂	L ₃	C	H	P	b×t	Nominal Torque (N·m)
Code	d									
Single Joint	6	12	31	15.5		9	4.5	3	—	5.3
	8	16	36	18		9	4.5	3.5	2×9	12
	10	20	42	21		10	5	4.5	3×11.4	26
	12	23	52	26		14	7	5	4×13.8	45
Round Hole	DDC01	14	25	59	29.5	16	8	6	5×16.3	71
	DDC06	16	32	82	41	23	11.5	6	5×18.3	132
	18	36	87	43.5		25	12.5	8	6×20.8	175
Keyway Bore	DDC11	20	42	94	47	25	12.5	8	6×22.8	252
	DDC16	22	45	95	47.5	22	11	10	6×24.8	332
	25	50	108	54		26	13	10	8×28.3	495
	30	58	122	61		29	14.5	12	8×33.3	795



Part Number		D	L ₁	L ₂
Code	d			
DDC01	6	12	31	15.5
DDC06	8	16	36	18
DDC11	10	20	42	21

DDC01 — d6



Discount price	
Per	Price
1~9	100%
10~	Additional quotation



Delivery	
Per	Price
1~9	18
10~	20

SCR440



Delivery	
Per	Price
1~9	18
10~	20

SUS304

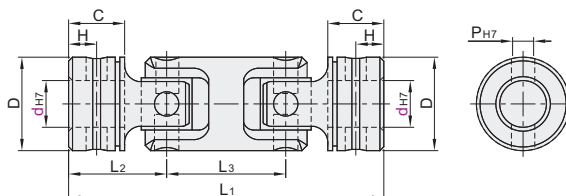
Precision Type Universal Joints

◀ Double Joint

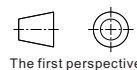
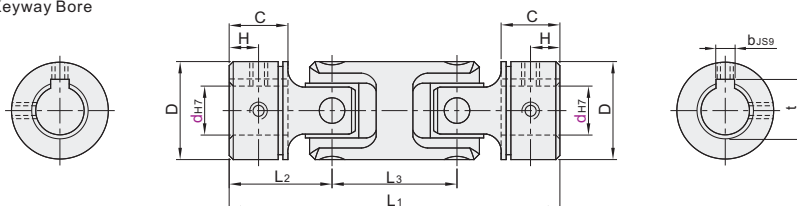
Code	Type		Material	Surface Treatment	Accessories
DDC21	Double Joint	Round Hole	SCR440	Black Oxide	Strong Set Pin 2pcs
DDC26			SUS304	—	Ring Snap Pin 2pcs
DDC31		Keyway Bore	SCR440	Black Oxide	Set Screw 4 pcs
DDC36			SUS304	—	



Double Joint, Round Hole
DDC21/26



Double Joint, Keyway Bore
DDC31/36



- ❗ The maximum rotation angle of each joint is 30°.
- ❗ The rotational speed, torque, and angle of the universal joint have interactive relationship.

Part Number		D	L ₁	L ₂	L ₃	C	H	P	b×t	Nominal Torque (N·m)
Code	d									
Double Joint	8	16	58	18	22	9	4.5	3.5	2×9	9.2
	10	20	68	21	26	10	5	4.5	3×11.4	24
	12	23	83	26	31	14	7	5	4×13.8	33
Round Hole	14	25	94	29.5	35	16	8	6	5×16.3	49
	DDC21	16	32	125	41	23	11.5	6	5×18.3	98
	DDC26	18	36	132	43.5	25	12.5	8	6×20.8	130
Keyway Bore	20	42	149	47	55	25	12.5	8	6×22.8	189
	DDC31	22	45	150	47.5	22	11	10	6×24.8	249
	DDC36	25	50	173	54	26	13	10	8×28.3	363
	30	58	200	61	78	29	14.5	12	8×33.3	595



Part Number	d	D
Code	8	16
DDC21	10	20
DDC26	12	23

DDC21 — d8



Discount price
Per 1~9 10~
Price 100% Additional quotation



❗ SCR440



❗ SUS304