

# TSM Rod end MSL-12-10-DUNLOP - MSL-12-10-DUNLOP

<https://www.123bearing.com/bearing-housing/rod-end/tsm/msl-12-10-dunlop>

MALE ROD ENDS 



**MS SERIES: MS - MSS - MS SS**

**Description:**  
MS Series is our 3-piece steel on steel range of male rod ends incorporating a high strength PTFE bronze mesh between the ball and the liner material, suitable for high shock loads and medium to heavy mechanical load applications requiring low friction, available in both metric and imperial bore thread sizes, they do not require maintenance.

**Material Specifications:**  
Housing: Steel 230M07Ph and forged 080M4, zinc plated and clear trivalent passivate and stainless steel 303L and forged 304. Inner Ring: Steel 070M20 zinc plated and clear trivalent passivate. Liner: High strength PTFE bronze mesh composite. Ball: Bearing steel 100C74 heat treated, polished & electroless nickel plated and stainless steel 440C.

**Features:**  
Metric & imperial thread & bore sizes, low friction, high shock loads, Extended wear life, No maintenance, Studded and stainless steel options.

**Possible Applications:**  
Medium/heavy industrial mechanical applications, Construction equipment, Agricultural equipment, Motor sport and recreational vehicles requiring high precision motion control.

**Temperature Range:**  
-200°C to +250°C

**Specification:**  
ELV & RoHS compliant

**Housing:** Steel 230M07Ph (Sizes 04 - 07) Forged 080M4 (Sizes 08-12)  
**Inner Ring:** Steel 070M20, Zinc Plated and Clear Trivalent Passivate  
**Balls:** Bearing Steel 100C74, Case Hardened and Electro-less Nickel Plated  
**Liners:** High Strength PTFE Composite

Part No. Right Hand	Part No. Left Hand	Bore Size	Thread	W	H	D	L1	L2	O	Static Load Rating (Newtons) Radial
MSL-12-10		3/8	3/4 UNF	0.875	0.687	2.000	2.875	1.750	24.80	45,000

**Interchange table**

Dunlop	Rose	Aurora	Askubal	SKF	ASAHI	IKO	Fluro
MS-M (metric)	MHC	MM-M-T and MB-M-T	KA-P	SAKB-P	JAM-EC	POS-EC	GASW
MS (imperial)	RMC	MM-T and MB-T	-	-	-	POSB-EC	-

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 'MS-04-SS'**

## PRODUCT FEATURES

Brand	DUNLOP
N° Ean13	3616060550453
Inside diameter	15.875 mm
Outside diameter	50.8 mm
Thickness	22.225 mm
Type	TSM
Thread	Left-hand thread
Lubrication	NA
Static load	0.045 kN
Packaging	1

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