

# Super Precision Ball Screw Support Bearing Interchange

# TIMKEN

When you choose Timken® bearings for your ball screw applications, you receive products made and backed by a global leader known for quality, reliability and performance. Quality begins long before our machine tool bearings are manufactured and extends long after they are installed. We design bearings for optimum performance and long life.

### Timken® bearings offer a variety of benefits.

- ABEC 9/ISO P2 axial running tolerances for higher accuracy
- Tighter preload tolerances for chatter-free cutting
- Tighter width tolerances for easy fit without regrinding end caps
- Pre-lubricated with high-performance grease
- Clean steel supports longer service life
- Broad availability for increased machine uptime

## Double-Row Ball Screw Support Bearing Interchange

Flanged Series	
INA	Timken
ZKLF1255-2RS	MMF512BS55PP DM
ZKLF1560-2RS	MMF515BS60PP DM
ZKLF1762-2RS	MMF517BS62PP DM
ZKLF2068-2RS	MMF520BS68PP DM
ZKLF2575-2RS	MMF525BS75PP DM
ZKLF3080-2RS	MMF530BS80PP DM
ZKLF3590-2RS	MMF535BS90PP DM
ZKLF40100-2RS	MMF540BS100PP DM
ZKLF50115-2RS	MMF550BS115PP DM
ZKLF50140-2RS	MMF550BS140PP DM
ZKLF60145-2RS	MMF560BS145PP DM

Non-flanged Series	
INA	Timken
ZKLN1242-2RS	MMN512BS42PP DM
ZKLN1545-2RS	MMN515BS45PP DM
ZKLN1747-2RS	MMN517BS47PP DM
ZKLN2052-2RS	MMN520BS52PP DM
ZKLN2557-2RS	MMN525BS57PP DM
ZKLN3062-2RS	MMN530BS62PP DM
ZKLN3572-2RS	MMN535BS72PP DM
ZKLN4075-2RS	MMN540BS75PP DM
ZKLN5090-2RS	MMN550BS90PP DM
ZKLN50110-2RS	MMN550BS110PP DM
ZKLN60110-2RS	MMN560BS110PP DM



# Ball Screw Support Bearing Interchange

Bore	O.D.	Width	TIMKEN	BARDEN	FAG	NSK	NTN	RHP	SKF	SNFA
mm	mm	mm								
12.000	32.000	10.000	MM12BS32	-	7602012-TVP	-	-	-	BSA 201	BS 212
15.000	35.000	11.000	MM15BS35	-	7602015-TVP	-	-	-	BSA 202	BS 215
17.000	47.000	15.000	MM17BS47	-	-	17TAC47 C10	BST17X47-1B	BSB 017047	-	-
20.000	47.000	15.000	MM20BS47	BSB2047	BSB020047-T	20TAC47 C10	BST20X47-1B	BSB 020047	BSD 2047	BS 20/47
20.000	47.000	15.875	MM9306WI2H	L078H	-	20TAC47X C11	BST20X47-2B	BSB 078	-	-
23.838	62.000	15.875	MM9308WI2H	L093H	-	23TAC62 C11	BST23.8X62-1B	BSB 093	-	-
25.000	52.000	15.000	MM25BS52	-	7602025-TVP	-	-	BSB 2025	BSA 205	BS 225
25.000	62.000	15.000	MM25BS62	BSB2562	BSB025062-T	25TAC62 C10	BST25X62-1B	BSB 025062	BSD 2562	BS 25/62
30.000	62.000	15.000	MM30BS62	BSB3062	BSB030062-T	30TAC62 C10	BST30X62-1B	BSB 030062	BSD 3062	BS 30/62
30.000	72.000	15.000	MM30BS72	-	-	-	-	BSB 030072	-	-
35.000	72.000	15.000	MM35BS72	BSB3572	BSB030572-T	35TAC72 C10	BST35X72-1B	BSB 035072	BSD 3572	BS 35/72
35.000	100.000	20.000	MM35BS100	-	-	-	-	BSB 035100	-	-
38.100	72.000	15.875	MM9310WI2H	L150H	-	38TAC72 C11	BST38.1X72-1B	BSB 150	-	-
40.000	72.000	15.000	MM40BS72	BSB4072	BSB040072-T	40TAC72 C10	BST40X72-1B	BSB 040072	BSD 4072	BS 40/72
40.000	90.000	15.000	MM40BS90	-	-	-	-	BSB 040090	-	-
40.000	90.000	20.000	MM40BS90-20	-	BSB040090-T	40TAC90 C10	BST40X90-1B	-	BSD 4090	BS 40/90
40.000	90.000	23.000	MM40BS90-23	-	7603040-TVP	-	-	-	BSA 308	BS 340
40.000	100.000	20.000	MM40BS100	-	-	-	-	BSB 040100	-	-
44.475	76.200	15.875	MM9311WI3H	L175H	-	44TAC76 C11	BST44.5X76.2-1B	BSB 175	-	-
45.000	75.000	15.000	MM45BS75	-	BSB045075-T	45TAC75 C10	BST45X75-1B	BSB 045075	BSD 4575	-
45.000	100.000	20.000	MM45BS100	-	BSB045100-T	45TAC100 C10	BST45X100-1B	BSB 045100	BSD 45100	BS 45/100
50.000	90.000	15.000	MM50BS90	-	-	-	-	BSB 050090	-	-
50.000	100.000	20.000	MM50BS100	-	BSB050100-T	50TAC100 C10	BST50X100-1B	BSB 050100	BSD 50100	BS 50/100
55.000	90.000	15.000	MM55BS90	-	BSB055090-T	55TAC90 C10	-	BSB 055090	-	-
55.000	120.000	20.000	MM55BS120	-	BSB055120-T	55TAC120 C10	BST55X120-1B	BSB 055120	BSD 55120	BS55/120
57.150	90.000	15.875	MM9313WI5H	L225H	-	57TAC90 C11	-	BSB 225	-	-
60.000	120.000	20.000	MM60BS120	-	BSB060120-T	60TAC120 C10	BST60X120-1B	BSB 060120	BSD 60120	BS 60/120
75.000	110.000	15.000	MM75BS110	-	BSB075110-T	-	-	BSB 075110	-	-
76.200	110.000	15.875	MM9316WI3H	L300H	-	76TAC110 C11	-	BSB 300	-	-
100.000	150.000	20.000	MM100BS150	-	-	-	-	BSB 100150	-	-
101.600	145.000	22.225	MM9321WI3	-	-	101TAC145 C11	-	BSB 400	-	-

**NOTE:**

The part numbers listed above are for comparison purposes only and denote basic sizes and features. Every reasonable effort has been made to ensure the accuracy of the information, but no liability is accepted for errors, omissions, or for any other reason. Additional codes are generally needed to specify mounting configurations, preload, and non-standard options. Contact Timken for further assistance with a more detailed comparison.



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.