



# TSM Rod end MBL-M12-DUNLOP - MBL-M12-DUNLOP

<https://www.123bearing.com/bearing-housing/rod-end/tsm/mb1-m12-dunlop>

MALE ROD ENDS 



**MB SERIES: MB - MBS - MB SS**

**Description:**  
MB Series is our 3-piece standard range of maintenance required general purpose male rod ends suitable for medium heavy industrial/mechanical load applications requiring low friction and good wear resistance, available in both metric and imperial bore and thread sizes. An oil impregnated sintered bronze race is also available for some sizes or if quantity justifies production, suitable for high precision motion transfer applications and extended wear life.

**Material Specifications:**  
Housing: Steel 230M07PB and forged 083M44, zinc plated and clear trivalent passivate and stainless steel 303L 304 Forged. Race: Bronze SAE660 and oil impregnated sintered bronze. Ball: Bearing steel 100Cr6, Case Hardened and electroless nickel plated and stainless steel 440C. Stud: Steel 230M07PB zinc plated and clear trivalent passivate and stainless steel 303L.

**Features:**  
Metric & imperial thread & bore sizes  
Low friction  
Self-lubricating option available  
Extended wear life  
Maintenance required  
Studded option

**Possible Applications:**  
Medium/heavy industrial/mechanical applications  
Construction equipment  
Agricultural equipment  
Recreational vehicles  
Precision equipment

**Temperature Range:**  
-34°C to +143°C

**Specification:**  
ELV & RoHS compliant

**Housing:** Steel 230M07PB (Sizes MB3 - M12), Forged 083M44 (Sizes M14 - M25), Zinc Plated and Clear Trivalent Passivate

**Race:** Bronze SAE660

**Ball:** Bearing Steel 100Cr6, Case Hardened Electro-less Nickel Plated

Part No. Right Hand	Part No. Left Hand	Bore Size	Thread	W	H	D	L1	L2	O	Static Load Rating (Newtons) Radial
MBL-M12		12	M12X1.75	16	12.00	30	54	33	15.40	18.745

**Interchange table**

Dunlop	Rose	Tuthill	Alinabal	SKF	Asahi	IKO	Fluro
MB-M (metric)	MM	MB-M	MM-M	SARAC-M	JAM	POS	GAS
MB (imperial)	RM-U	MB	VM-D	-	-	POSB	-

Note: Manufacturers part numbers are used for descriptive purposes only and may not be direct equivalent products.

**For stainless steel add 'SS' to part no. For example 'MB-M03 SS'**

## PRODUCT FEATURES

Brand	DUNLOP
N° Ean13	3663952559742
Inside diameter	12 mm
Outside diameter	30 mm
Thickness	16 mm
Type	-
Thread	-
Lubrication	-
Static load	0.0187 kN
Packaging	-

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