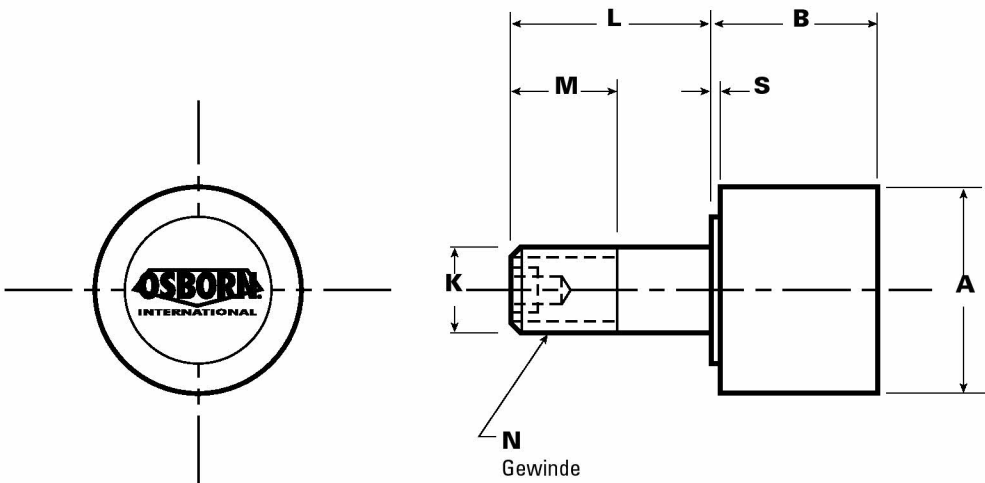
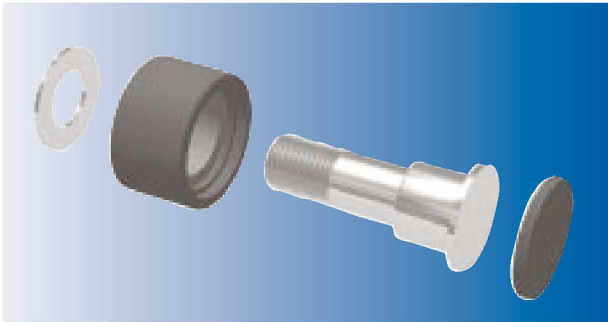


Cam Runner™

- composite outer
- stainless steel shaft
- wet environments



includes jam nut
and lock washer



Part No.	EDP No.	A	B	K	L	N	M	S	Static Capacity (N)
		Roller Dia.	Roller Width	Stud Dia.	Stud Length	Thread	Thread Length	Shoulder Length	
MPCR-13	097 904-9907	13	10	5	13	M5	7,5	0,6	490
MPCR-16	097 905-9907	16	11,6	6	16	M6	9	0,6	1020
MPCR-19	097 906-9907	19	13,3	8	20	M8	11	0,6	3100
MPCR-22	097 907-9907	22	13,3	10	23	M10x1	12	0,6	3100
MPCR-26	097 908-9907	26	16,5	10	23	M10x1	12	0,6	3870
MPCR-30	097 909-9907	30	19,6	12	25	M12x1,5	14	0,6	3870
MPCR-32	097 910-9907	32	19,6	12	25	M12x1,5	14	0,6	4890
MPCR-35	097 911-9907	35	19,8	16	32,5	M16x1,5	18	0,8	4890
MPCR-40	097 912-9907	40	23	18	36,5	M18x1,5	19	0,8	8000

Metric
 Sizes (mm)



Part No.	EDP No.	A	B	K	L	N	M	S	Dynamic Capacity (Lbs)
		Roller Dia.	Roller Width	Stud Dia.	Stud Length	Fine Thread	Thread Length	Shoulder Length	
PCR-1/2	096 959-9907	1/2"	3/8"	3/16"	5/8"	10-32	1/4"	1/32"	110
PCR-9/16	096 960-9907	9/16"	3/8"	3/16"	5/8"	10-32	1/4"	1/32"	110
PCR-5/8	096 961-9907	5/8"	7/16"	1/4"	3/4"	1/4-28	5/16"	1/32"	230
PCR-11/16	096 962-9907	11/16"	7/16"	1/4"	3/4"	1/4-28	5/16"	1/32"	230
PCR-3/4	096 963-9907	3/4"	1/2"	3/8"	7/8"	3/8-24	3/8"	1/16"	700
PCR-7/8	096 964-9907	7/8"	1/2"	3/8"	7/8"	3/8-24	3/8"	1/16"	700
PCR-1	096 965-9907	1"	5/8"	7/16"	1"	7/16-20	1/2"	1/16"	870
PCR-1-1/8	096 966-9907	1-1/8"	5/8"	7/16"	1"	7/16-20	1/2"	1/16"	870
PCR-1-1/4	096 967-9907	1-1/4"	3/4"	1/2"	1-1/4"	1/2-20	5/8"	1/16"	1100
PCR-1-3/8	096 968-9907	1-3/8"	3/4"	1/2"	1-1/4"	1/2-20	5/8"	1/16"	1100
PCR-1-1/2	096 969-9907	1-1/2"	7/8"	5/8"	1-1/2"	5/8-18	3/4"	1/16"	1800
PCR-1-5/8	096 970-9907	1-5/8"	7/8"	5/8"	1-1/2"	5/8-18	3/4"	1/16"	1800

Osborn Cam Runners are significantly different from conventional needle bearing style cam followers. This product is protected by U. S. patent and other patents pending

General Characteristics

Cam Runners are manufactured with a composite synthetic tread and stainless steel stud. The composite treads consists of two different synthetic materials chosen to provide optimal characteristics for the outer wear surface and the inner bearing surface. The two synthetic parts are molded together to form a single mechanically bonded assembly that is mounted on the stud, eliminating the need for conventional seals and lubricants. The outer tread material offers high mechanical strength while the inner bearing material provides high lubricity.

The stud provides optimum life and corrosion resistance when used with the Cam Runner tread and bearing assembly. Bearing wear is critically dependent on the hardness of the mating surface. When this assembly is used as a direct replacement for a conventional cam follower, the life will be optimized if the cam or other mating surface is within the range of 55 - 60 RC.

Softer or harder materials may result in decreased life, particularly under high loads. The mating surface must be free of grease, oil and abrasive contaminants.

This assembly is dimensionally a direct replacement for conventional steel cam followers. Because of its unique construction, comparable load ratings are not applicable. In order to guide you in choosing applications, extensive testing has been utilized to develop life expectancies based upon continuous duty testing at various speeds and loads. In continuous duty operation under identical loads and speeds, the Cam Runner has been found to outlast conventional steel cam followers by an average of 10 times!

Bearing to stud clearance is greater than for needle bearing designs and will increase during early use and will stabilize after „wearing in“. Adjustment after a suitable break-in period is recommended where such a clearance may affect other aspects of the operation.

Advantages

- No lubrication required – ever!
- Non sparking and low electrical conductivity
- Thrust load tolerant
- Extended life ideal for difficult-to-service-operations
- No lubricant leakage to contaminate your process
- Quiet operation resulting from no internal moving parts
- Wide range of operating temperatures
- Manufactured under ISO 9001 certified quality system

Not recommended for ambient temperatures above 250° F, highly abrasive applications or repeated heavy shock loads.

Inch
 Sizes