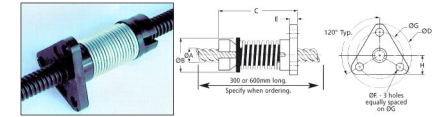




MBA

Leadscrew Assemblies - Precision - Anti-Backlash



Utilises a patented self-lubricating polyacetal nut radially preloaded on a 303 stainless screw.

Nut: Self-lubricating Acetal / Leadscrew: 303 Stainless Steel with TFE extended life coating.

Positional Repeatability: 0.0013mm.

Lead Accuracy: 0.0006mm/mm.

Designed for operations requiring precise positional accuracy and repeatability.

Ideally suited for vertical applications requiring noise or vibration control.

This catalogue to be read in conjunction with information at http://www.minibearings.com.au/ogue/tech/leadscrew/leadscrew_tech.pdf

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm <i>inches</i>	Nut (ØB) mm <i>inches</i>	Nut Length (C) mm <i>inches</i>	Flange (ØD/E) mm <i>inches</i>	Mount Hole (ØF) mm <i>inches</i>	Bolt (ØG) mm <i>inches</i>	Design Load kg	Root Ø	Length mm <i>inches</i>
# ZBX4M01A	1	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.82	300 <i>11.811</i>
# ZBX4M02A	1	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.32	300 <i>11.811</i>
# ZBX4M01B	1	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.82	600 <i>23.622</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm <i>inches</i>	Nut (ØB) mm <i>inches</i>	Nut Length (C) mm <i>inches</i>	Flange (ØD/E) mm <i>inches</i>	Mount Hole (ØF) mm <i>inches</i>	Bolt (ØG) mm <i>inches</i>	Design Load kg	Root Ø	Length mm <i>inches</i>
# ZBX4M02B	1	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.32	600 <i>23.622</i>
# ZBX6M02A	1	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.76	300 <i>11.811</i>
# ZBX6M01.4B	1	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	7.69	600 <i>23.622</i>
# ZBX6M01.4A	1	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	7.69	300 <i>11.811</i>
# ZBX6M02B	1	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.76	600 <i>23.622</i>
# KHD6M01.4B	1	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.84	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	7.69	600 <i>23.622</i>
# KHD6M02B	1	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.86	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.76	600 <i>23.622</i>
# KHD6M02A	1	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.85	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.76	300 <i>11.811</i>
# KHD6M01.4A	1	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.83	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	7.69	300 <i>11.811</i>
# ZBX7M02A	1	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	9.43	300 <i>11.811</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm <i>inches</i>	Nut (ØB) mm <i>inches</i>	Nut Length (C) mm <i>inches</i>	Flange (ØD/E) mm <i>inches</i>	Mount Hole (ØF) mm <i>inches</i>	Bolt (ØG) mm <i>inches</i>	Design Load kg	Root Ø	Length mm <i>inches</i>
# ZBX7M02B	1	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	9.43	600 <i>23.622</i>
# ZBX8M02.5A	1	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.65	300 <i>11.811</i>
# ZBX8M02.5B	1	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.65	600 <i>23.622</i>
# ZBX4M03A	2	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.32	300 <i>11.811</i>
# ZBX4M03B	2	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.32	600 <i>23.622</i>
# ZBX6M04B	2	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.96	600 <i>23.622</i>
# ZBX6M05A	2	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.76	300 <i>11.811</i>
# ZBX6M04A	2	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.96	300 <i>11.811</i>
# ZBX6M05B	2	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.76	600 <i>23.622</i>
# KHD6M05A	2	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.89	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.76	300 <i>11.811</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm <i>inches</i>	Nut (ØB) mm <i>inches</i>	Nut Length (C) mm <i>inches</i>	Flange (ØD/E) mm <i>inches</i>	Mount Hole (ØF) mm <i>inches</i>	Bolt (ØG) mm <i>inches</i>	Design Load kg	Root Ø	Length mm <i>inches</i>
# KHD6M05B	2	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.90	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.76	600 <i>23.622</i>
# KHD6M04B	2	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.88	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.98	600 <i>23.622</i>
# KHD6M04A	2	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.87	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.98	300 <i>11.811</i>
# ZBX7M03A	2	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.82	300 <i>11.811</i>
# ZBX7M05B	2	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.95	600 <i>23.622</i>
# ZBX7M06A	2	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.95	300 <i>11.811</i>
# ZBX7M03B	2	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.82	600 <i>23.622</i>
# ZBX7M06B	2	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.95	600 <i>23.622</i>
# ZBX7M05A	2	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.95	300 <i>11.811</i>
# ZBX8M05B	2	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.27	600 <i>23.622</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm <i>inches</i>	Nut (ØB) mm <i>inches</i>	Nut Length (C) mm <i>inches</i>	Flange (ØD/E) mm <i>inches</i>	Mount Hole (ØF) mm <i>inches</i>	Bolt (ØG) mm <i>inches</i>	Design Load kg	Root Ø	Length mm <i>inches</i>
# ZBX8M04A	2	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.75	300 <i>11.811</i>
# ZBX8M04B	2	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.75	600 <i>23.622</i>
# ZBX8M05A	2	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.27	300 <i>11.811</i>
# ZBX7M10A	4	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.95	300 <i>11.811</i>
# ZBX7M12B	4	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	8.26	600 <i>23.622</i>
# ZBX7M10B	4	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	7.95	600 <i>23.622</i>
# ZBX7M12A	4	11.11 <i>0.437</i>	20.32 <i>0.800</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	7	8.26	300 <i>11.811</i>
# ZBX8M10B	4	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.19	600 <i>23.622</i>
# ZBX8M10A	4	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.19	300 <i>11.811</i>
# ZBX4M10B	5	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.32	600 <i>23.622</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm <i>inches</i>	Nut (ØB) mm <i>inches</i>	Nut Length (C) mm <i>inches</i>	Flange (ØD/E) mm <i>inches</i>	Mount Hole (ØF) mm <i>inches</i>	Bolt (ØG) mm <i>inches</i>	Design Load kg	Root Ø	Length mm <i>inches</i>
# ZBX4M10A	5	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.57	3.63 <i>0.143</i>	19.05 <i>0.750</i>	2	4.32	300 <i>11.811</i>
# ZBX6M12A	5	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	7.29	300 <i>11.811</i>
# ZBX6M12B	5	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	7.29	600 <i>23.622</i>
# KHD6M12B	5	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.92	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	7.29	600 <i>23.622</i>
# KHD6M12A	5	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.91	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	7.29	300 <i>11.811</i>
# ZBX6M25B	8	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.60	600 <i>23.622</i>
# ZBX6M25A	8	9.53 <i>0.375</i>	17.78 <i>0.700</i>	48.26 <i>1.900</i>	38.1 / 4.57	5.08 <i>0.200</i>	28.58 <i>1.125</i>	5	6.60	300 <i>11.811</i>
# KHD6M25A	8	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.93	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.60	300 <i>11.811</i>
# KHD6M25B	8	9.53 <i>0.375</i>	20.32 <i>0.800</i>	50.80 <i>2.000</i>	38.1 / 4.94	5.08 <i>0.200</i>	28.58 <i>1.125</i>	10	6.60	600 <i>23.622</i>
# ZBX8M25B	8	12.70 <i>0.500</i>	22.61 <i>0.890</i>	50.80 <i>2.000</i>	41.15 / 6.6	5.08 <i>0.200</i>	31.75 <i>1.250</i>	11	9.45	600 <i>23.622</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Leadscrew Assemblies - Precision - Anti-Backlash

Part Number	No. of Starts	Screw (ØA) mm	Nut (ØB) mm	Nut Length (C) mm	Flange (ØD/E) mm	Mount Hole (ØF) mm	Bolt (ØG) mm	Design Load kg	Root Ø	Length mm
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>
# ZBX8M25A	8	12.70	22.61	50.80	41.15 / 6.6	5.08	31.75	11	9.45	300
		<i>0.500</i>	<i>0.890</i>	<i>2.000</i>		<i>0.200</i>	<i>1.250</i>			<i>11.811</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.



DISTRIBUTED BY

Ask us to put your name and address here

<http://www.minibearings.com.au/product>

Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to catalogues@minibearings.com.au

