

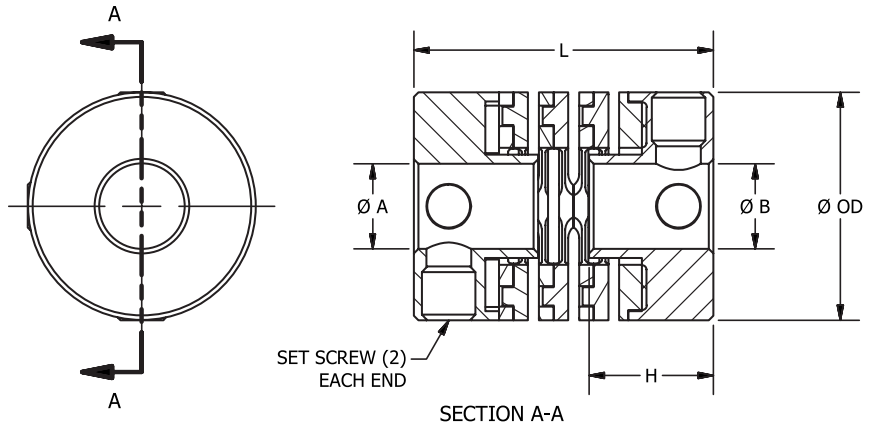
LCSP

# COUPLINGS

LCSP

## Servo-Beam™

Flexibility of a bellows coupling with torsional stiffness and strength of a disc coupling



Short version, 5° angular misalignment, engineered polymer

Part Number	OD (in)	L (in)	Inch or Metric Bore		H (in)	Set Screw	Max Torque (in-lb)	Misalignment			Max RPM	Weight (oz)	Torsional Stiffness (in-lb/deg)
			Min	Max				Axial (in)	Radial (in)	Angular			
LCSP.13	0.500	0.625	0.125"	5mm	0.272	M3x0.5	5	0.006	0.003	5°	10000	0.30	1.0
LCSP.25	1.000	1.000	6mm	0.437"	0.325	M4x0.7	20	0.008	0.005	5°	7500	0.50	8.3
LCSP.38	1.500	1.500	0.375"	16mm	0.525	M5x0.8	50	0.013	0.007	5°	5000	1.67	28
LCSP.51	2.000	2.000	0.500"	0.750"	0.625	M6x1.0	120	0.014	0.007	5°	3750	3.75	67
LCSP.63	2.500	2.500	0.625"	1.000"	0.750	M8x1.25	200	0.014	0.007	5°	3750	6.25	129

Example of part number with bore codes LCSP.51.4146 (size 51 short version with 5/8" x 19mm bores) Made in USA

SIZE	AVAILABLE BORES LCSP																													
	INCH												METRIC																	
	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	4	5	6	8	10	11	12	14	15	16	18	19	20	24	25	30	32	
13	.	.												.	.															
25			.	.	.										.	.	.	.												
38					.	.	.									.	.	.	.	.	.									
51						.	.	.									.	.	.	.	.	.								
63							.	.	.	.									.	.	.	.	.	.	.	.	.	.	.	
Code	16	19	24	27	31	36	41	47	50	53	55	57	14	20	22	28	32	33	35	38	40	42	45	46	48	51	52	56	58	

**Ondrives Servo-Beam™ should be your coupling choice:**  
 5° angular compensation  
 Zero backlash  
 Replace Bellows coupling, save up to 50%  
 Engineered polymer beams  
 Aluminum hubs  
 RPM up to 10,000  
 Torque to 200 in-lbs

**CAD files on our website**  
 On-Line Ordering Available  
**Made in USA**

Testing in your application is necessary. You will need to assess duty cycles and confirm suitability with your own calculations. All figures listed are to be used for guidance only.

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 516-771-6444

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 www.ondrivesus.com

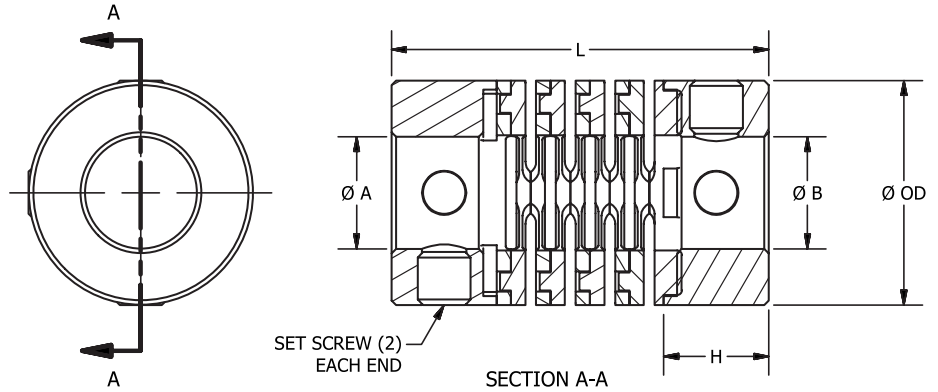
LCGP

# COUPLINGS

LCGP

## Servo-Beam™

Flexibility of a bellows coupling with torsional stiffness and strength of a disc coupling



Long version, 7° angular misalignment, engineered polymer beams, 6061 Aluminum hubs

Part Number	OD (in)	L (in)	Inch or Metric Bore		H (in)	Set Screw	Max Torque (in-lb)	Misalignment			Max RPM	Weight (oz)	Torsional Stiffness (in-lb/deg)
			Min	Max				Axial (in)	Radial (in)	Angular			
LCGP.13	0.500	0.850	0.125"	.250"	0.234	M3x0.5	5	0.008	0.005	7°	10000	0.55	1.0
LCGP.25	1.000	1.500	6mm	.500"	0.381	M4x0.7	20	0.012	0.008	7°	7500	0.93	8.3
LCGP.38	1.500	2.200	0.375"	.750"	0.548	M5x0.8	50	0.018	0.010	7°	5000	3.10	28
LCGP.51	2.000	2.750	0.500"	1.000"	0.639	M6x1.0	120	0.020	0.010	7°	3750	6.98	67
LCGP.63	2.500	3.250	0.625"	32mm	0.711	M8x1.25	200	0.020	0.010	7°	3750	11.63	129

SIZE	AVAILABLE BORES LCGP																												
	INCH														METRIC														
	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	4	5	6	8	10	11	12	14	15	16	18	19	20	24	25	30	32
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38					.	.	.	.								.	.	.	.	.	.	.	.	.	.	.	.	.	.
51						.	.	.	.	.							.	.	.	.	.	.	.	.	.	.	.	.	.
63							.	.	.	.	.	.						.	.	.	.	.	.	.	.	.	.	.	.
Code	16	19	24	27	31	36	41	47	50	53	55	57	14	20	22	28	32	33	35	38	40	42	45	46	48	51	52	56	58

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- 7° angular compensation
- Zero backlash
- Replace Bellows coupling, save up to 50%
- Engineered polymer beams
- Aluminum hubs
- RPM up to 10,000
- Torque to 200 in-lbs


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