

Brackets for Cam Followers

L-Shaped / Standard

Features: Available for Cam Followers with plastic or urethane. dH7 is made to fit with Cam Follower's shaft diameter.

Brackets for Cam Followers – L-Shaped

Type	Material	Surface Treatment
CMFLB	1045 Carbon Steel or Equivalent	Black Oxide
CMFL	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
CMFLS	304 Stainless Steel	—

Part Number Type	d	h 1 mm Increment	H	T	L ₁	L	W	W ₁	d ₁
CMFL	6	17-32	h+6	10	19	29	22	15	
CMFLS	8	20-38	h+7	12	22	32	24	17	
	10	25-52	h+10	12	29	42	28	20	
	12	28-64	h+11	12	31	47	28	20	

Part Number Example: **CMFLB8 - 30**

Brackets for Cam Followers – Standard

Type	Material	Surface Treatment
CMFB	1045 Carbon Steel or Equivalent	Black Oxide
CMF	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
CMFS	304 Stainless Steel	—

Part Number Type	d	h 1 mm Increment	H	T	L ₁	L	d ₁	d ₂	t
CMF	8	15-30	h+7	12	26	42	9.5	5.5	6.5
CMFS	10	20-35	h+10	12	28	44	11	6.5	11
	12	20-40	h+11	12	28	44	11	6.5	11

Part Number Example: **CMFB8 - 25**

Brackets for Cam Followers

CFBRA

Application Example

Material: 5052 Aluminum Alloy
Surface Treatment: Clear Anodize

Part Number Type	D _{H7}	A 1 mm Increment	a ₁	a ₂	B	b ₁	b ₂	G	N	T	Mounting Screws Sizes	C	(J)
	6	31-60	9	6	27	6.5	14	16	7	8	M6	8.5	
	8	40-80	11.5	7.5	34	8.5	17	21	9.5	10	M8	12	
	10	49-100	14	8	44	11	22	26	11.5	12	M10	16	
	12	58-120	17	12	48	12	24	32	13.5	12	M12	17	
	16	79-160	21	14.5	66	17	32	41	17.5	15	M16	25	

Part Number Example: **CFBRA5 - 37**

Roller Followers

Separate / Solid Type

Roller Followers – Separate Type

Grease	No Seal		With Seal		Material	D	Tolerance
	Crown	Flat	Crown	Flat			
General	NASTR	NASTF	NASTZ	NASTFZ	52100 Bearing Steel or Equivalent	19-30	0 -0.009
Low Dust Raise	—	NASTFS	NASTZS	NASTFZS	440C Stainless Steel	32	0 -0.011

No Seal Crown

Flat

With Seal Crown

Flat

Operating Temperature: 80°C or Less

No Seal kgf=Nx0.101972

Part Number Type	d	D	dr	B	B ₁	r	r ₁	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating Co (kN)	Track Load Capacity (kN)		Max. Rotational Speed (rpm)	Mass (g)	Available Sizes		
										NASTZ	NASTF			NASTF	NASTFS	NASTR
Crowned NASTR	6	19	10	9.8	10	0.5	—	4.12	4.55	1.37	3.53	20000	17.8	•	•	•
	8	24	12					5.68	5.89	1.86	4.02	17000	28	•	•	•
	10	30	14	9.70	9.67			2.45	5.59	15000	50	•	•	•		
	12	32	16	10.4	10.9			2.74	5.98	13000	58	•	•	•		
	15	35	20	12.3	14.3			3.14	—	10000	62	—	—	—		
	17	40	22	17.4	20.9			3.72	—	9500	110	—	—	—		
20	47	25	19.2	24.5	4.61	—	8500	155	—	—	—					

With Seal kgf=Nx0.101972

Part Number Type	d	D	a	B	B ₁	e	f	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating Co (kN)	Track Load Capacity (kN)		Rotational Speed Limit (rpm)	Mass (g)	Available Sizes		
										NASTZ (Crowned)	NASTFZ (Flat)			NASTFZ	NASTFZS	NASTZS
Crowned NASTZ	6	19	14	13.8	14	2.5	0.8	4.12	4.55	1.37	3.53	8000	24.5	•	•	•
	8	24	17.5					5.68	5.89	1.86	4.51	6800	39	•	•	•
	10	30	23.5	9.70	9.67			2.45	6.86	6000	65	•	•	•		
	12	32	25.5	10.4	10.9			2.74	7.35	5200	75	•	•	•		
	15	35	29.0	12.3	14.3			—	8.04	4000	83	•	—	—		
	17	40	32.5	17.4	20.9			—	11.8	3800	135	•	—	—		
20	47	38.0	19.2	24.5	—	13.8	3400	195	•	—	—					

Roller Followers – Solid Type

Grease	No Seal		With Seal		Material
	Crowned	High Load Crowned	Crowned	High Load Crowned	
Regular	NARTU	NARTV	NARTU	NARTV	52100 Bearing Steel or Equivalent
Low Particle Generation	NARTS	—	NARTUS	NARTVS	440C Stainless Steel

No Seal Crowned

High Load Crowned

With Seal Crowned

High Load Crowned

No Seal kgf=Nx0.101972

Part Number Type	d	D	a	B	B ₁	r	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating Co (kN)	Track Load Capacity (kN)	Max. Rotational Speed (rpm)	Mass (g)			
												Crowned NARTU	5	16
NARTS	6	19	14	3.33	7.58	3.35	10.2	1.37	20000	8700	21			
High Load Crowned NARTV	8	24	17.5	5.68	11.7	5.89	15.6	1.86	17000	7000	42			
	10	30	23.5	7.94	15.8	7.59	18.5	2.45	15000	5700	66			
	12	32	25.5	8.53	17.0	8.44	21.0	2.74	13000	5200	73			
	17	40	32.5	17.4	32.0	19.3	46.6	3.72	3800	1560	149			
	20	47	38.0	19.2	41.7	30.6	67.7	7.15	3200	1360	250			

With Seal kgf=Nx0.101972

Part Number Type	d	D	a	B	B ₁	r	Basic Dynamic Load Rating	Basic Static Load Rating	Track Load Capacity (kN)	Rotational Speed Limit (rpm)	Mass (g)	Available Types							
												NARTU	NARTV	NARTU	NARTV	NARTU	NARTUS	NARTUC	NARTV
Crowned NARTU	5	16	12	11	12	0.5	2.84	6.46	2.65	7.81	1.08	10000	4200	14.5	15.1	•	•	•	•
	6	19	14				3.33	7.58	3.35	10.2	1.37	8000	3480	20.5	21.5	•	•	•	•
	8	24	17.5	5.68	11.7		5.89	15.6	1.86	6800	2800	41.5	42.5	•	•	•	•		
	10	30	23.5	7.94	15.8		7.59	18.5	2.45	6000	2280	64.5	66.5	•	•	•	•		
	12	32	25.5	8.53	17.0		8.44	21.0	2.74	5200	2080	71	73	•	•	•	•		
	15	35	29.0	13.7	25.3		16.4	36.9	3.14	4000	1720	102	106	•	•	•	•		
17	40	32.5	17.4	32.0	19.3	46.6	3.72	3800	1560	149	155	•	•	•	•				
20	47	38.0	19.2	41.7	30.6	67.7	7.15	3200	1360	250	255	•	•	•	•				

Part Number Example: **NASTR8 NASTF8**