

simplicity[®]

Small Diameter Metric Linear Shafting

Long, straight, hard, shafting
from 3mm to 10mm up
to 6 meters.

NEW!

SHIP FROM STOCK!



FEATURES & BENEFITS

- >> Hardened & ground carbon steel, 300/400 stainless steel and ceramic coated aluminum
- >> Special machining available - pre-drilled & tapped shafting
- >> Random or cut-to-lengths
- >> Suitable for all linear bearing applications

For more product information visit
www.pacific-bearing.com

SMOOTH & QUIET LINEAR MOTION™



RC60 STEEL SHAFTING

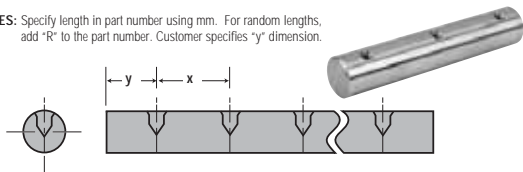
- RC60 case hardened steel
- Polished for optimum surface finish



PART NO.	NOMINAL SIZE	DIAMETER TOLERANCE CLASS "M"		LENGTH in m"	HARDNESS DEPTH	WEIGHT (kg/m)
	(mm)	MIN.	MAX.	MAX.	MIN. (mm)	
NIM03-xx	3	2.991	3	6.4	1.0	0.06
NIM04-xx	4	3.991	4	6.4	1.0	0.1
NIM05-xx	5	4.991	5	6.4	1.0	0.15
NIM06-xx	6	5.991	6	6.4	1.0	0.23
NIM08-xx	8	7.991	8	6.4	1.0	0.39
NIM10-xx	10	9.991	10	6.4	1.0	0.62

PRE-DRILLED & TAPPED RC60 STEEL

NOTES: Specify length in part number using mm. For random lengths, add "R" to the part number. Customer specifies "y" dimension.



PART NO.	NOMINAL SIZE	DIAMETER TOLERANCE CLASS "M"	HOLE SPACING		THREAD	MAX. LENGTH (m)	WEIGHT (kg/m)
	(mm)	(µm)	x	y			
NIPDM08-xx	8	+0/-9	101.6	50.8	M2 x .4	5.0	0.39
NIPDM10-xx	10	+0/-9	101.6	50.8	M3 x .5	5.0	0.62

400 SERIES STAINLESS STEEL SHAFTING

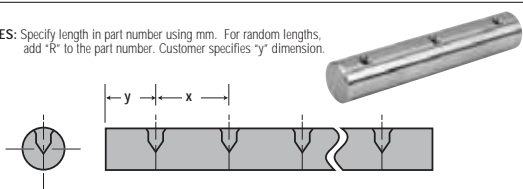
- Suitable for linear ball bearings
- Available cut-to-length or in full random lengths
- Tolerance of +/- .79375



PART NO.	NOMINAL SIZE	DIAMETER TOLERANCE CLASS "M"	MAX. LENGTH	HARDNESS DEPTH	WEIGHT (kg/m)
	(mm)	(µm)	(m)	MAX.	
NIM03SS-xx	3	+0/-8	5.0	1.0	0.06
NIM04SS-xx	4	+0/-8	5.0	1.0	0.10
NIM05SS-xx	5	+0/-8	5.0	1.0	0.15
NIM06SS-xx	6	+0/-8	5.0	1.0	0.23
NIM08SS-xx	8	+0/-9	5.0	1.0	0.39
NIM10SS-xx	10	+0/-9	5.0	1.0	0.62

PRE-DRILLED & TAPPED 400 SERIES STAINLESS STEEL

NOTES: Specify length in part number using mm. For random lengths, add "R" to the part number. Customer specifies "y" dimension.



PART NO.	NOMINAL SIZE	DIAMETER TOLERANCE CLASS "M"	HOLE SPACING		THREAD	MAX. LENGTH (m)	WEIGHT (kg/m)
	(mm)	(µm)	x	y			
NIPDMSS08-xx	8	+0/-9	101.6	50.8	M2 x .4	5.0	0.39
NIPDMSS10-xx	10	+0/-9	101.6	50.8	M3 x .5	5.0	0.62

CERAMIC COATED ALUMINUM SHAFTING

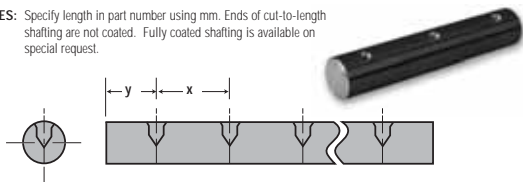
- RC70 ceramic coated finish
- Designed to run with Simplicity FrelonGOLD® lined bearings
- Non-magnetic and vibration resistant
- Interchanges with standard pre-drilled shafting
- Weld splatter, paints, contaminants will not stick



PART NO.	NOMINAL SIZE	DIAMETER TOLERANCE CLASS "M"	MAX. LENGTH	WEIGHT (kg/m)
	(mm)	(µm)	(m)	
CCM03-xx	3	+0/-8	3.7	0.01
CCM04-xx	4	+0/-8	3.7	0.02
CCM05-xx	5	+0/-8	3.7	0.03
CCM06-xx	6	+0/-8	3.7	0.04
CCM08-xx	8	+0/-9	3.7	0.07
CCM10-xx	10	+0/-9	3.7	0.10

PRE-DRILLED & TAPPED CERAMIC COATED ALUMINUM

NOTES: Specify length in part number using mm. Ends of cut-to-length shafting are not coated. Fully coated shafting is available on special request.



PART NO.	NOMINAL SIZE	DIAMETER TOLERANCE CLASS "M"	HOLE SPACING		THREAD	MAX. LENGTH (m)	WEIGHT (kg/m)
	(mm)	(µm)	x	y			
CCMDL08-xx	8	+0/-9	101.6	50.8	M2 x .4	3.7	0.07
CCMDL10-xx	10	+0/-9	101.6	50.8	M3 x .5	3.7	0.10

FOR MORE TECHNICAL INFORMATION, SIZES AND CONFIGURATIONS VISIT www.pacific-bearing.com

The data and specifications in this publication have been carefully compiled and are believed to be accurate and correct. However, it is the responsibility of the user to determine and ensure the suitability of Pacific Bearing® products for a specific application. Pacific Bearing's only obligation will be to repair or replace without charge, any defective components if returned promptly. No liability is assumed beyond such replacement. *Consult www.pacific-bearing.com for the latest technical updates. Specifications are subject to change without notice.

simplicity®



mini rail



Hevi-Rail®
Heavy Duty Bearing Systems



redi-rail®



dolphin guides®

