

# Rotule TSM

## MSL-12-10-DUNLOP - MSL-12-10-DUNLOP

https://www.123roulement.ca/roulement-palier/rotule/tsm/msl-12-10-dunlop

MALE ROD ENDS 



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**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 230M079s and forged 980M44, zinc plated and clear trivalent passivate and stainless steel 303, and forged 304. Inner Ring: Steel 070M20 zinc plated and clear trivalent passivate. Liner: High strength PTFE bronze mesh composite. Ball: Bearing steel 100C6, 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, 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:**  
-20°C to +250°C

**Specification:**  
ELV & RoHS compliant

**Housing:** Steel 230M079s (Sizes 04 - 07) Forged 980M44 (Sizes 08 - 12), Zinc Plated and Clear Trivalent Passivate

**Inner Ring:** Steel 070M20, Zinc Plated and Clear Trivalent Passivate

**Balls:** Bearing Steel 100C6, 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'

## CARACTÉRISTIQUES PRODUIT

Marque	DUNLOP
N° Ean13	3616060550453
Diam. intérieur	15.875 mm
Diam. extérieur	50.8 mm
Epaisseur	22.225 mm
Type	TSM
Filetage	Filetage à gauche
Lubrification	NA
Charge statique	0.045 kN
Conditionnement	1

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