Content of Flexible Coupling

1. Jaw Coupling
(1). Jaw Type Flexible Coupling “JWC-CE” Series (Clamp Type) (Bores: 2-60 mm)
(2). Jaw Type Flexible Coupling “JWC-CR” Series (Clamp Type) (Bores: 14-105 mm)
(3). Jaw Type Flexible Coupling “JWC-CZ” Series (Locking Assemblies) (Bores: 8-60 mm)
(4). Jaw Type Flexible Coupling “JWC-SE” Series (Set Screw) (Bores: 2-60 mm)
(5). Jaw Type Flexible Coupling “JWC-SR” Series (Set Screw) (Bores: 2-60 mm)

2. Disc Coupling (Clamp Type)
(1). Disc Flexible Coupling “DKD-CE” Series (Clamp Type) (Bores: 4-19 mm)
(2). Disc Flexible Coupling “DKD-CR” Series (Clamp Type) (Bores: 3-19 mm)
(3). Disc Flexible Coupling “DKS-CE” Series (Clamp Type) (Bores: 3-24 mm)
(4).Disc Flexible Coupling “DKS-CR” Series (Clamp Type) (Bores: 3-24 mm)

3. Disc Coupling (Keyway Connecting)
(1). Disc Coupling “DKD-KS” Series (Keyway Connecting) (Bores: 8-60 mm)
(2). Disc Coupling “DKS-KS” Series (Keyway Connecting) (Bores: 8-60 mm)

4. Disc Coupling (Locking Assemblies)
(1). Disc Coupling “DKD-ZE” Series (Locking Assemblies) (Bores: 18-75 mm)
(2). Disc Coupling “DKS-ZE” Series (Locking Assemblies) (Bores: 18-75 mm)

5. Beam Coupling
(1). Beam Coupling “BMCH-CE” Series (Clamp Type) (Bores: 4-19 mm)
(2). Beam Coupling “BMCH-SE” Series (Set Screw) (Bores: 3-19 mm)
(3). Beam Coupling “BMCP-CR” Series (Set Screw) (Bores: 3-24 mm)
(4). Beam Coupling “BMCH-SR” Series (Set Screw) (Bores: 3-24 mm)

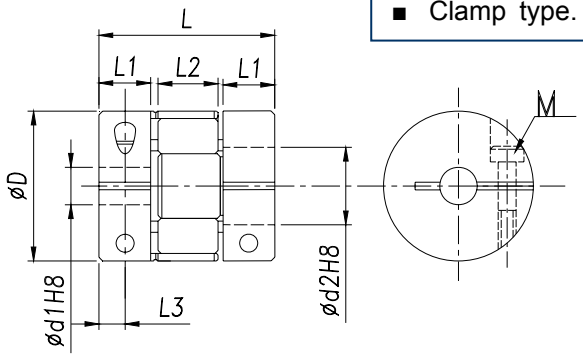
6. Oldham Coupling
(1). Oldham Coupling “OHC-C” Series (Clamp Type) (Bores: 4-25 mm)
(2). Oldham Coupling “OHC-S” Series (Clamp type) (Bores: 4-25 mm)

7. Bellows Coupling
(1). Bellows Coupling “BLC-C” Series (Clamp Type) (Bores: 4-42 mm)
(2). Bellows Coupling “BLC-S” Series (Clamp Type) (Bores: 4-42 mm)

Jaw 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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Clamp Screw	
							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

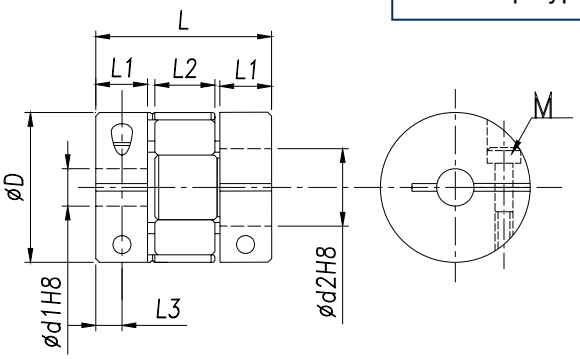
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play mm)	Mass(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

Jaw Coupling “JWC-CR” Series (Clamp Type) (Bores: 14-105 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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Clamp Screw	
							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

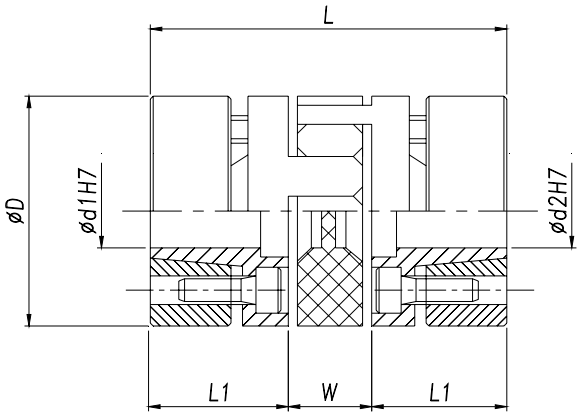
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play mm)	Mass(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

Jaw 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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	W (mm)	Clamp Screw	
						Thread	Wrench Torque (N·m)
JWC35CZ	35	8～14	50	18.5	13	M3(4)	1.3
JWC40CZ	40	11～20	66	25.0	16	M4(6)	2.7
JWC55CZ	55	14～28	78	30.0	18	M5(4)	6.0
JWC65CZ	65	19～38	90	35.0	20	M5(8)	6.0
JWC85CZ	85	24～45	114	45.0	24	M6(8)	10
JWC95CZ	95	30～50	126	50.0	26	M8(4)	35
JWC105CZ	105	35～60	140	56.0	28	M8(4)	35

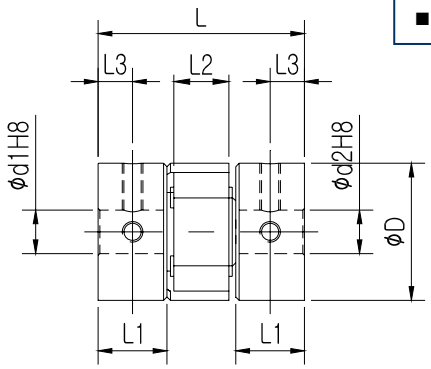
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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

Features:

- Coupling assembled by pressing a polyurethane sleeve into hubs on b oth 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

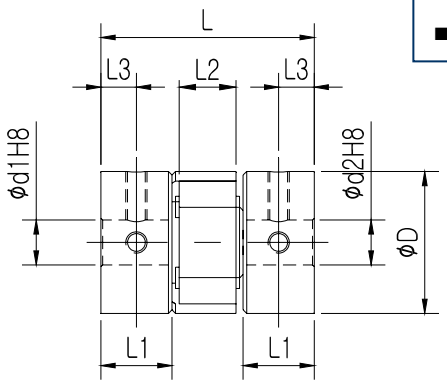
Dimensions

Code	D (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Clamp Screw	
							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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

Jaw 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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Clamp Screw	
							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

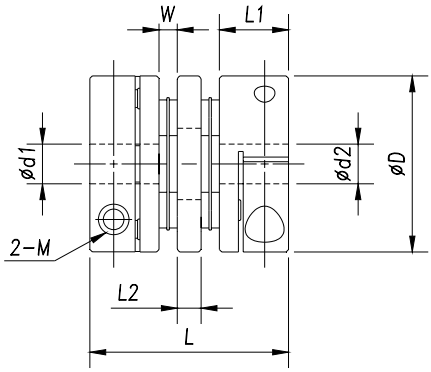
Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (g)
JWC14SR	1.1	2.2	19000	$5.9x10^{-4}$	46	0.02	1.0	+0.60	26
JWC20SR	2.8	5.6	17000	$6.5x10^{-4}$	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

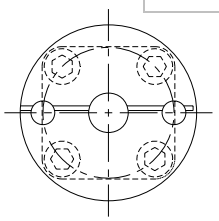
Disc Coupling “DKD-CE” Series (Clamp Type) (Bores: 5-45 mm)

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 (mm)	d1/d2 (mm)	L (mm)	W (mm)	L1 (mm)	L2 (mm)	Clamp Screw	
							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

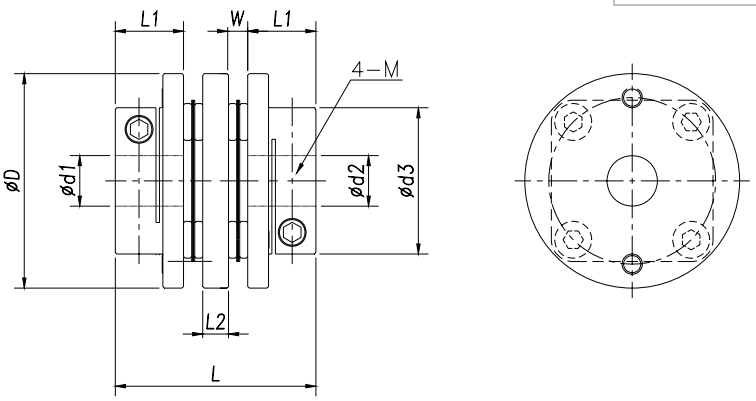
Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (g)
DKD26CE	1.4	2.8	10000	$3.3x10^{-6}$	950	0.04	1.5	±0.4	34
DKD34CE	2.8	5.6	10000	$8.9x10^{-6}$	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

Disc 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 (mm)	d1/d2 (mm)	L (mm)	d3 (mm)	L1 (mm)	W (mm)	Clamp	
							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

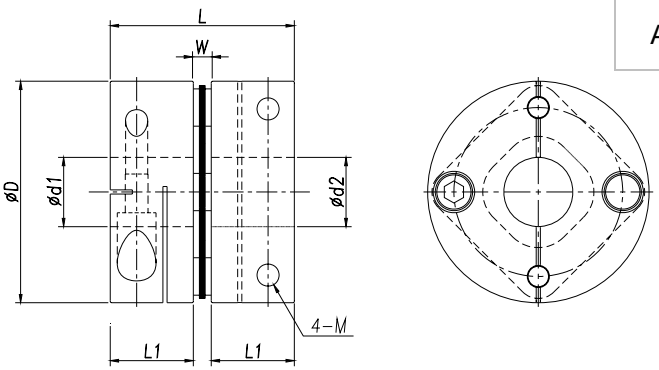
Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (g)
DKD34CR	2.8	5.6	6000	$6.5x10^{-6}$	1300	0.02	2.0	±0.3	46
DKD44CR	8.7	17.4	6000	$25.4x10^{-6}$	2800	0.02	2.0	±0.3	98
DKD56CR	25	50	6000	82.510^{-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

Disc 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

Code	D (mm)	d1/d2 (mm)	L (mm)	W (mm)	L1 (mm)	Clamp Screw	
						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

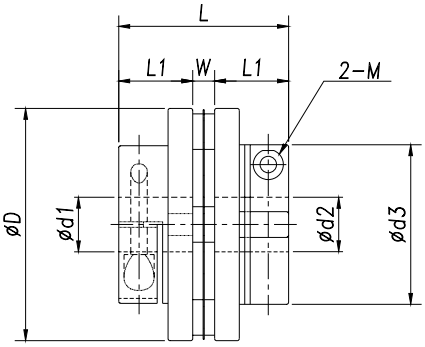
Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (g)
DKS26CE	1.4	2.8	10000	$1.8x10^{-6}$	690	1.0	±0.2	24
DKS34CE	2.8	5.6	10000	$7.2x10^{-6}$	1650	1.0	±0.2	46
DKS39CE	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

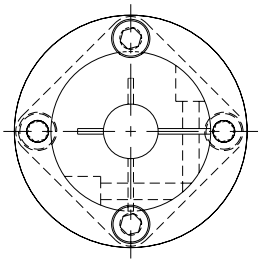
Disc Coupling “DKS-CR” Series (Clamp Type) (Bores: 6-30 mm)

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

型号	D (mm)	d1/d2 (mm)	L (mm)	d3 (mm)	L1 (mm)	W (mm)	Clamp Screw	
							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

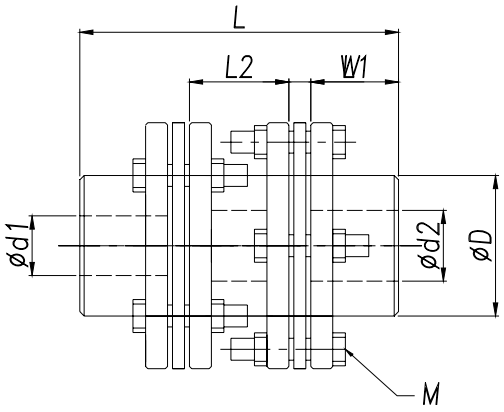
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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	48.510^{-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

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.



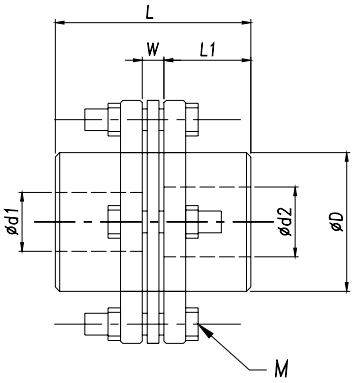
Dimensions

Code	D (mm)	d1/d2 (mm)	D1 (mm)	L (mm)	L1 (mm)	W (mm)	M	Rated Torque (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 (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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

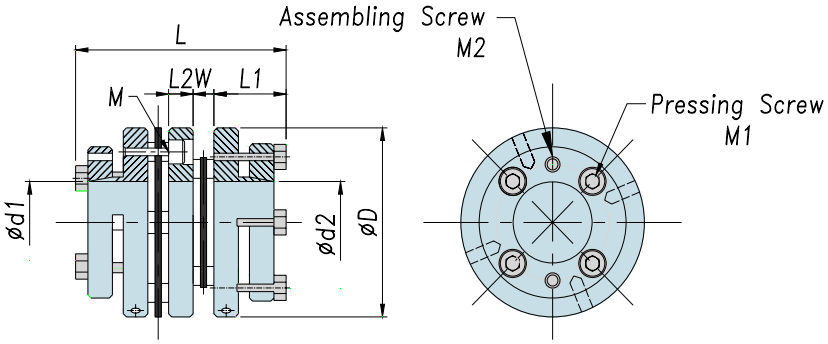
Code	D (mm)	d1/d2 (mm)	D1 (mm)	L (mm)	L1 (mm)	W (mm)	M	Rated Torpque (N·m)
DKS56KS	56	8～20	32	45	20	5	M5	25
DKS68KS	68	11～25	40	56	25	6	M6	55
DKS82KS	82	14～35	54	66	30	6	M6	80
DKS94KS	94	14～38	58	68	30	8	M8	170
DKS104KS	104	19～42	68	80	35	10	M8	240
DKS126KS	126	22～50	78	91	40	11	M10	420
DKS144KS	144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

Technical Properties

Code	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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

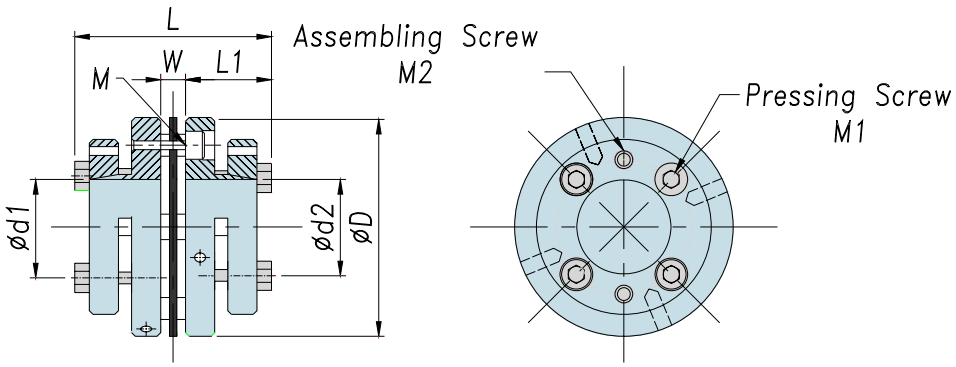
Code	D (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	W (mm)	M	M1	M2	Rated Torque (N·m)
DKD70ZE	70	18～35	80	29	7.0	M6	4-M6	2-M6	70
DKD80ZE	80	22～35	88	31	8.0	M8	4-M6	2-M6	125
DKD90ZE	90	28～48	88	31	8.0	M8	6-M6	3-M6	180
DKD100ZE	100	32～60	88	31	8.0	M8	6-M6	3-M6	280
DKD126ZE	126	38～65	107	35.5	11.0	M10	6-M6	3-M6	450
DKD144ZE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

Technical Properties

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

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	W (mm)	M	M1	M2	Rated Torque (N·m)
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

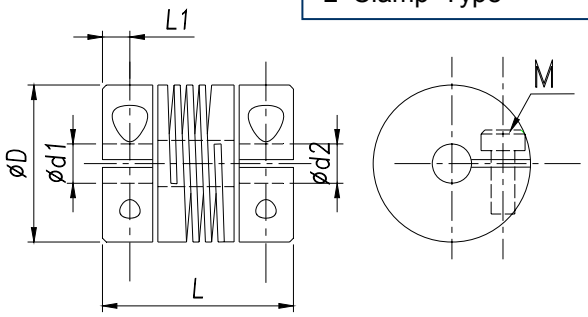
Technical Properties

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

Beam 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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Clamp Screw	
					Thread	Wrench Torque
BMCH16CE BMCH16CES	19.1	4～6.35	22.9	3.10	M2.5	1.0
BMCH20CE BMCH20CES	25.4	5～10	31.8	4.15	M3	1.0
BMCH25CE BMCH25CES	28.6	6～13	38.1	5.00	M3	2.0
BMCH32CE BMCH32CES	38.1	8～15	41.3	5.90	M5	4.0
BMCH42CE BMCH42CES	50.8	12～19	51.0	6.70	M6	7.5

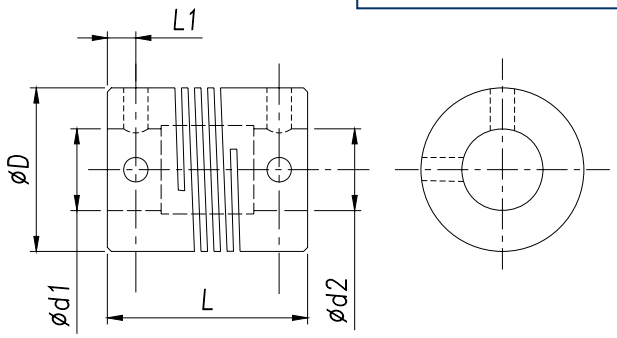
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

Beam 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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Set Screw	
					Thread	Wrench Torque
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						

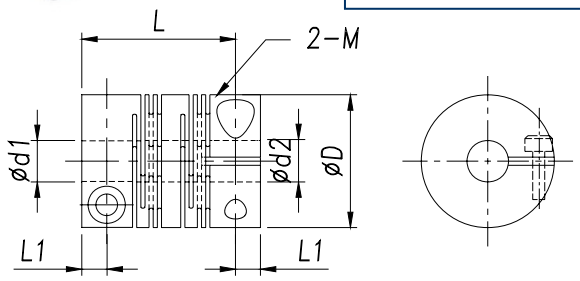
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

Beam 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: A luminum Alloy or Stainless Steel.
- Clamp Type.



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

Dimensions

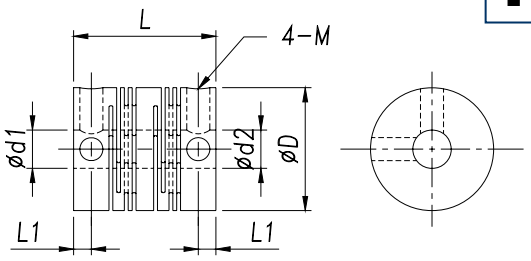
Code	D (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Clamp Screw	
					Thread	Wrench Torque (N·m)
BMCP12CR BMCP12CRS	12	3～5	18.5	2.50	M2	0.5
BMCP16CR BMCP16CRS	16	4～6.35	23	3.30	M2.5	1.0
BMCP20CR BMCP20CRS	20	5～9.525	26	3.75	M2.5	1.0
BMCP25CR BMCP25CRS	25	8～12	31	4.25	M3	1.5
BMCP32CR BMCP32CRS	32	10～14	41	6.00	M4	2.5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

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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

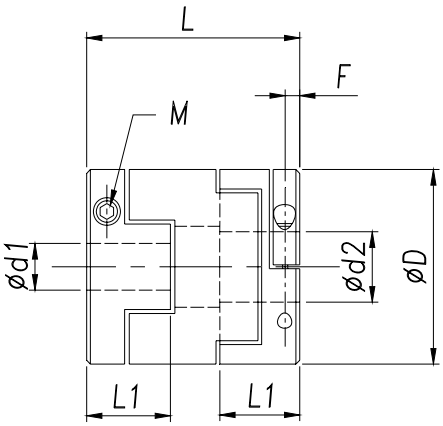
Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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 (mm)	d1~d2 (mm)	L (mm)	F (mm)	L1 (mm)	M	Wrench Torque (N·m)
OHC16C	16	4～6	18	3.5	7	M3	0.7
OHC20C	20	6～8	23	4.5	9	M4	1.7
OHC25C	25	6.35～10	28	5.5	11	M5	4.0
OHC32C	32	8～14	33	6.5	13	M6	7.0
OHC40C	40	8～14	35	7.0	14	M6	7.0
OHC50C	50	12～16	38	8.5	17	M8	15.0
OHC63C	63	16～25	47	10.5	21	M10	30.0

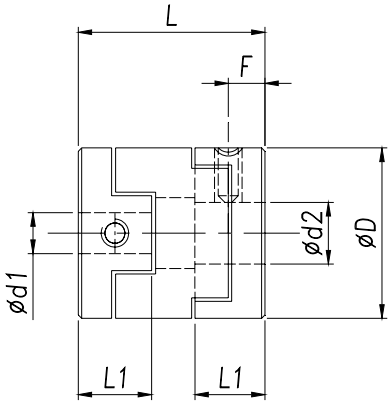
Technical Properties

Code	Rated Torque (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Mass (g)
OHC16C	0.7	1.4	9000	3.0×10^{-7}	29	1.0	3.0	6
OHC20C	1.6	3.2	7400	9.0×10^{-7}	58	1.4	3.0	14
OHC25C	3.0	6.0	5800	2.8×10^{-6}	125	1.9	3.0	24
OHC32C	5.5	11.0	4700	8.9×10^{-5}	260	2.4	3.0	46
OHC40C	9.0	18.0	3600	2.1×10^{-5}	505	2.8	3.0	80
OHC50C	19.0	38.0	3000	6.0×10^{-5}	780	3.3	3.0	144
OHC63C	33.0	66.0	2400	2.1×10^{-4}	1200	3.8	3.0	318

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 (mm)	d1~d2 (mm)	L (mm)	F (mm)	L1 (mm)	M	Wrench Torque (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

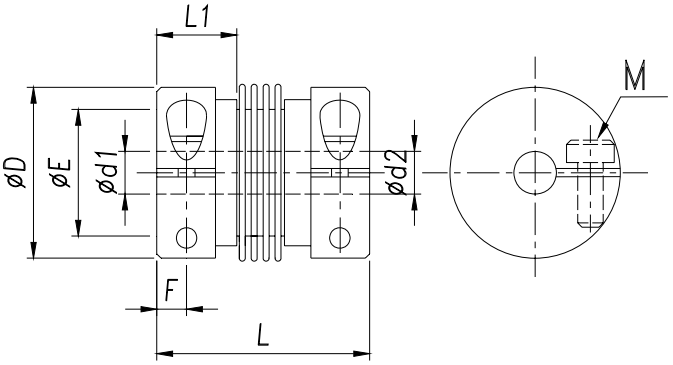
Technical Properties

Code	Rated Torque (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Mass (g)
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

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 m isalignments and shaft end-play.
- High torsional stiffness and response.
- Identical clockwise and anticlockwise rotational characteristics.
- Zero Backlash.
- Clamp type



Dimensions

Code	D (mm)	d1~d2 (mm)	L (mm)	L1 (mm)	F (mm)	E (mm)	M	Wrench Torque (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

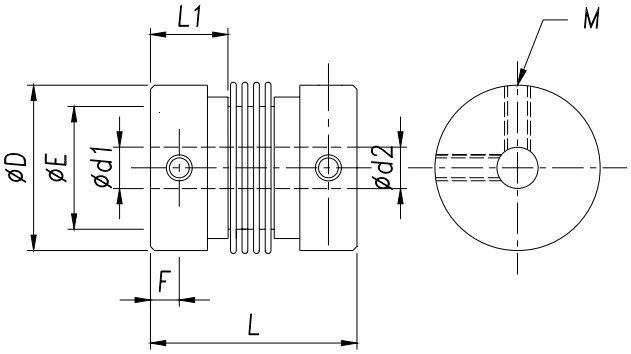
Technical Properties

Code	Rated Torque (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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 (mm)	d1~d2 (mm)	L (mm)	L1 (mm)	F (mm)	E (mm)	M	Wrench Torque (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 (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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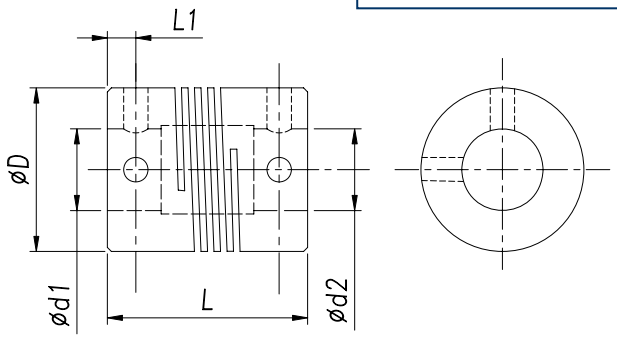
Beam Flexible Coupling “BMCH-SE” Series (Set Screw) (Bores: 3-19 mm)

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Set Screw	
					Thread	Wrench Torque
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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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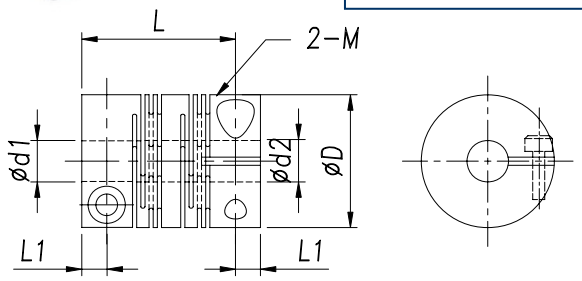
Beam Flexible Coupling "BMCP-CR" Series (Set Screw) (Bores: 3-24 mm)

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

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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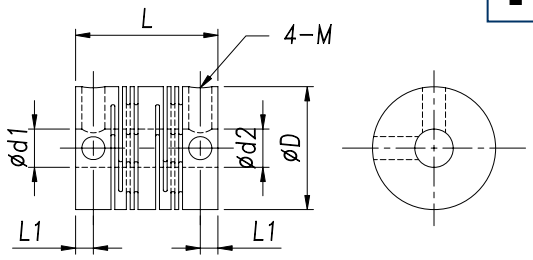
Beam Flexible Coupling "BMCH-SR" Series (Set Screw) (Bores: 3-24 mm)

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

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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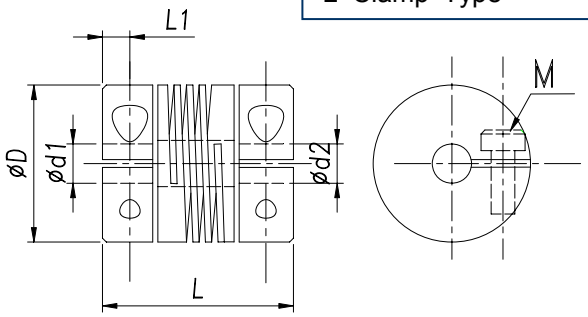
Beam Flexible Coupling “BMCH-CE” Series (Clamp Type) (Bores: 4-19 mm)

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Clamp Screw	
					Thread	Wrench Torque
BMCH16CE BMCH16CES	19.1	4～6.35	22.9	3.10	M2.5	1.0
BMCH20CE BMCH20CES	25.4	5～10	31.8	4.15	M3	1.0
BMCH25CE BMCH25CES	28.6	6～13	38.1	5.00	M3	2.0
BMCH32CE BMCH32CES	38.1	8～15	41.3	5.90	M5	4.0
BMCH42CE BMCH42CES	50.8	12～19	51.0	6.70	M6	7.5

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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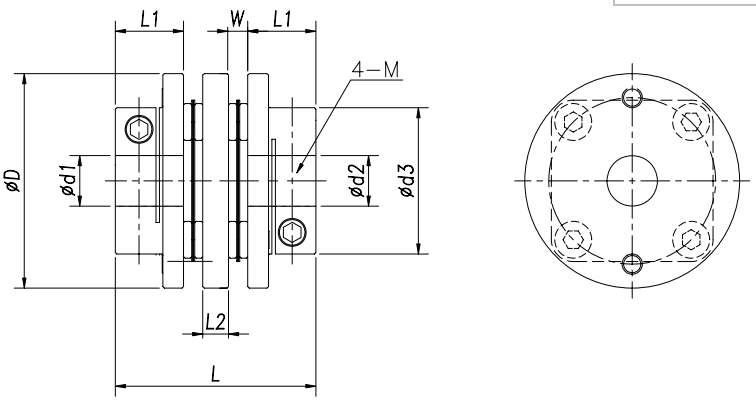
Disc Flexible Coupling “DKD-CR” Series (Clamp Type) (Bores: 6-30 mm)

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 (mm)	d1/d2 (mm)	L (mm)	d3 (mm)	L1 (mm)	W (mm)	Clamp	
							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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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	82.510^{-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

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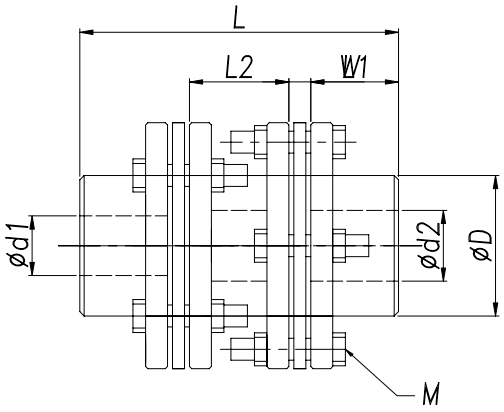
Disc Coupling “DKD-KS” Series (Keyway Connecting) (Bores: 8-60 mm)

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 (mm)	d1/d2 (mm)	D1 (mm)	L (mm)	L1 (mm)	W (mm)	M	Rated Torque (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 (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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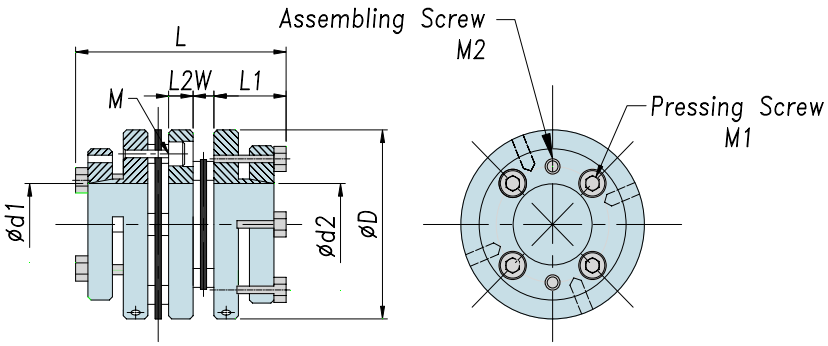
Disc Coupling “DKD-ZE” Series (Locking Assemblies) (Bores: 18-75 mm)

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	W (mm)	M	M1	M2	Rated Torque (N·m)
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 (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (°)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (g)
DKD70ZE	140	13000	$0.81x10^{-3}$	$30x10^3$	0.2	1.0	±1.0	1150
DKD80ZE	250	11000	$1.32x10^{-3}$	$32x10^3$	0.3	1.0	±1.0	1580
DKD90ZE	360	10000	$2.56x10^{-3}$	$68x10^3$	0.3	1.0	±1.0	1980
DKD100ZE	560	8000	$3.68x10^{-3}$	$79x10^3$	0.3	1.0	±1.0	2260
DKD126ZE	900	10000	$7.95x10^{-3}$	$216x10^3$	0.02	1.0	±1.0	4300
DKD144ZE	1520	8000	$16.70x10^{-3}$	$380x10^3$	0.02	1.0	±1.0	6200

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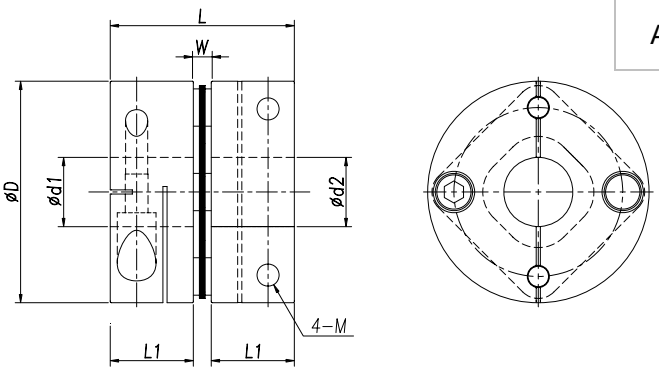
Disc Flexible Coupling “DKS-CE” Series (Clamp Type) (Bores: 5-45 mm)

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

Code	D (mm)	d1/d2 (mm)	L (mm)	W (mm)	L1 (mm)	Clamp Screw	
						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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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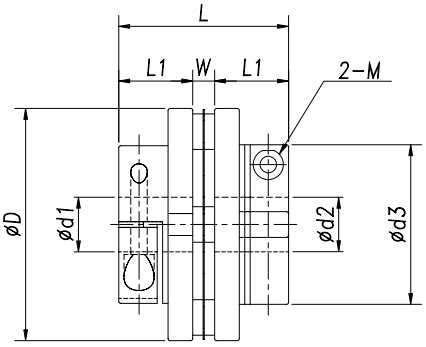
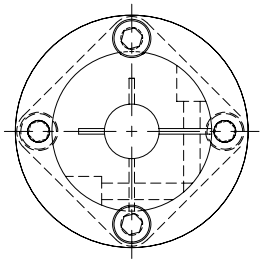
Disc Flexible Coupling “DKS-CR” Series (Clamp Type) (Bores: 6-30 mm)

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

型号	D (mm)	d1/d2 (mm)	L (mm)	d3 (mm)	L1 (mm)	W (mm)	Clamp Screw	
							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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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	48.510^{-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

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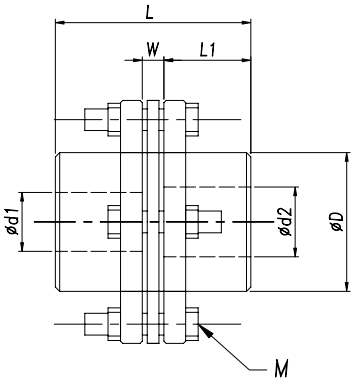
Disc Coupling “DKS-KS” Series (Keyway Connecting) (Bores: 8-60 mm)



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 (mm)	d1/d2 (mm)	D1 (mm)	L (mm)	L1 (mm)	W (mm)	M	Rated Torpque (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 (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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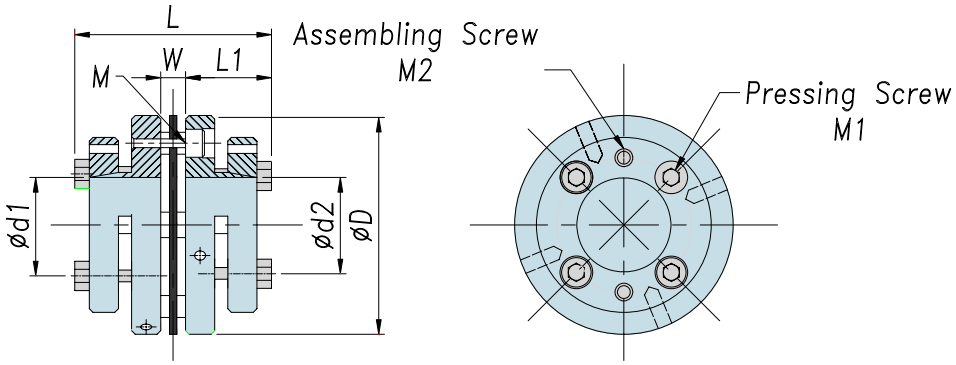
Disc Coupling “DKS-ZE” Series (Locking Assemblies) (Bores: 18-75 mm)

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	W (mm)	M	M1	M2	Rated Torque (N·m)
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 (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (°)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (g)
DKS70ZE	140	17000	$0.65x10^{-3}$	$58x10^{3}$	0.02	0.5	±0.5	950
DKS80ZE	250	16000	$1.00x10^{-3}$	$62x10^{3}$	0.02	0.5	±0.5	1240
DKS90ZE	360	14000	$2.00x10^{-3}$	$140x10^{3}$	0.02	0.5	±0.5	1650
DKS100ZE	560	12000	$2.95x10^{-3}$	$160x10^{3}$	0.02	0.5	±0.5	1800
DKS126ZE	900	10000	$6.35x10^{-3}$	$450x10^{3}$	0.02	0.5	±0.5	3300
DKS144ZE	1520	8000	$11.33x10^{-3}$	$785x10^{3}$	0.02	0.5	±0.5	4500

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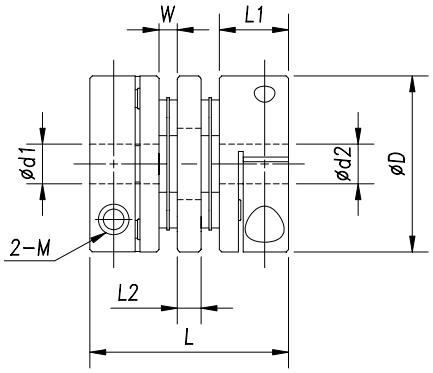
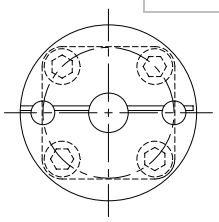
Disc Flexible Coupling "DKD-CE" Series (Clamp Type) (Bores: 5-45 mm)

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 (mm)	d1/d2 (mm)	L (mm)	W (mm)	L1 (mm)	L2 (mm)	Clamp Screw	
							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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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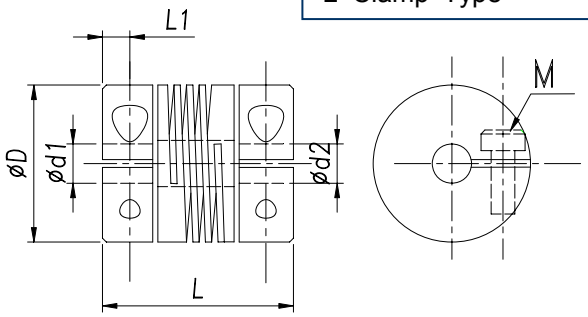
Beam Flexible Coupling “BMCH-CE” Series (Clamp Type) (Bores: 4-19 mm)

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Clamp Screw	
					Thread	Wrench Torque
BMCH16CE BMCH16CES	19.1	4～6.35	22.9	3.10	M2.5	1.0
BMCH20CE BMCH20CES	25.4	5～10	31.8	4.15	M3	1.0
BMCH25CE BMCH25CES	28.6	6～13	38.1	5.00	M3	2.0
BMCH32CE BMCH32CES	38.1	8～15	41.3	5.90	M5	4.0
BMCH42CE BMCH42CES	50.8	12～19	51.0	6.70	M6	7.5

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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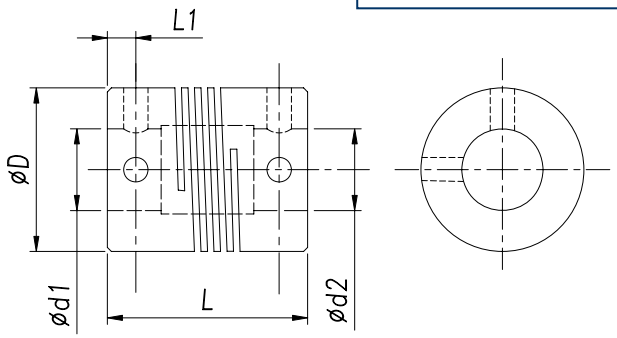
Beam Flexible Coupling “BMCH-SE” Series (Set Screw) (Bores: 3-19 mm)

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 (mm)	d1/d2 (mm)	L (mm)	L1 (mm)	Set Screw	
					Thread	Wrench Torque
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 (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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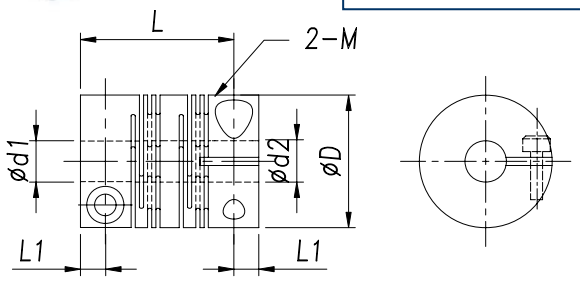
Beam Flexible Coupling "BMCP-CR" Series (Set Screw) (Bores: 3-24 mm)

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

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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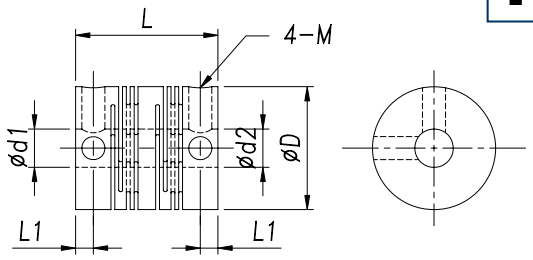
Beam Flexible Coupling "BMCH-SR" Series (Set Screw) (Bores: 3-24 mm)

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

Technical Properties

Code	Rated Torque (N·m)	Max. Torque (N·m)	Max. Speed (rpm)	Moment of Inertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-Play (mm)	Mass (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

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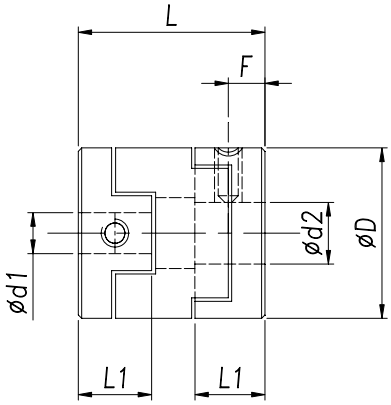
Oldham Coupling “OHC-S” Series (Clamp type) (Bores: 4-25 mm)

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 (mm)	d1~d2 (mm)	L (mm)	F (mm)	L1 (mm)	M	Wrench Torque (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 (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Mass (g)
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

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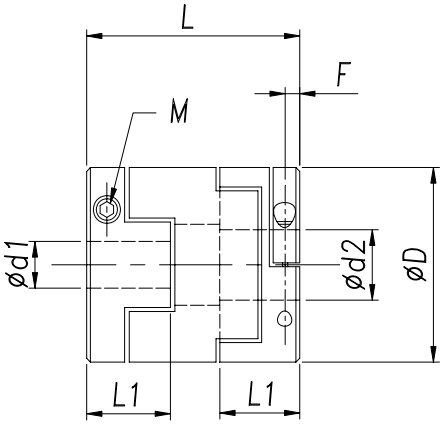
Oldham Coupling “OHC-C” Series (Clamp Type) (Bores: 4-25 mm)

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 (mm)	d1~d2 (mm)	L (mm)	F (mm)	L1 (mm)	M	Wrench Torque (N·m)
OHC16C	16	4～6	18	3.5	7	M3	0.7
OHC20C	20	6～8	23	4.5	9	M4	1.7
OHC25C	25	6.35～10	28	5.5	11	M5	4.0
OHC32C	32	8～14	33	6.5	13	M6	7.0
OHC40C	40	8～14	35	7.0	14	M6	7.0
OHC50C	50	12～16	38	8.5	17	M8	15.0
OHC63C	63	16～25	47	10.5	21	M10	30.0

Technical Properties

Code	Rated Torque (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Mass (g)
OHC16C	0.7	1.4	9000	3.0×10^{-7}	29	1.0	3.0	6
OHC20C	1.6	3.2	7400	9.0×10^{-7}	58	1.4	3.0	14
OHC25C	3.0	6.0	5800	2.8×10^{-6}	125	1.9	3.0	24
OHC32C	5.5	11.0	4700	8.9×10^{-5}	260	2.4	3.0	46
OHC40C	9.0	18.0	3600	2.1×10^{-5}	505	2.8	3.0	80
OHC50C	19.0	38.0	3000	6.0×10^{-5}	780	3.3	3.0	144
OHC63C	33.0	66.0	2400	2.1×10^{-4}	1200	3.8	3.0	318

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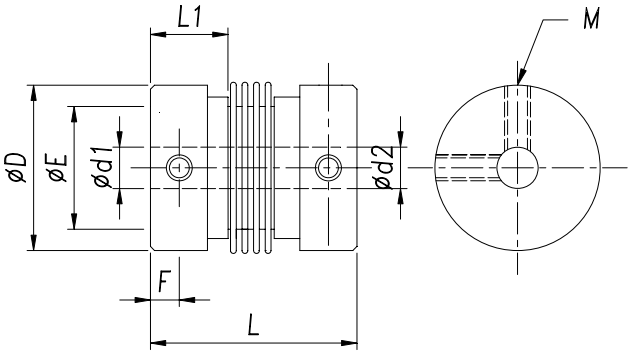
Bellows Coupling “BLC-S” Series (Clamp Type) (Bores: 4-42 mm)

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 (mm)	d1~d2 (mm)	L (mm)	L1 (mm)	F (mm)	E (mm)	M	Wrench Torque (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 (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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

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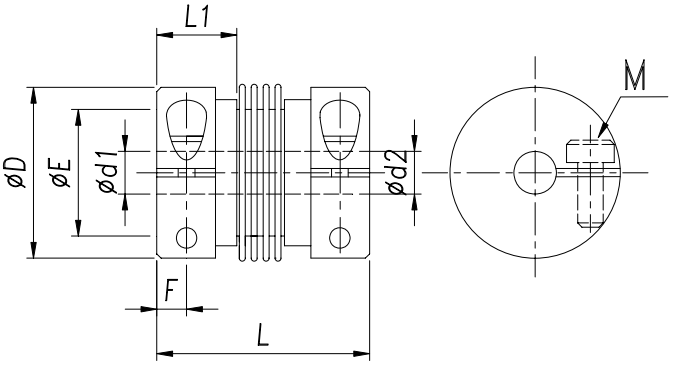
Bellows Coupling “BLC-C” Series (Clamp Type) (Bores: 4-42 mm)

Features:

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



Dimensions

Code	D (mm)	d1~d2 (mm)	L (mm)	L1 (mm)	F (mm)	E (mm)	M	Wrench Torque (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 (N·m)	Max Torque (N·m)	Max Speed (rpm)	Moment of Intertia ($Kg·m^2$)	Static Torsional Stiffness (N·m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (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