

Small Cross-Shaft Universal Fixed Pin Coupling



Please order according to the diagram

①-③ Select the type and parameters in the order of for ordering.

Model (①Code ②D) - ③d
FNCAD12 - **d6**



Discounted Price
 Quantity 1-9 10-
 Price 100% Separate Quotation
 Price Excluding Tax (Yen)



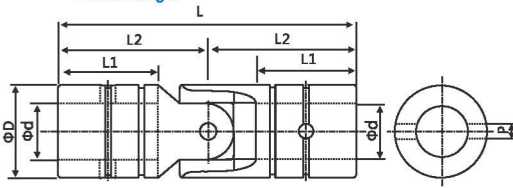
CAD 2D 3D

Code	Number of sections	Type	Material	Surface Treatment	Accessories
			Main Body		
FNCAD	Single	Fixed pin type	40Cr	Black Oxide Finish	2 fixed pins, 2 retaining rings
FNCBD	Pair				

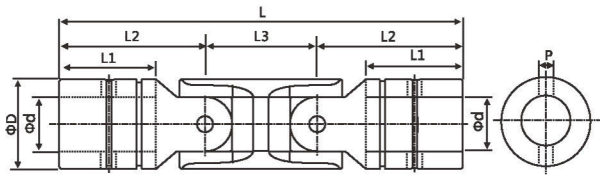
Features

- Suitable for transmission applications connecting two axes with an angle $\beta \leq 30^\circ$ on the same plane in space, transmitting nominal torques ranging from 5.3 to 795N.m.
- The maximum angular misalignment between each section is 30° .
- Allows the angle between the two axes to vary within a limited range based on operational requirements.

FNCAD Single



FNCBD Pair



① Code	② ΦD	③ Φd	L	L1	L2	P	Allowable Rotational Speed (RPM)	Allowable operating angle (°)	Allowable Torque (N.m)	Weight (g)
FNCAD Single	12	6	31	9	15.5	3	1800	30	5.3	15
	16	8	36	9	18	3.5	1500	30	12	33
	20	10	42	10	21	4.5	1300	30	26	55
	23	12	52	14	26	5	1100	30	45	110
	25	14	59	16	29.5	6	1000	30	71	155
	28	14	60	15	30	6	1000	30	95	185
	32	16	82	23	41	6	900	30	132	240
	36	18	87	25	43.5	8	800	30	175	320
	42	20	94	25	47	8	700	30	252	510
	45	22	95	22	47.5	10	700	30	332	625
	50	25	108	26	54	10	600	30	495	800
	58	30	122	29	61	12	550	30	795	1100

① Code	② ΦD	③ Φd	L	L1	L2	L3	P	Allowable Rotational Speed (RPM)	Allowable operating angle (°)	Allowable Torque (N.m)	Weight (g)
FNCBD Pair	16	8	58	9	18	22	3.5	1500	30	9.2	48
	20	10	68	10	21	26	4.5	1300	30	24	95
	23	12	83	14	26	31	5	1100	30	33	180
	25	14	94	16	29.5	35	6	1000	30	49	250
	28	14	101	15	30	41	6	1000	30	78	360
	32	16	125	23	41	43	6	900	30	98	450
	36	18	132	25	43.5	45	8	800	30	130	560
	42	20	149	25	47	55	8	700	30	189	720
	45	22	150	22	47.5	55	10	700	30	249	845
	50	25	173	26	54	65	10	600	30	363	1000
	58	30	200	29	61	78	12	550	30	595	1430