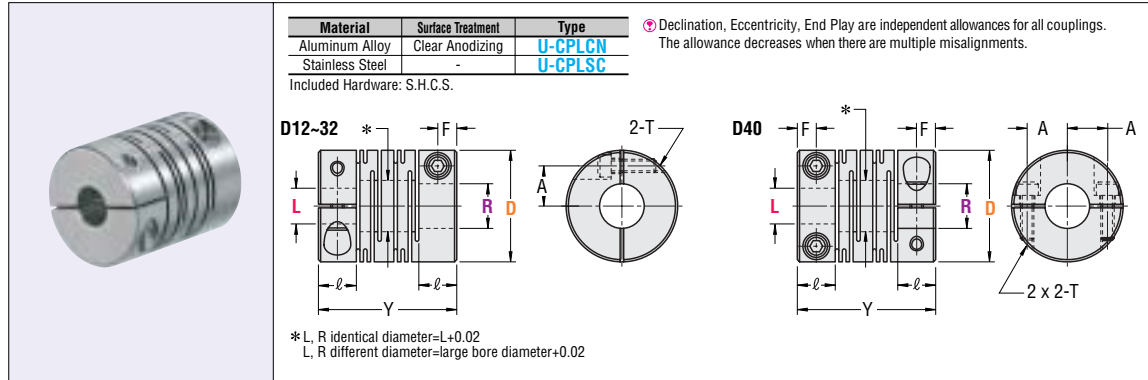


Couplings

-Slit-



The one-piece Slit Couplings are suitable for low to medium torque transmission applications. The actual misalignment and torque transmission capacities are dependent on its size and construction materials. This type has relatively smaller misalignment capacity compared to other flexible couplings but its zero-backlash characteristics are very beneficial.



Part No.	Type	D	L Selection				R Selection (Callout)											
			Callout (mm)	Diameter (in)	Inch Bore	Metric Bore	3/16	1/4	3/8	1/2	5/8	5mm	6mm	8mm	10mm	12mm	14mm	16mm
U-CPLCN (Aluminum)	12	0.472	in	3/16"	0.19	0.1875	0.19						5					
			mm	5mm	5	0.1969						5	6					
	16	0.630	in	1/4"	0.25	0.2500		0.25						8				
			mm	5mm	5	0.1969						5	6	8				
	20	0.787	in	1/4"	0.25	0.2500		0.25						8				
			mm	5mm	5	0.1969						5	6	8				
mm			6mm	6	0.2362							6	8					
mm			8mm	8	0.3150								8					
25	0.984	in	1/4"	0.25	0.2500		0.25	0.38					8	10				
		in	3/8"	0.38	0.3750			0.38					10					
		mm	6mm	6	0.2362			0.25	0.38				6	8	10			
		mm	8mm	8	0.3150				0.38				8	10				
32	1.260	in	3/8"	0.38	0.3750			0.38					10	12				
		mm	8mm	8	0.3150				0.38				8	10				
		mm	10mm	10	0.3937									10	12			
		mm	12mm	12	0.4724					0.50					12	14		
40	1.575	in	1/2"	0.50	0.5000				0.50						14			
		in	5/8"	0.63	0.6250					0.63						16		
		mm	12mm	12	0.4724					0.50					12	14		
		mm	14mm	14	0.5512						0.63					14	16	
			mm	16mm	16	0.6299									16			

Order Example The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No. **L** - **R**

Type **D**

U-CPLCN **12** - **L0.19** - **R5** (One End Inch Bore The Other End Metric Bore)

U-CPLCN **12** - **L0.19** - **R0.19** (Both Ends Inch Bore)

U-CPLCN **12** - **L5** - **R5** (Both Ends Metric Bore)

Technical Information

L, R				
Inch Bore				
Callout (in)	Nominal (in)	Dimension (in)	Tolerance (in)	
0.19	3/16	0.1875	0.1882	0.1875
0.25	1/4	0.2500	0.2509	0.2500
0.38	3/8	0.3750	0.3759	0.3750
0.50	1/2	0.5000	0.5011	0.5000
0.63	5/8	0.6250	0.6261	0.6250

L, R				
Metric Bore				
Callout (mm)	Metric Size	Dimension (in)	Tolerance (in)	
5	5mm	0.1969	0.1976	0.1969
6	6mm	0.2362	0.2369	0.2362
8	8mm	0.3150	0.3158	0.3150
10	10mm	0.3937	0.3946	0.3937
12	12mm	0.4724	0.4735	0.4724
14	14mm	0.5512	0.5522	0.5512
16	16mm	0.6299	0.6310	0.6299

L and R tolerance are verified before slit machining process.

D	Y	l	A	F	T (Clamping Bolts)	
					Size (mm)	Tightening Torque (lbf-in)
12	0.472	0.73	0.20	0.10	M2	4.43
16	0.630	0.91	0.26	0.13	M2.5	8.85
20	0.787	1.02	0.30	0.15	M2.5	8.85
25	0.984	1.22	0.33	0.17	M3	13.28
32	1.260	1.61	0.47	0.24	M4	22.13
40	1.575	2.20	0.67	0.33	M5	35.40

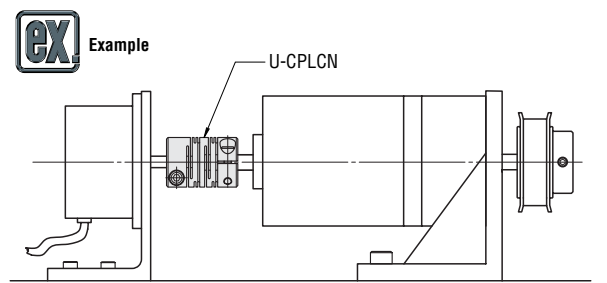
Part No.	Type	D (mm)	Operating Torque (lb-in)	Max. Torque (lb-in)	Max Rev. (rpm)	Allowed Misalignment			Torsional Stiffness (lb-in/deg)	Moment of Inertia (oz-in ²)	Mass (oz)
						Declination (deg)	Eccentricity (inch)	End Play (±inch)			
U-CPLCN (Aluminum)		12	1.77	3.54	12000	2	0.004	0.012	5.4	0.0043	0.13
		16	2.66	5.31	9500	2	0.004	0.016	7.3	0.0186	0.32
		20	4.43	8.85	7600	2	0.004	0.016	18.5	0.0498	0.56
		25	8.85	17.70	6100	2	0.006	0.020	26.3	0.1421	0.99
		32	17.70	35.40	4800	2	0.006	0.020	43.3	0.5303	2.26
U-CPLSC (Stainless)		12	2.66	5.31	12000	2	0.004	0.008	9.9	0.0120	0.35
		16	4.43	8.85	9500	2	0.004	0.012	13.1	0.0492	0.88
		20	8.85	17.70	7600	2	0.004	0.012	38.6	0.1367	1.52
		25	17.70	35.40	6100	2	0.006	0.016	51.0	0.3882	2.75
		32	30.98	61.96	4800	2	0.006	0.020	131.3	1.4761	6.00
	40	70.81	141.62	3800	2	0.008	0.020	154.5	4.9203	13.05	

Days to Ship

Standard 6 Days (Non-Returnable P.30)

Express 4 Days (Specify Express A) \$2.00/piece P.30

A flat charge of \$5.40 for 3 or more identical pieces.



Quantity Discount Rate

Quantity	1-4	5-9	10-19	20-
Rate	-	5%	10%	15%

For larger quantity orders "Days to Ship" may differ from published catalog term. P.29

D	\$ Unit Price (Qty. 1-4)	
	U-CPLCN	U-CPLSC
12	30.70	48.50
16	34.80	55.00
20	38.00	59.80
25	42.00	66.30
32	46.10	73.60
40	76.00	159.30

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