

Coupling



SCREWTECH
斯科勒自动化

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Coupling

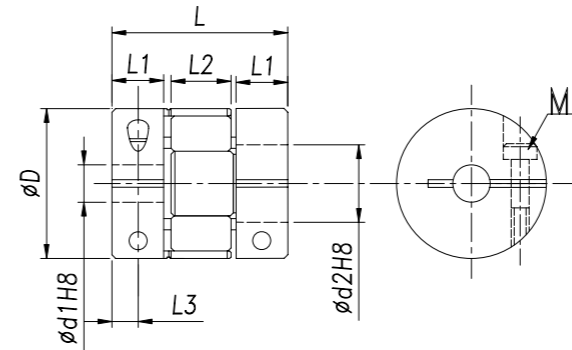
JWC-CE

Jaw Type Flexible Coupling “JWC-CE” Series (Clamp Type) (Bores: 2-60 mm)



Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides.
- Can absorb vibration, parallel & angular misalignments and shaft end-play.
- Identical clockwise and anticlockwise rotational characteristic
- Resistance to oil and electrical insulation.
- Clamp type.



Material		Accessories
Body	Sleeve	
Aluminum Alloy	PU	Clamp Screw

Dimensions

Code	D	d1/d2	L	L1	L2	L3	Clamp Screw	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
JWC14CE	14	2 ~ 7	22	7	6	3.5	M2.5	1.0
JWC20CE	20	4 ~ 10	30	10	8	5.0	M3	1.3
JWC25CE	25	4 ~ 12	34	11	10	5.0	M4	1.5
JWC30CE	30	8 ~ 16	35	11	10	5.0	M4	1.7
JWC40CE	40	14 ~ 24	66	25	12	10	M6	8.0
JWC55CE	55	14 ~ 28	78	30	14	10.5	M6	8.0
JWC65CE	65	19 ~ 38	90	35	15	11.5	M8	15
JWC80CE	80	24 ~ 45	114	45	18	15.5	M8	15
JWC95CE	95	30 ~ 55	126	50	20	18	M10	25
JWC105CE	105	35 ~ 60	140	56	21	21	M12	35

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
JWC14CE	1.1	2.2	19000	5.9x10 ⁻⁴	46	0.02	1.0	+0.60	26
JWC20CE	2.8	5.6	17000	6.5x10 ⁻⁴	55	0.02	1.0	+0.60	37
JWC25CE	6.0	12	16000	7.6x10 ⁻⁴	63	0.02	1.0	+0.60	42
JWC30CE	6.5	13	12000	8.5x10 ⁻⁴	72	0.02	1.0	+0.60	50
JWC40CE	32	64	10000	1.1x10 ⁻³	550	0.02	1.0	+0.60	156
JWC55CE	46	92	8000	4.4x10 ⁻³	1500	0.02	1.0	+0.60	362
JWC65CE	109	218	6000	9.0x10 ⁻³	2800	0.02	1.0	+0.60	582
JWC80CE	135	270	4600	1.8x10 ⁻²	3500	0.02	1.0	+0.60	966
JWC95CE	260	520	3800	2.0x10 ⁻²	4600	0.02	1.0	+0.60	1820
JWC105CE	430	860	3400	3.2x10 ⁻²	5800	0.02	1.0	+0.60	2430

※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Coupling

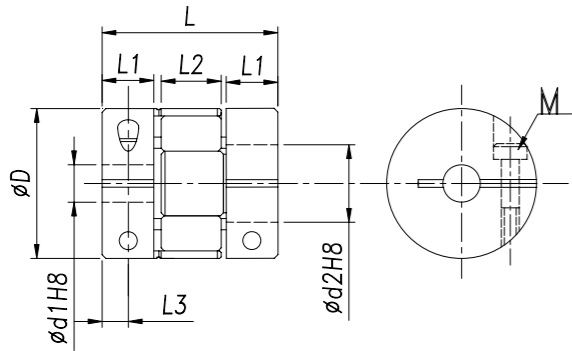
JWC-CR

Jaw Type Flexible Coupling “JWC-CR” Series (Clamp Type) (Bores: 2-60 mm)



Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides.
- Can absorb vibration, parallel & angular misalignments, and shaft end-play.
- Identical clockwise and anticlockwise rotational characteristic.
- Resistance to oil and electrical insulation.
- Clamp type.



Material		Accessories
Body	Sleeve	
Aluminum Alloy	PU	Clamp Screw

Dimensions

Code	D	d1/d2	L	L1	L2	L3	Clamp Screw	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
JWC14CR	14	2 ~ 7	22	7	6	3.5	M2.5	1
JWC20CR	20	4 ~ 10	30	10	8	5.0	M3	1.3
JWC25CR	25	4 ~ 12	34	11	10	5.0	M4	1.5
JWC30CR	30	8 ~ 16	35	11	10	5.0	M4	1.7
JWC40CR	40	14 ~ 24	66	25	12	10	M6	8.0
JWC55CR	55	14 ~ 28	78	30	14	10.5	M6	8.0
JWC65CR	65	19 ~ 38	90	35	15	11.5	M8	15
JWC80CR	80	24 ~ 45	114	45	18	15.5	M8	15
JWC95CR	95	30 ~ 55	126	50	20	18	M10	25
JWC105CR	105	35 ~ 60	140	56	21	21	M12	35

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
JWC14CR	1.1	2.2	19000	5.9x10 ⁻⁴	46	0.02	1.0	+0.60	26
JWC20CR	2.8	5.6	17000	6.5x10 ⁻⁴	55	0.02	1.0	+0.60	37
JWC25CR	6.0	12	16000	7.6x10 ⁻⁴	63	0.02	1.0	+0.60	42
JWC30CR	6.5	13	12000	8.5x10 ⁻⁴	72	0.02	1.0	+0.60	50
JWC40CR	32	64	10000	1.1x10 ⁻³	550	0.02	1.0	+0.60	156
JWC55CR	46	92	8000	4.4x10 ⁻³	1500	0.02	1.0	+0.60	362
JWC65CR	109	218	6000	9.0x10 ⁻³	2800	0.02	1.0	+0.60	582
JWC80CR	135	270	4600	1.8x10 ⁻²	3500	0.02	1.0	+0.60	966
JWC95CR	260	520	3800	2.0x10 ⁻²	4600	0.02	1.0	+0.60	1820
JWC105CR	430	860	3400	3.2x10 ⁻²	5800	0.02	1.0	+0.60	2430

※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Coupling

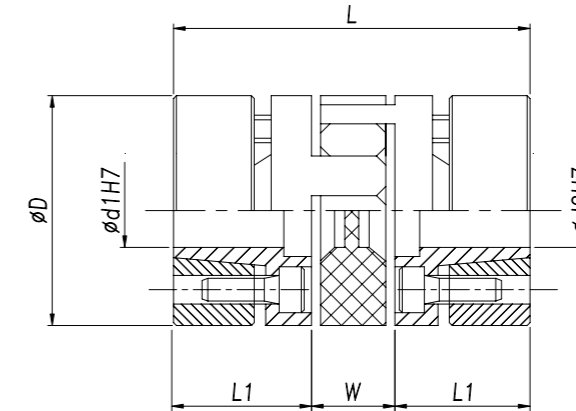
JWC-CZ

Jaw Type Flexible Coupling “JWC-CZ” Series (Locking Assemblies) (Bores: 8-60 mm)



Features:

- Using locking assemblies for connecting, curved jaw type flexible coupling.
- Zero backlash.
- Excellent response and high torque capacity.
- Identical clockwise and anticlockwise rotational characteristic.
- Can absorb vibration, parallel & angular misalignments, and shaft end-play.
- For servo motor, step motor connect.



Dimensions

Code	D	d1/d2	L	L1	Clamp Screw	
	mm	mm	mm	mm	Thread	Wrench Torque (N•m)
JWC35CZ	35	8 ~ 14	50	18.5	M3(4)	1.3
JWC40CZ	40	11 ~ 20	66	25.0	M4(6)	2.7
JWC55CZ	55	14 ~ 28	78	30.0	M5(4)	6.0
JWC65CZ	65	19 ~ 38	90	35.0	M5(8)	6.0
JWC85CZ	85	24 ~ 45	114	45.0	M6(8)	10
JWC95CZ	95	30 ~ 50	126	50.0	M8(4)	35
JWC105CZ	105	35 ~ 60	140	56.0	M8(4)	35

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
JWC35CZ	7.4	14.8	20000	8.7x10 ⁻⁴	510	0.02	1.0	+0.60	50
JWC40CZ	9.5	19	15000	1.12x10 ⁻³	550	0.02	1.0	+0.80	120
JWC55CZ	34	68	13000	4.5x10 ⁻³	1510	0.02	1.0	+0.80	280
JWC65CZ	95	190	10500	9.2x10 ⁻³	2800	0.02	1.0	+0.80	450
JWC85CZ	135	270	8600	1.9x10 ⁻²	3600	0.02	1.0	+1.0	960
JWC95CZ	230	460	7500	2.2x10 ⁻²	4700	0.02	1.0	+1.0	2310
JWC105CZ	380	760	6000	3.3x10 ⁻²	5800	0.02	1.0	+1.0	3090

※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Coupling

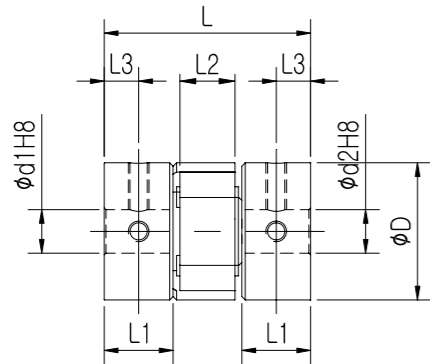
JWC-SE

Jaw Type Flexible Coupling “JWC-SE” Series (Set Screw) (Bores: 2-60 mm)



Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides.
- Can absorb vibration, parallel & angular misalignments and shaft end-play.
- Identical clockwise and anticlockwise rotational characteristic.
- Resistance to oil and electrical insulation.
- Set Screw type.



Material		Accessories
Body	Sleeve	
Aluminum Alloy	PU	Set Screw

Dimensions

Code	D	d1/d2	L	L1	L2	L3	Clamp Screw	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
JWC14SE	14	2 ~ 7	22	7	6	3.5	M3	1
JWC20SE	20	4 ~ 10	30	10	8	5.0	M4	1.3
JWC25SE	25	4 ~ 12	34	11	10	5.0	M4	1.5
JWC30SE	30	8 ~ 16	35	11	10	5.0	M4	1.7
JWC40SE	40	14 ~ 24	66	25	12	10	M5	4.0
JWC55SE	55	14 ~ 28	78	30	14	10	M5	4.0
JWC65SE	65	19 ~ 38	90	35	15	15	M8	15
JWC80SE	80	24 ~ 45	114	45	18	15	M8	15
JWC95SE	95	30 ~ 55	126	50	20	20	M8	15
JWC105SE	105	35 ~ 60	140	56	21	20	M8	15

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
JWC14SE	1.1	2.2	19000	5.9x10 ⁻⁴	46	0.02	1.0	+0.60	26
JWC20SE	2.8	5.6	17000	6.5x10 ⁻⁴	55	0.02	1.0	+0.60	37
JWC25SE	6.0	12	16000	7.6x10 ⁻⁴	63	0.02	1.0	+0.60	42
JWC30SE	6.5	13	15000	8.5x10 ⁻⁴	72	0.02	1.0	+0.60	46
JWC40SE	32	64	13000	1.1x10 ⁻³	550	0.02	1.0	+0.60	148
JWC55SE	46	92	10500	4.4x10 ⁻³	1500	0.02	1.0	+0.60	350
JWC65SE	109	218	8300	9.0x10 ⁻³	2800	0.02	1.0	+0.60	572
JWC80SE	135	270	7000	1.8x10 ⁻²	3500	0.02	1.0	+0.60	950
JWC95SE	260	520	6000	2.0x10 ⁻²	4600	0.02	1.0	+0.60	1800
JWC105SE	430	860	5500	3.2x10 ⁻²	5800	0.02	1.0	+0.60	2400

※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Coupling

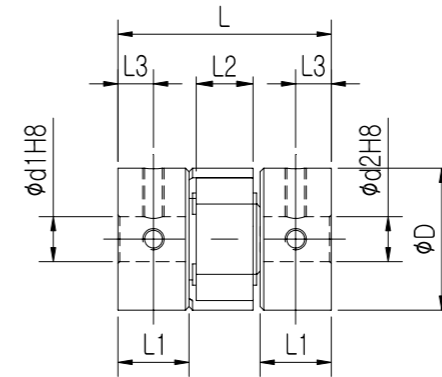
JWC-SR

Jaw Type Flexible Coupling “JWC-SR” Series (Set Screw) (Bores: 2-60 mm)



Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides.
- Can absorb vibration, parallel & angular misalignments and shaft end-play.
- Identical clockwise and anticlockwise rotational characteristic.
- Resistance to oil and electrical insulation.
- Set Screw type



Material		Accessories
Body	Sleeve	
Aluminum Alloy	PU	Set Screw

Dimensions

Code	D	d1/d2	L	L1	L2	L3	Clamp Screw	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
JWC14SR	14	2 ~ 7	22	7	6	3.5	M3	1
JWC20SR	20	4 ~ 10	30	10	8	5.0	M4	1.3
JWC25SR	25	4 ~ 12	34	11	10	5.0	M4	1.5
JWC30SR	30	8 ~ 16	35	11	10	5.0	M4	1.7
JWC40SR	40	14 ~ 24	66	25	12	10	M5	4.0
JWC55SR	55	14 ~ 28	78	30	14	10	M5	4.0
JWC65SR	65	19 ~ 38	90	35	15	15	M8	15
JWC80SR	80	24 ~ 45	114	45	18	15	M8	15
JWC95SR	95	30 ~ 55	126	50	20	20	M8	15
JWC105SR	105	35 ~ 60	140	56	21	20	M8	15

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
JWC14SR	1.1	2.2	19000	5.9x10 ⁻⁴	46	0.02	1.0	+0.60	26
JWC20SR	2.8	5.6	17000	6.5x10 ⁻⁴	55	0.02	1.0	+0.60	37
JWC25SR	6.0	12	16000	7.6x10 ⁻⁴	63	0.02	1.0	+0.60	42
JWC30SR	6.5	13	15000	8.5x10 ⁻⁴	72	0.02	1.0	+0.60	46
JWC40SR	32	64	13000	1.1x10 ⁻³	550	0.02	1.0	+0.60	148
JWC55SR	46	92	10500	4.4x10 ⁻³	1500	0.02	1.0	+0.60	350
JWC65SR	109	218	8300	9.0x10 ⁻³	2800	0.02	1.0	+0.60	572
JWC80SR	135	270	7000	1.8x10 ⁻²	3500	0.02	1.0	+0.60	950
JWC95SR	260	520	6000	2.0x10 ⁻²	4600	0.02	1.0	+0.60	1800
JWC105SR	430	860	5500	3.2x10 ⁻²	5800	0.02	1.0	+0.60	2400

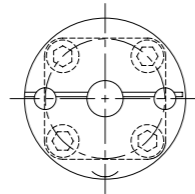
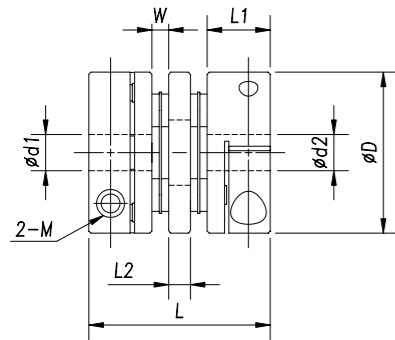
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Disc Flexible Coupling “DKD-CE” Series (Clamp Type) (Bores: 5-45 mm)



Features:

- Stainless plate springs absorb angular misalignment and shaft end-play.
- High torque capacity and excellent response.
- Identical clockwise and anticlockwise rotational characteristic.
- For servo motor and step motor connect.
- Clamp type



Material		Accessories
Body	Plate	
Aluminum Alloy	Stainless Steel	Clamp Screw

Dimensions

Code	D	d1/d2	L	L1	L2	L3	Clamp Screw	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
DKD26CE	26	5 ~ 10	35	2.5	11.5	7.0	M3	1.5
DKD34CE	34	8 ~ 14	45	3.1	14.1	10.6	M4	1.5
DKD39CE	39	10 ~ 16	49	4.1	15.0	10.8	M4	2.5
DKD44CE	44	11 ~ 19	50	4.5	15.0	11.0	M4	2.5
DKD56CE	56	14 ~ 24	63	5.0	20.0	13.0	M5	7.0
DKD68CE	68	19 ~ 35	74	6.0	24.0	14.0	M6	12
DKD82CE	82	24 ~ 40	98	8.0	30.0	22.0	M8	16
DKD94CE	94	25 ~ 40	98	8.0	30.0	22.0	M8	28
DKD104CE	104	30 ~ 45	102	10.0	30.0	22.0	M8	28

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
DKD26CE	1.4	2.8	10000	3.3x10 ⁻⁶	950	0.04	1.5	±0.4	34
DKD34CE	2.8	5.6	10000	8.9x10 ⁻⁶	1960	0.04	1.5	±0.4	70
DKD39CE	5.8	11.6	10000	2.4x10 ⁻⁵	4500	0.04	1.5	±0.4	118
DKD44CE	8.7	17.4	10000	3.2x10 ⁻⁵	10500	0.04	1.5	±0.4	142
DKD56CE	25	50	10000	1.1x10 ⁻⁴	18500	0.04	1.5	±0.4	296
DKD68CE	55	110	10000	2.8x10 ⁻⁴	21800	0.04	1.5	±0.4	544
DKD82CE	80	160	10000	1.0x10 ⁻³	10500	0.04	1.5	±0.4	1020
DKD94CE	185	370	10000	1.76x10 ⁻³	84500	0.04	1.5	±0.4	1210
DKD104CE	255	510	10000	1.86x10 ⁻³	125500	0.04	1.5	±0.4	1460

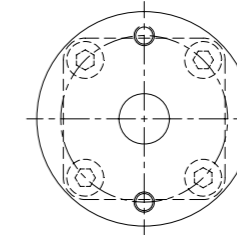
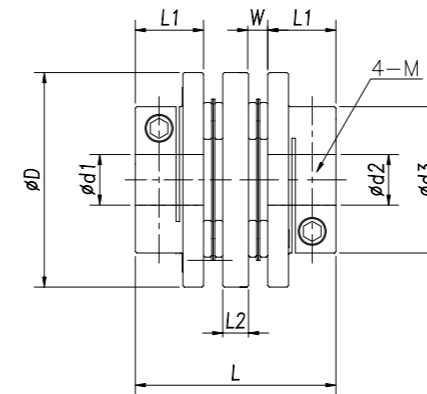
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Disc Flexible Coupling “DKD-CR” Series (Clamp Type) (Bores: 6-30 mm)



Features:

- Stainless plate springs absorb angular misalignment and shaft end-play.
- High torque capacity and excellent response.
- Identical clockwise and anticlockwise rotational characteristic.
- For servo motor and step motor connect.
- Clamp type



Material		Accessories
Body	Plate	
Aluminum Alloy	Stainless Steel	Clamp Screw

Dimensions

Code	D	d1/d2	L	L1	L2	L3	Clamp	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
DKD34CR	34	6 ~ 9	37	21.6	12	3	M3	1.5
DKD44CR	44	10 ~ 14	47	29.6	15	4	M4	3.4
DKD56CR	56	14 ~ 20	61	38.0	20	5	M5	7.0
DKD68CR	68	15 ~ 25	74	46.0	24	6	M6	14
DKD82CR	82	20 ~ 30	98	56.0	30	8	M8	25

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
DKD34CR	2.8	5.6	6000	6.5x10 ⁻⁶	1300	0.02	2.0	±0.3	46
DKD44CR	8.7	17.4	6000	25.4x10 ⁻⁶	2800	0.02	2.0	±0.3	98
DKD56CR	25	50	6000	82.5x10 ⁻⁶	4000	0.02	2.0	±0.3	194
DKD68CR	55	110	6000	225x10 ⁻⁶	6300	0.02	2.0	±0.3	376
DKD82CR	80	160	6000	985x10 ⁻⁶	8300	0.02	2.0	±0.3	640

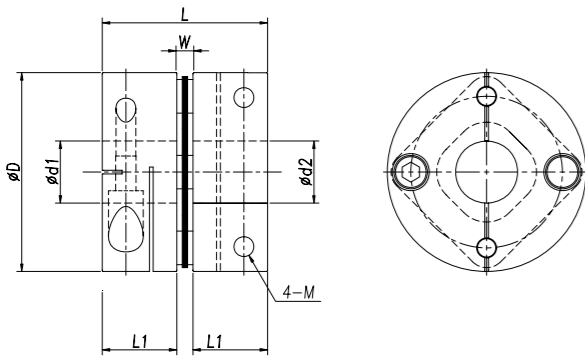
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Disc Flexible Coupling “DKS-CE” Series (Clamp Type) (Bores: 5-45 mm)



Features:

- Stainless plate springs absorb angular misalignment and shaft end-play.
- High torque capacity and excellent response.
- Identical clockwise and anticlockwise rotational characteristic.
- For servo motor and step motor connect.
- Clamp type



Material		Accessories
Body	Plate	
Aluminum Alloy	Stainless Steel	Clamp Screw

Dimensions

型号	D	d1/d2	L	W	L1	Clamp Screw	
	mm	mm	mm	mm	mm	Thread	Wrench Torque (N•m)
DKS26CE	26	5 ~ 10	25.5	2.5	11.5	M3	1.5
DKS34CE	34	8 ~ 14	31.3	3.1	14.1	M4	1.5
DKS39CE	39	10 ~ 16	34.1	4.1	15.0	M4	2.5
DKS44CE	44	11 ~ 19	34.5	4.5	15.0	M4	2.5
DKS56CE	56	14 ~ 24	45.0	5.0	20.0	M5	7.0
DKS68CE	68	19 ~ 35	54.0	6.0	24.0	M6	12
DKS82CE	82	24 ~ 40	68.0	8.0	30.0	M8	16
DKS94CE	94	25 ~ 40	68.0	8.0	30.0	M8	28
DKS104CE	104	30 ~ 45	70.0	10.0	30.0	M8	28

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	°	mm	g
DKS26CE	1.4	2.8	10000	1.8x10 ⁻⁶	690	1.0	±0.2	24
DKS34CE	2.8	5.6	10000	7.2x10 ⁻⁶	1650	1.0	±0.2	46
DKS39CE	5.8	11.6	10000	1.8x10 ⁻⁵	2500	1.0	±0.2	78
DKS44CE	8.7	17.4	10000	2.5x10 ⁻⁵	2900	1.0	±0.2	96
DKS56CE	25	50	10000	1.0x10 ⁻⁴	8400	1.0	±0.2	206
DKS68CE	55	110	10000	1.9x10 ⁻⁴	11500	1.0	±0.2	366
DKS82CE	80	160	10000	7.0x10 ⁻⁴	14500	1.0	±0.2	710
DKS94CE	185	370	10000	1.23x10 ⁻³	16900	1.0	±0.2	960
DKS104CE	255	510	10000	1.86x10 ⁻³	25100	1.0	±0.2	1190

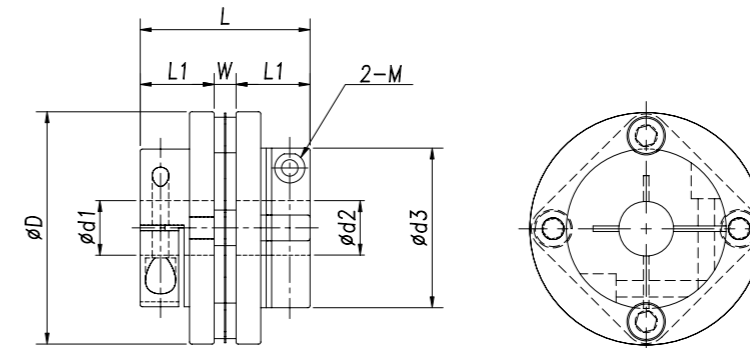
※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Disc Flexible Coupling “DKS-CR” Series (Clamp Type) (Bores: 6-30 mm)



Features:

- Stainless plate springs absorb angular misalignment and shaft end-play.
- High torque capacity and excellent response.
- Identical clockwise and anticlockwise rotational characteristic.
- For servo motor and step motor connect.
- Clamp type



Material		Accessories
Body	Plate	
Aluminum Alloy	Stainless Steel	Clamp Screw

Dimensions

Code	D	d1/d2	L	d3	L1	W	Clamp Screw	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
DKS34CR	34	6 ~ 9	27	21.6	12	3	M3	1.5
DKS44CR	44	10 ~ 14	34	29.6	15	4	M4	3.4
DKS56CR	56	14 ~ 20	45	38.0	20	5	M5	7.0
DKS68CR	68	15 ~ 25	54	46.0	24	6	M6	14
DKS82CR	82	20 ~ 30	68	56.0	30	8	M8	25

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
DKS34CR	2.8	5.6	6000	3.8x10 ⁻⁶	1500	0.02	1.0	±0.15	38
DKS44CR	8.7	17.4	6000	14.5x10 ⁻⁶	3000	0.02	1.0	±0.15	84
DKS56CR	25	50	6000	48.5x10 ⁻⁶	4200	0.02	1.0	±0.15	132
DKS68CR	55	110	6000	126x10 ⁻⁶	6500	0.02	1.0	±0.15	232
DKS82CR	80	160	6000	565x10 ⁻⁶	8600	0.02	1.0	±0.15	420

※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Coupling

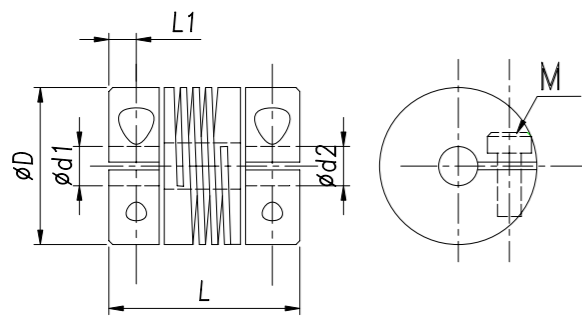
BMCH-CE

Beam Flexible Coupling “BMCH-CE” Series (Clamp Type) (Bores: 4-19 mm)



Features:

- One-piece metal spring coupling
- Absorption of parallel, angular misalignments and shaft end play by spring action.
- Absorption of large angular misalignments by spring action.
- Zero Backlash
- Material: Aluminum Alloy or Stainless Steel.
- Clamp Type



Material of the body	Accessories
Aluminum Alloy (BMCH-CE) or Stainless Steel (BMCH-CES)	Clamp Screw

Dimensions

型号	D	d1/d2	L	L1	Clamp Screw	
	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
BMCH16CE	16	4 ~ 6.35	22.9	3.10	M2.5	1.0
BMCH16CES						
BMCH20CE	20	5 ~ 10	31.8	4.15	M3	1.0
BMCH20CES						
BMCH25CE	25	6 ~ 13	38.1	5.00	M3	2.0
BMCH25CES						
BMCH32CE	32	8 ~ 15	41.3	5.90	M5	4.0
BMCH32CES						
BMCH42CE	42	12 ~ 19	51.0	6.70	M6	7.5
BMCH42CES						

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
BMCH16CE	0.5	1.0	8000	9.0x10 ⁻⁷	46	0.10	2.0	±0.15	14
BMCH16CES	1.0	2.0		2.4x10 ⁻⁶	83	0.10	2.0	±0.15	40
BMCH20CE	1.4	2.8	6000	2.5x10 ⁻⁷	118	0.10	2.0	±0.15	32
BMCH20CES	2.2	4.4		7.3x10 ⁻⁶	246	0.10	2.0	±0.15	96
BMCH25CE	1.6	3.2	5000	8.9x10 ⁻⁶	167	0.10	2.0	±0.15	46
BMCH25CES	3.1	6.2		2.6x10 ⁻⁶	315	0.10	2.0	±0.15	134
BMCH32CE	4.2	8.4	4500	3.2x10 ⁻⁵	225	0.10	2.0	±0.15	92
BMCH32CES	7.5	15.0		8.6x10 ⁻⁵	845	0.10	2.0	±0.15	268
BMCH42CE	9.0	18.0	4500	9.8x10 ⁻⁵	346	0.10	2.0	±0.15	136
BMCH42CES	14.0	28.0		3.0x10 ⁻⁴	990	0.10	2.0	±0.15	392

※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Coupling

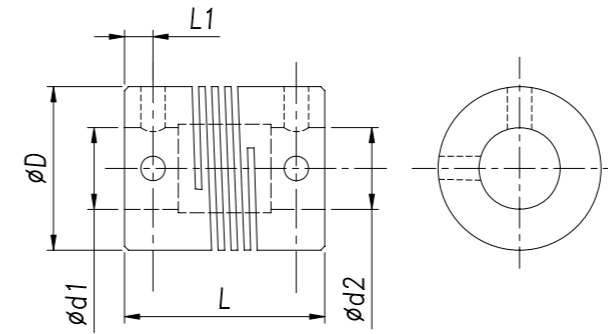
BMCH-SE

Beam Flexible Coupling “BMCH-SE” Series (Set Screw) (Bores: 3-19 mm)



Features:

- One-piece metal spring coupling.
- Absorption of parallel, angular misalignments and shaft end play by spring action.
- Absorption of large angular misalignments by spring action.
- Zero Backlash
- Material: Aluminum Alloy or Stainless Steel.
- Set Screw.



Material of the body	Accessories
Aluminum Alloy (BMCH-SE) or Stainless Steel (BMCH-SES)	Set Screw

Dimensions

Code	D	d1/d2	L	L1	Set Screw	
	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
BMCH16SE	16	3 ~ 6.35	19.0	2.55	M3	0.7
BMCH16SES						
BMCH20SE	20	5 ~ 10	26.4	3.55	M4	1.7
BMCH20SES						
BMCH25SE	25	6 ~ 13	28.6	3.60	M5	1.7
BMCH25SES						
BMCH32SE	32	8 ~ 15	38.1	4.15	M5	3.8
BMCH32SES						
BMCH42SE	42	12 ~ 19	48.0	5.25	M6	4.0
BMCH42SES						

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
BMCH16SE	0.5	1.0	10000	6.9x10 ⁻⁷	110	0.10	1.5	±0.15	12
BMCH16SES	1.0	2.0		2.2x10 ⁻⁶	230	0.10	2.0	±0.15	36
BMCH20SE	1.4	2.8	10000	2.8x10 ⁻⁷	170	0.10	1.5	±0.15	28
BMCH20SES	2.2	4.4		7.0x10 ⁻⁶	320	0.10	2.0	±0.15	76
BMCH25SE	1.6	3.2	8000	5.1x10 ⁻⁶	260	0.10	2.0	±0.15	44
BMCH25SES	3.1	6.2		2.3x10 ⁻⁶	790	0.10	2.0	±0.15	120
BMCH32SE	4.2	8.4	8000	2.1x10 ⁻⁵	560	0.10	2.0	±0.15	78
BMCH32SES	7.5	15.0		8.3x10 ⁻⁵	980	0.10	2.0	±0.15	214
BMCH42SE	9.0	18.0	6000	9.0x10 ⁻⁵	560	0.15	1.5	±0.15	130
BMCH42SES	14.0	28.0		2.7x10 ⁻⁴	1450	0.10	2.0	±0.15	362

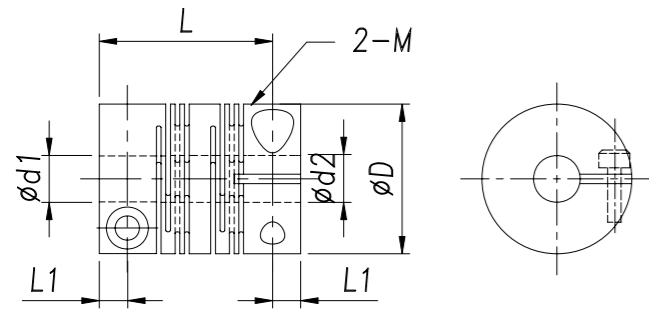
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Beam Flexible Coupling “BMCP-CR” Series (Set Screw) (Bores: 3-24 mm)



Features:

- One-piece metal spring coupling.
- Absorption of parallel, angular misalignments and shaft end play by spring action. Zero Backlash
- Absorption of large angular misalignments by spring action.
- Material: Aluminum Alloy or Stainless Steel.
- Clamp Type.



Material of the body	Accessories
Aluminum Alloy (BMCP-CR) or Stainless Steel (BMCP-CRS)	Clamp Screw

Dimensions

Code	D	d1/d2	L	L1	Clamp Screw	
	mm	mm	mm	mm	Thread	Wrench Torque (N•m)
BMCP12CR	12	3 ~ 5	18.5	2.50	M2	0.5
BMCP12CRS						
BMCP16CR	16	4 ~ 6.35	23	3.30	M2.5	1.0
BMCP16CRS						
BMCP20CR	20	5 ~ 9.525	26	3.75	M2.5	1.0
BMCP20CRS						
BMCP25CR	25	8 ~ 12	31	4.25	M3	1.5
BMCP25CRS						
BMCP32CR	32	10 ~ 14	41	6.00	M4	2.5
BMCP32CRS						
BMCP40CR	40	10 ~ 18	56	8.50	M5	4.0
BMCP40CRS						
BMCP50CR	50	12 ~ 19	71	10.50	M6	8.0
BMCP50CRS						
BMCP63CR	63	14 ~ 24	90	13.00	M8	16
BMCP63CRS						

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
BMCP12CR	0.5	1.0	10000	7.6x10 ⁻⁸	34	0.10	1.5	±0.30	4
BMCP12CRS	0.8	1.6		2.1x10 ⁻⁷	62	0.10	1.5	±0.30	8
BMCP16CR	0.5	1.6	10000	3.2x10 ⁻⁷	46	0.10	1.5	±0.30	18
BMCP16CRS	1.1	2.2		8.9x10 ⁻⁷	83	0.10	1.5	±0.30	32
BMCP20CR	1.1	2.2	9300	8.8x10 ⁻⁷	118	0.10	1.5	±0.30	66
BMCP20CRS	1.6	3.2		2.4x10 ⁻⁸	246	0.10	1.5	±0.30	138
BMCP25CR	1.4	2.8	7500	2.5x10 ⁻⁶	167	0.15	1.5	±0.35	272
BMCP25CRS	2.2	4.4		7.0x10 ⁻⁶	315	0.15	1.5	±0.35	530
BMCP32CR	2.8	5.6	6000	9.6x10 ⁻⁶	225	0.15	1.5	±0.35	14
BMCP32CRS	5.5	11.0	4600	2.6x10 ⁻⁵	845	0.15	1.5	±0.35	26
BMCP40CR	6.3	12.6	3600	3.2x10 ⁻⁵	346	0.20	1.5	±0.35	48
BMCP40CRS	8.7	17.4		8.9x10 ⁻⁵	990	0.20	1.5	±0.35	78
BMCP50CR	11	22	3000	9x10 ⁻⁵	580	0.20	1.5	±0.35	174
BMCP50CRS	16	32		2.7x10 ⁻⁴	1380	0.20	1.5	±0.35	372
BMCP63CR	22	44	2200	3.1x10 ⁻⁴	843	0.20	1.5	±0.35	760
BMCP63CRS	38	76		8.7x10 ⁻⁴	1790	0.20	1.5	±0.35	1410

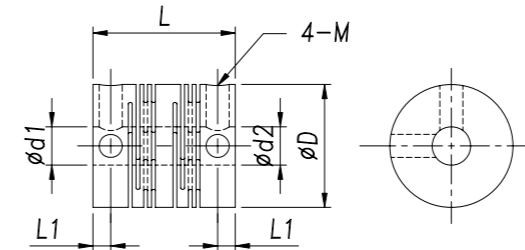
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Beam Flexible Coupling “BMCH-SR” Series (Set Screw) (Bores: 3-24 mm)



Features:

- One-piece metal spring coupling.
- Absorption of parallel, angular misalignments and shaft end play by spring action.
- Absorption of large angular misalignments by spring action.
- Zero Backlash
- Material: Aluminum Alloy or Stainless Steel.
- Set Screw.



Material of the body	Accessories
Aluminum Alloy (BMCH-SR) or Stainless Steel (BMCH-SRS)	Set Screw

Dimensions

Code	D	d1/d2	L	L1	Set Screw	
	mm	mm	mm	mm	Thread	Wrench Torpque (N•m)
BMCP12SR	12	3 ~ 5	18.5	18.5	M2.5	0.5
BMCP12SRS						
BMCP16SR	16	4 ~ 6.35	23	23	M3	0.7
BMCP16SRS						
BMCP20SR	20	5 ~ 9.525	26	26	M3	0.7
BMCP20SRS						
BMCP25SR	25	8 ~ 12	31	4.0	M4	1.7
BMCP25SRS						
BMCP32SR	32	10 ~ 14	41	6.0	M4	1.7
BMCP32SRS						
BMCP40SR	40	10 ~ 18	56	8.5	M5	4.0
BMCP40SRS						
BMCP50SR	50	12 ~ 19	71	10.5	M6	7.0
BMCP50SRS						
BMCP63SR	63	14 ~ 24	90	13.0	M8	15
BMCP63SRS						

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
BMCP12SR	0.5	1.0	30000	8.2x10 ⁻⁸	33	0.10	1.5	±0.30	4
BMCP12SRS	0.8	1.6		2.0x10 ⁻⁷	60	0.10	1.5	±0.30	12
BMCP16SR	0.5	1.6	22000	3.2x10 ⁻⁷	46	0.10	1.5	±0.30	8
BMCP16SRS	1.1	2.2		8.3x10 ⁻⁷	80	0.10	1.5	±0.30	22
BMCP20SR	1.1	2.2	18000	8.8x10 ⁻⁷	115	0.10	1.5	±0.30	16
BMCP20SRS	1.6	3.2		2.2x10 ⁻⁸	235	0.10	1.5	±0.30	40
BMCP25SR	1.4	2.8	14000	2.5x10 ⁻⁶	165	0.15	1.5	±0.35	28
BMCP25SRS	2.2	4.4		6.7x10 ⁻⁶	315	0.15	1.5	±0.35	74
BMCP32SR	2.8	5.6	10000	9.5x10 ⁻⁶	270	0.15	1.5	±0.35	62
BMCP32SRS	5.5	11.0		2.5x10 ⁻⁵	837	0.15	1.5	±0.35	162
BMCP40SR	6.3	12.6	9400	3.1x10 ⁻⁵	345	0.20	1.5	±0.35	134
BMCP40SRS	8.7	17.4		8.6x10 ⁻⁵	980	0.20	1.5	±0.35	354
BMCP50SR	11	22	7600	1.0x10 ⁻⁵	580	0.20	1.5	±0.35	266
BMCP50SRS	16	32		2.6x10 ⁻⁴	1385	0.20	1.5	±0.35	710
BMCP63SR	22	44	6000	3.0x10 ⁻⁴	830	0.20	1.5	±0.35	500
BMCP63SRS	38	76		8.2x10 ⁻⁴	1795	0.20	1.5	±0.35	1310

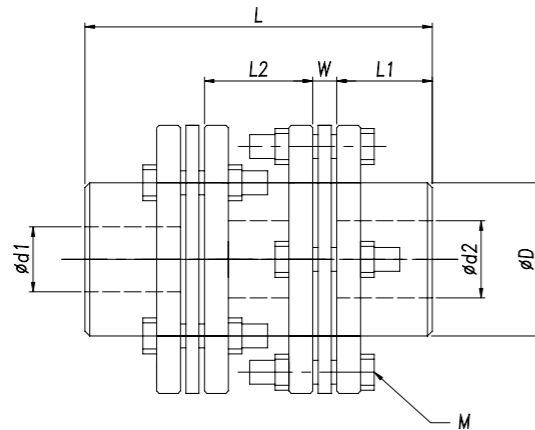
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Disc Coupling “DKD-KS” Series (Keyway Connecting) (Bores: 8-60 mm)



Features:

- Using keyway connect, plate spring coupling
- Zero Backlash
- Excellent response and high torque capacity
- Identical clockwise and anticlockwise rotational characteristics
- Stainless steel plate springs absorb parallel, angular misalignments and shaft end-play
- For servo motor and step motor.



Dimensions

Code	D	d1/d2	D1	L	L1	W	M	Rated Torque
	mm	mm	mm	mm	mm	mm		N•m
DKD56KS	56	8 ~ 20	32	74	20	5	M5	25
DKD68KS	68	11 ~ 25	40	86	25	6	M6	55
DKD82KS	82	14 ~ 35	54	98	30	6	M6	80
DKD94KS	94	14 ~ 38	58	106	30	8	M8	170
DKD104KS	104	19 ~ 42	68	120	35	10	M8	240
DKD126KS	126	22 ~ 50	78	140	40	11	M10	420
DKD144KS	144	30 ~ 60	88	160	45	12	M12	700

Technical Properties

Code	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
DKD56KS	50	15000	0.19x10 ⁻³	7.5x10 ³	0.04	1.5	±1.0	500
DKD68KS	110	14000	0.54x10 ⁻³	13x10 ³	0.04	1.5	±1.5	900
DKD82KS	160	11000	1.6x10 ⁻³	39x10 ³	0.04	1.5	±2.0	1700
DKD94KS	340	9500	2.8x10 ⁻³	78x10 ³	0.04	1.5	±2.0	2400
DKD104KS	480	9800	4.6x10 ⁻³	115x10 ³	0.04	1.5	±2.0	3300
DKD126KS	840	8800	11.9x10 ⁻³	200x10 ³	0.04	1.5	±2.0	5800
DKD144KS	1400	6000	18.2x10 ⁻³	350x10 ³	0.04	1.5	±2.0	8600

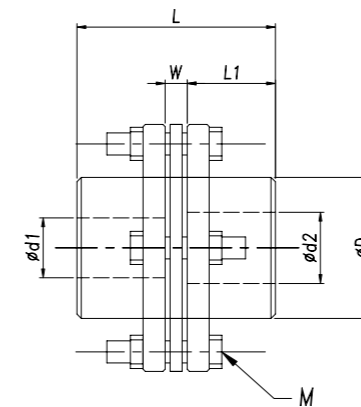
※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Disc Coupling “DKS-KS” Series (Keyway Connecting) (Bores: 8-60 mm)



Features:

- Using keyway connect, plate spring coupling
- Zero Backlash
- Excellent response and high torque capacity
- Identical clockwise and anticlockwise rotational characteristics
- Stainless steel plate springs absorb parallel, angular misalignments and shaft end-play
- For servo motor and step motor.



Dimensions

Code	D	d1/d2	D1	L	L1	W	M	Rated Torpque
	mm	mm	mm	mm	mm	mm		N•m
DKS56KS	56	8 ~ 20	32	45	20	5	M5	25
DKS68KS	68	11 ~ 25	40	56	25	6	M6	55
DKS82KS	82	14 ~ 35	54	66	30	6	M6	80
DKS94KS	94	14 ~ 38	58	68	30	8	M8	170
DKS104KS	104	19 ~ 42	68	80	35	10	M8	240
DKS126KS	126	22 ~ 50	78	91	40	11	M10	420
DKS144KS	144	30 ~ 60	88	102	45	12	M12	700

Technical Properties

Code	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
DKS56KS	50	20000	0.10x10 ⁻³	15x10 ³	0.02	1.0	±0.5	300
DKS68KS	110	15000	0.28x10 ⁻³	28x10 ³	0.02	1.0	±0.8	500
DKS82KS	160	14000	0.85x10 ⁻³	81x10 ³	0.02	1.0	±1.0	1000
DKS94KS	340	11000	1.5x10 ⁻³	165x10 ³	0.02	1.0	±1.0	1400
DKS104KS	480	9800	2.4x10 ⁻³	240x10 ³	0.02	1.0	±1.0	2100
DKS126KS	840	8000	6.3x10 ⁻³	410x10 ³	0.02	1.0	±1.0	3400
DKS144KS	1400	6800	9.3x10 ⁻³	760x10 ³	0.02	1.0	±1.0	4900

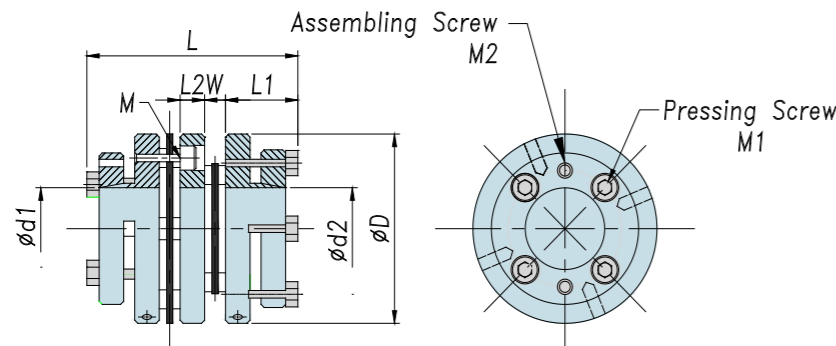
※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Disc Coupling “DKD-ZE” Series (Locking Assemblies) (Bores: 18-75 mm)



Features:

- Using locking assemblies connect, plate spring coupling
- Zero Backlash
- Excellent response and high torque capacity
- Identical clockwise and anticlockwise rotational characteristics
- Stainless steel plate springs absorb parallel, angular misalignments and shaft end-play
- For servo motor and step motor.



Dimensions

Code	D	d1/d2	L	L1	W	M	M1	M2	Rated Torque
	mm	mm	mm	mm	mm				
DKD70ZE	70	18 ~ 35	80	29	7.0	M6	4-M6	2-M6	70
DKD80ZE	80	22 ~ 35	88	31	8.0	M8	4-M6	2-M6	125
DKD90ZE	90	28 ~ 48	88	31	8.0	M8	6-M6	3-M6	180
DKD100ZE	100	32 ~ 60	88	31	8.0	M8	6-M6	3-M6	280
DKD126ZE	126	38 ~ 65	107	35.5	11.0	M10	6-M6	3-M6	450
DKD144ZE	144	45 ~ 75	122	42	12.0	M12	6-M8	3-M8	760

Technical Properties

Code	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	
DKD70ZE	140	13000	0.81x10 ⁻³	30x103	0.2	1.0	±1.0	1150
DKD80ZE	250	11000	1.32x10 ⁻³	32x103	0.3	1.0	±1.0	1580
DKD90ZE	360	10000	2.56x10 ⁻³	68x103	0.3	1.0	±1.0	1980
DKD100ZE	560	8000	3.68x10 ⁻³	79x103	0.3	1.0	±1.0	2260
DKD126ZE	900	10000	7.95x10 ⁻³	216x103	0.02	1.0	±1.0	4300
DKD144ZE	1520	8000	16.70x10 ⁻³	380x103	0.02	1.0	±1.0	6200

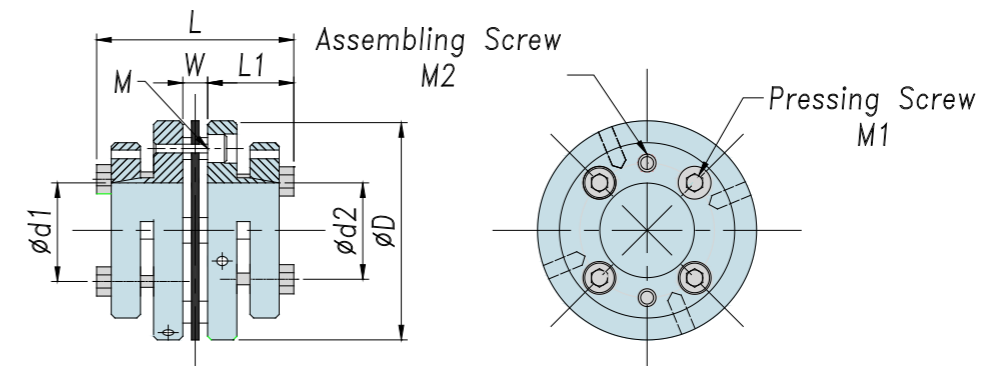
※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Disc Coupling “DKS-ZE” Series (Locking Assemblies) (Bores: 18-75 mm)



Features:

- Using locking assemblies connect, plate spring coupling
- Zero Backlash
- Excellent response and high torque capacity
- Identical clockwise and anticlockwise rotational characteristics
- Stainless steel plate springs absorb parallel, angular misalignments and shaft end-play
- For servo motor and step motor.



Dimensions

Code	D	d1/d2	L	L1	W	M	M1	M2	Rated Torque
	mm	mm	mm	mm	mm				
DKS70ZE	70	18 ~ 35	65	29	7.0	M6	4-M6	2-M6	70
DKS80ZE	80	18 ~ 35	70	31	8.0	M8	4-M6	2-M6	125
DKS90ZE	90	28 ~ 48	70	31	8.0	M8	6-M6	3-M6	180
DKS100ZE	100	32 ~ 60	70	31	8.0	M8	6-M6	3-M6	280
DKS126ZE	126	38 ~ 65	82	35.5	11.0	M10	6-M6	3-M6	450
DKS144ZE	144	45 ~ 75	96	42	12.0	M12	6-M8	3-M8	760

Technical Properties

Code	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	
DKS70ZE	140	17000	0.65x10 ⁻³	58x103	0.02	0.5	±0.5	950
DKS80ZE	250	16000	1.00x10 ⁻³	62x103	0.02	0.5	±0.5	1240
DKS90ZE	360	14000	2.00x10 ⁻³	140x103	0.02	0.5	±0.5	1650
DKS100ZE	560	12000	2.95x10 ⁻³	160x103	0.02	0.5	±0.5	1800
DKS126ZE	900	10000	6.35x10 ⁻³	450x103	0.02	0.5	±0.5	3300
DKS144ZE	1520	8000	11.33x10 ⁻³	785x103	0.02	0.5	±0.5	4500

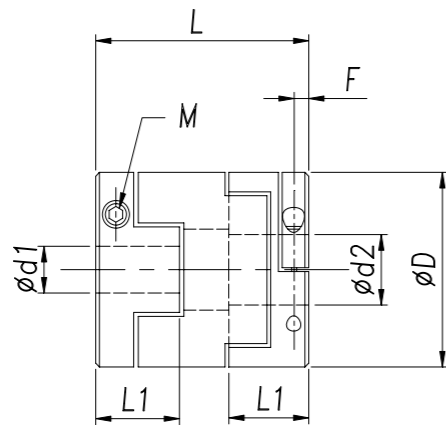
※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Oldham Coupling “OHC-C” Series (Clamp Type) (Bores: 4-25 mm)



Features:

- Oldham type flexible coupling.
- Allows high parallel and angular misalignments.
- High torsional stiffness and response.
- Simple configuration enable easy assembly.
- Zero Backlash.
- Clamp screw.



Dimensions

Code	D	d1/d2	L	F	L1	M	Wrench Torque
	mm	mm	mm	mm	mm		N•m
OHC16	16	4 ~ 6	18	3.t5	7	M3	0.7
OHC20	20	6 ~ 8	23	4.5	9	M4	1.7
OHC25	25	6.35 ~ 10	28	5.5	11	M5	4.0
OHC32	32	8 ~ 14	33	6.5	13	M6	7.0
OHC40	40	8 ~ 14	35	7.0	14	M6	7.0
OHC50	50	12 ~ 16	38	8.5	17	M8	15.0
OHC63	63	16 ~ 25	47	10.5	21	M10	30.0

Technical Properties

Code	Rated Torque	Max Torque	Max Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	
OHC16	0.7	1.4	9000	3.0×10 ⁻⁷	29	1.0	3.0	6
OHC20	1.6	3.2	7400	9.0×10 ⁻⁷	58	1.4	3.0	14
OHC25	3.0	6.0	5800	2.8×10 ⁻⁶	125	1.9	3.0	24
OHC32	5.5	11.0	4700	8.9×10 ⁻⁵	260	2.4	3.0	46
OHC40	9.0	18.0	3600	2.1×10 ⁻⁵	505	2.8	3.0	80
OHC50	19.0	38.0	3000	6.0×10 ⁻⁵	780	3.3	3.0	144
OHC63	33.0	66.0	2400	2.1×10 ⁻⁴	1200	3.8	3.0	318

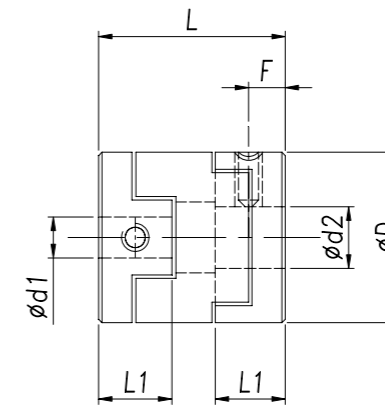
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Oldham Coupling “OHC-S” Series (Clamp type) (Bores: 4-25 mm)



Features:

- Oldham type flexible coupling.
- Allows high parallel and angular misalignments.
- High torsional stiffness and response.
- Simple configuration enable easy assembly.
- Zero Backlash.
- Set screw.



Dimensions

Code	D	d1/d2	L	F	L1	M	Wrench Torque
	mm	mm	mm	mm	mm		N•m
OHC16S	16	4 ~ 6	18	3.5	7	M3	0.7
OHC20S	20	6 ~ 8	23	4.5	9	M4	1.7
OHC25S	25	6.35 ~ 10	28	5.5	11	M5	4.0
OHC32S	32	8 ~ 14	33	6.5	13	M6	7.0
OHC40S	40	8 ~ 14	35	7.0	14	M6	7.0
OHC50S	50	12 ~ 16	38	8.5	17	M8	15.0
OHC63S	63	16 ~ 25	47	10.5	21	M10	30.0

Technical Properties

Code	Rated Torque	Max Torque	Max Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	
OHC16S	0.7	1.4	9000	3.0×10 ⁻⁷	29	1.0	3.0	6
OHC20S	1.6	3.2	7400	9.0×10 ⁻⁷	58	1.4	3.0	14
OHC25S	3.0	6.0	5800	2.8×10 ⁻⁶	125	1.9	3.0	24
OHC32S	5.5	11.0	4700	8.9×10 ⁻⁵	260	2.4	3.0	46
OHC40S	9.0	18.0	3600	2.1×10 ⁻⁵	505	2.8	3.0	80
OHC50S	19.0	38.0	3000	6.0×10 ⁻⁵	780	3.3	3.0	144
OHC63S	33.0	66.0	2400	2.1×10 ⁻⁴	1200	3.8	3.0	318

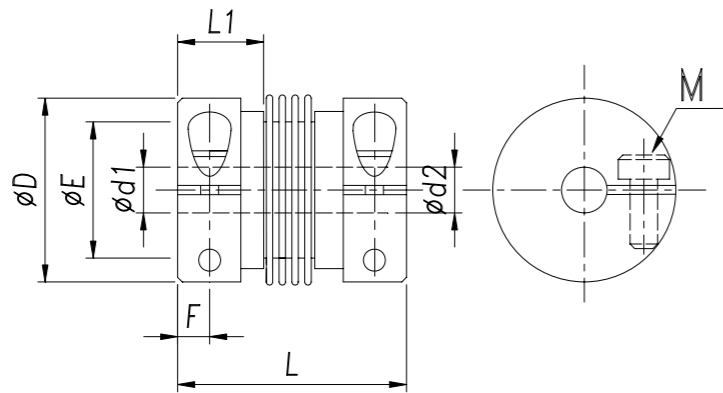
※Note: Inertia moment and the weight are calculated as per the maximum aperture.If you need other dimensions, please feel free to contact us.

Bellows Coupling “BLC-C” Series (Clamp Type) (Bores: 4-42 mm)



Features:

- High torque capacity and excellent response.
- Spring action bellows configuration absorbs parallel, angular misalignments and shaft end-play.
- High torsional stiffness and response.
- Identical clockwise and anticlockwise rotational characteristics.
- Zero Backlash.
- Clamp type



Dimensions

Code	D	d1/d2	L	L1	F	E	M	Wrench Torque
	mm	mm	mm	mm	mm	mm		N•m
BLC16C	16	4 ~ 8	30	10.5	4.0	9.5	M3	0.7
BLC20C	20	6 ~ 12	33	10.5	4.0	12.5	M3	0.7
BLC25C	25	6 ~ 12	38	12.5	5.0	15.0	M4	1.7
BLC32C	32	8 ~ 14	43	14.0	6.0	21.0	M4	1.7
BLC40C	40	10 ~ 16	62	21.5	6.5	27.0	M5	4.0
BLC55C	55	12 ~ 19	72	23.0	7.0	40.0	M6	8.0
BLC65C	65	18 ~ 38	81	25.5	9.0	45.0	M8	15.0
BLC82C	82	20 ~ 42	103	34.5	11.0	56.0	M10	28.0

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
BLC16C	0.8	1.6	18000	3.4x10 ⁻⁷	100	0.10	1.5°	+0.3 -1.0	8
BLC20C	1.5	3.0	13000	8.9x10 ⁻⁷	160	0.10	1.5°	+0.3 -1.0	14
BLC25C	2.0	4.0	11000	2.8x10 ⁻⁶	220	0.15	2.0°	+0.5 -1.3	32
BLC32C	2.5	5.0	10000	8.8x10 ⁻⁶	310	0.20	2.0°	+0.5 -1.3	52
BLC40C	10.0	20.0	8000	1.5x10 ⁻⁵	520	0.20	2.0°	+0.7 -1.5	98
BLC55C	25.0	50.0	6000	2.3x10 ⁻⁵	850	0.20	2.0°	+0.7 -1.5	200
BLC65C	60.0	120.0	4500	2.8x10 ⁻⁵	960	0.20	2.0°	+0.7 -1.5	350
BLC82C	80.0	130.0	4000	6.0x10 ⁻⁵	1290	0.20	2.0°	+0.7 -1.5	750

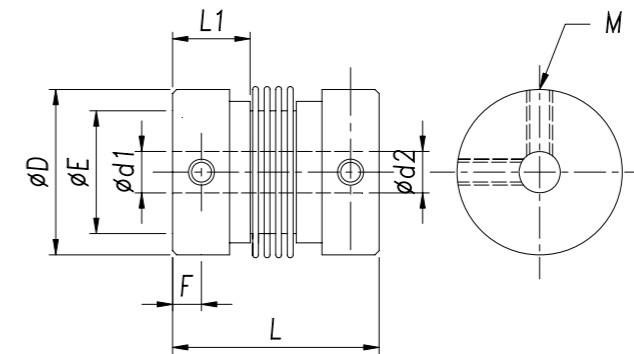
※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

Bellows Coupling “BLC-S” Series (Clamp Type) (Bores: 4-42 mm)



Features:

- High torque capacity and excellent response.
- Spring action bellows configuration absorbs parallel, angular misalignments and shaft end-play.
- High torsional stiffness and response.
- Identical clockwise and anticlockwise rotational characteristics.
- Zero Backlash.
- Clamp type



Dimensions

Code	D	d1/d2	L	L1	F	E	M	Wrench Torque
	mm	mm	mm	mm	mm	mm		N•m
BLC16S	16	4 ~ 8	30	10.5	4.0	9.5	M3	0.7
BLC20S	20	6 ~ 12	33	10.5	4.0	12.5	M3	0.7
BLC25S	25	6 ~ 12	38	12.5	5.0	15.0	M4	1.7
BLC32S	32	8 ~ 14	43	14.0	6.0	21.0	M4	1.7
BLC40S	40	10 ~ 16	62	21.5	6.5	27.0	M5	4.0
BLC55S	55	12 ~ 19	72	23.0	7.0	40.0	M6	8.0
BLC65S	65	18 ~ 38	81	25.5	9.0	45.0	M8	15.0
BLC82S	82	20 ~ 42	103	34.5	11.0	56.0	M10	28.0

Technical Properties

Code	Rated Torque	Max. Torque	Max. Speed	Moment of Inertia	Static Torsional Stiffness	Errors of Eccentricity	Errors of Angularity	Errors of Shaft End-Play	Mass
	N•m	N•m	rpm	Kg•m ²	N•m/rad	mm	°	mm	g
BLC16S	0.8	1.6	18000	3.4x10 ⁻⁷	100	0.10	1.5°	+0.3 -1.0	8
BLC20S	1.5	3.0	13000	8.9x10 ⁻⁷	160	0.10	1.5°	+0.3 -1.0	14
BLC25S	2.0	4.0	11000	2.8x10 ⁻⁶	220	0.15	2.0°	+0.5 -1.3	32
BLC32S	2.5	5.0	10000	8.8x10 ⁻⁶	310	0.20	2.0°	+0.5 -1.3	52
BLC40S	10.0	20.0	8000	1.5x10 ⁻⁵	520	0.20	2.0°	+0.7 -1.5	98
BLC55S	25.0	50.0	6000	2.3x10 ⁻⁵	850	0.20	2.0°	+0.7 -1.5	200
BLC65S	60.0	120.0	4500	2.8x10 ⁻⁵	960	0.20	2.0°	+0.7 -1.5	350
BLC82S	80.0	130.0	4000	6.0x10 ⁻⁵	1290	0.20	2.0°	+0.7 -1.5	750

※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

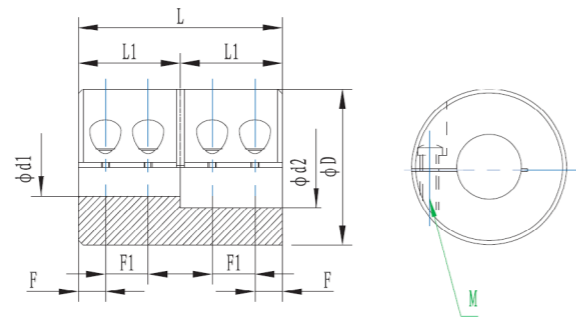
Coupling

RGL-CE

RGL-CE Rigid Coupling (OD from 16 to 32mm)



- Feature:
- Elongated rigid coupling
 - Can be used as connecting sleeve
 - Aluminum alloy and stainless steel both available



Dimensions

Code	D	d1/d2	L	L1	F	F1	Clamp Screw nut	
	mm	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
RGL16CE	16	5 ~ 6	22	11	2.5	5.5	M2	0.5
RGL16CE-SS								
RGL20CE	20	6 ~ 8	24	12	2.5	6	M2	0.5
RGL20CE-SS								
RGL25CE	25	8 ~ 10	36	18	4.5	9	M2.5	1
RGL25CE-SS								
RGL32CE	32	10 ~ 14	45	20	4.0	10	M3	1.5
RGL32CE-SS								

Technical Properties

Code	Rated torque	Max torque	Max speed	Moment of inertia	Weight
	N•m	N•m	rpm	Kg•m ²	N•m/rad
RGL16CE	0.3	0.6	39000	3.4x10 ⁻⁷	10
RGL16CE-SS				8.9x10 ⁻⁷	25
RGL20CE	0.5	1	31000	9.2x10 ⁻⁷	18
RGL20CE-SS				2.5x10 ⁻⁶	45
RGL25CE	1	2	25000	3.4x10 ⁻⁶	38
RGL25CE-SS				9.2x10 ⁻⁶	100
RGL32CE	2	4	19000	1.0x10 ⁻⁵	70
RGL32CE-SS				2.7x10 ⁻⁵	180

※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

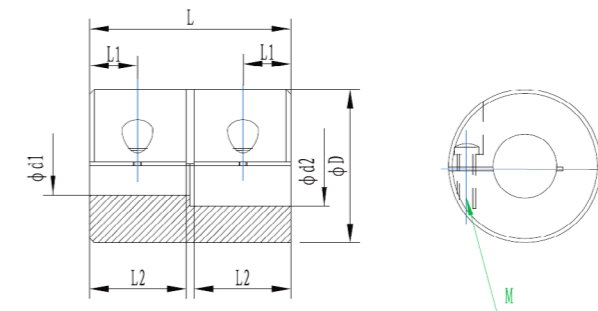
Coupling

RGS-CE

RGS-CE Rigid coupling (OD from 16 to 32mm)



- Feature:
- Light in weight, low inertia and high sensitivity
 - Aluminum alloy and stainless steel are both available



Dimensions

Code	D	d1/d2	L	L1	L2	Clamp Screw	
	mm	mm	mm	mm	mm	Thread	Wrench Torque(N•m)
RGS16CE	16	5 ~ 6	16	3.75	7.5	M2.5	1.0
RGS16CE-SS							
RGS20CE	20	6 ~ 8	20	4.75	9.5	M2.5	1.0
RGS20CE-SS							
RGS25CE	25	8 ~ 10	25	6.0	12.0	M3	1.5
RGS25CE-SS							
RGS32CE	32	10 ~ 14	32	7.75	15.5	M4	2.5
RGS32CE-SS							

Technical properties

Code	Rated torque	Max torque	Max speed	Moment of inertia	Weight
	N•m	N•m	rpm	Kg•m ²	N•m/rad
RGS16CE	0.3	0.6	39000	3.2x10 ⁻⁷	8.8
RGS16CE-SS				8.2x10 ⁻⁷	22
RGS20CE	0.5	1	31000	8.7x10 ⁻⁷	15
RGS20CE-SS				2.4x10 ⁻⁶	41
RGS25CE	1	2	25000	2.7x10 ⁻⁶	29
RGS25CE-SS				7.3x10 ⁻⁶	80
RGS32CE	2	4	19000	9.3x10 ⁻⁶	61
RGS32CE-SS				2.5x10 ⁻⁵	160

※Note: Inertia moment and the weight are calculated as per the maximum aperture. If you need other dimensions, please feel free to contact us.

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