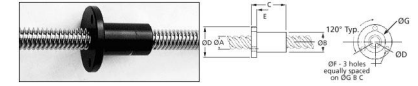


MBA

Leadscrew Assemblies - General Purpose



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

Positional Repeatability: 0.0013mm.

Lead Accuracy: 0.0006mm/mm.

For applications not requiring anti-backlash and wear compensation.

The secure mounting and convenience of a circular flange is standard on the B nuts.

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

Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B4M03B	2 / 3.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.32	600 <i>23.622</i>
# B4M03A	2 / 3.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.32	300 <i>11.811</i>
# B6M04A	2 / 4.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	6.96	300 <i>11.811</i>

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Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B6M05A	2 / 5.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	6.76	300 <i>11.811</i>
# B6M04B	2 / 4.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	6.96	600 <i>23.622</i>
# B6M05B	2 / 5.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	6.76	600 <i>23.622</i>
# B7M03B	2 / 3.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.82	600 <i>23.622</i>
# B7M06B	2 / 6.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.95	600 <i>23.622</i>
# B7M06A	2 / 6.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.95	300 <i>11.811</i>
# B7M03A	2 / 3.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.82	300 <i>11.811</i>
# B7M05B	2 / 5.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.95	600 <i>23.622</i>
# B7M05A	2 / 5.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.95	300 <i>11.811</i>
# B8M05B	2 / 5.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.27	600 <i>23.622</i>

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Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B8M04A	2 / 4.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.75	300 <i>11.811</i>
# B8M04B	2 / 4.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.75	600 <i>23.622</i>
# B8M05A	2 / 5.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.27	300 <i>11.811</i>
# B12M05A	2 / 5.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.85	300 <i>11.811</i>
# B12M05B	2 / 5.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.85	600 <i>23.622</i>
# B10M08B	3 / 8.00	15.88 <i>0.625</i>	22.23 <i>0.875</i>	38.10 <i>1.500</i>	38.1 / 6.35	5.16 <i>0.203</i>	30.18 <i>1.188</i>	100	12.52	600 <i>23.622</i>
# B10M08A	3 / 8.00	15.88 <i>0.625</i>	22.23 <i>0.875</i>	38.10 <i>1.500</i>	38.1 / 6.35	5.16 <i>0.203</i>	30.18 <i>1.188</i>	100	12.52	300 <i>11.811</i>
# B7M12A	4 / 12.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	8.26	300 <i>11.811</i>
# B7M12B	4 / 12.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	8.26	600 <i>23.622</i>
# B7M10A	4 / 10.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.95	300 <i>11.811</i>

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Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B7M10B	4 / 10.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	7.95	600 <i>23.622</i>
# B8M10A	4 / 10.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.19	300 <i>11.811</i>
# B8M10B	4 / 10.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.19	600 <i>23.622</i>
# B12M10A	4 / 10.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.72	300 <i>11.811</i>
# B12M10B	4 / 10.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.72	600 <i>23.622</i>
# B14M06B	4 / 6.00	22.23 <i>0.875</i>	38.10 <i>1.500</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	47.63 <i>1.875</i>	227	18.97	600 <i>23.622</i>
# B14M06A	4 / 6.00	22.23 <i>0.875</i>	38.10 <i>1.500</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	47.63 <i>1.875</i>	227	18.97	300 <i>11.811</i>
# B4M10A	5 / 10.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.32	300 <i>11.811</i>
# B4M10B	5 / 10.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.32	600 <i>23.622</i>
# B6M12B	5 / 12.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	7.29	600 <i>23.622</i>

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Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B6M12A	5 / 12.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	7.29	300 <i>11.811</i>
# B12M15A	5 / 15.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.75	300 <i>11.811</i>
# B12M15B	5 / 15.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.75	600 <i>23.622</i>
# B12M19A	6 / 19.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	-	300 <i>11.811</i>
# B6M25B	8 / 2.50	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	38.1 / 4.75	5.16 <i>0.203</i>	23.23 <i>0.915</i>	35	6.60	600 <i>23.622</i>
# B6M25A	8 / 2.50	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	38.1 / 4.75	5.16 <i>0.203</i>	23.23 <i>0.915</i>	35	6.60	300 <i>11.811</i>
# B8M25B	8 / 25.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.45	600 <i>23.622</i>
# B8M25A	8 / 25.00	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.45	300 <i>11.811</i>
# B14M24A	8 / 24.00	22.23 <i>0.875</i>	38.10 <i>1.500</i>	50.80 <i>2.000</i>	50.8 / 3.56	5.16 <i>0.203</i>	47.63 <i>1.875</i>	227	19.05	300 <i>11.811</i>
# B14M24B	8 / 24.00	22.23 <i>0.875</i>	38.10 <i>1.500</i>	50.80 <i>2.000</i>	50.8 / 3.56	5.16 <i>0.203</i>	47.63 <i>1.875</i>	227	19.05	600 <i>23.622</i>

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Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B12M24A	10 / 24.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	16.26	300 <i>11.811</i>
# B12M24B	10 / 24.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	16.26	600 <i>23.622</i>
# B12M50B	14 / 50.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.88	600 <i>23.622</i>
# B12M50A	14 / 50.00	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.88	300 <i>11.811</i>
# B4M02A	1 / 2.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.32	300 <i>11.811</i>
# B4M01B	1 / 1.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.82	600 <i>23.622</i>
# B4M02B	1 / 2.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.32	600 <i>23.622</i>
# B4M01.5A	1 / 1.50	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.37	300 <i>11.811</i>
# B4M01A	1 / 1.00	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.82	300 <i>11.811</i>
# B4M01.5B	1 / 1.50	6.35 <i>0.250</i>	12.70 <i>0.500</i>	25.40 <i>1.000</i>	25.4 / 4.75	3.56 <i>0.140</i>	19.05 <i>0.750</i>	20	4.37	600 <i>23.622</i>

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Leadscrew Assemblies - General Purpose

Part Number	No. of Starts / Lead No. / mm	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>
# B6M01.4A	1 / 1.40	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	7.69	300 <i>11.811</i>
# B6M01.4B	1 / 1.40	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	7.69	600 <i>23.622</i>
# B6M02A	1 / 2.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	6.76	300 <i>11.811</i>
# B6M02B	1 / 2.00	9.53 <i>0.375</i>	15.88 <i>0.625</i>	25.40 <i>1.000</i>	28.58 / 4.75	3.56 <i>0.140</i>	23.23 <i>0.915</i>	35	6.76	600 <i>23.622</i>
# B7M02B	1 / 2.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	9.43	600 <i>23.622</i>
# B7M02A	1 / 2.00	11.11 <i>0.437</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	40	9.43	300 <i>11.811</i>
# B8M02.5A	1 / 2.50	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.65	300 <i>11.811</i>
# B8M02.5B	1 / 2.50	12.70 <i>0.500</i>	19.05 <i>0.750</i>	38.10 <i>1.500</i>	38.1 / 4.75	5.16 <i>0.203</i>	28.58 <i>1.125</i>	68	9.65	600 <i>23.622</i>
# B12M2.5A	1 / 2.5	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.09	300 <i>11.811</i>
# B12M2.5B	1 / 2.5	19.05 <i>0.750</i>	28.58 <i>1.125</i>	50.80 <i>2.000</i>	50.8 / 6.35	5.16 <i>0.203</i>	36.53 <i>1.438</i>	160	15.09	600 <i>23.622</i>

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

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