

# TSM Rod end

## MS-M12-10-C-DUNLOP - MS-M12-10-C-DUNLOP

<https://www.123bearing.com/bearing-housing/rod-end/tsm/ms-m12-10-c-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 520M4779p and forged 680MA, 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 100Cr6, 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 520M4779p (Sizes M3 - M12) Forged 680MA4 (Sizes M16, M20), Zinc Plated and Clear Trivalent Passivate

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

**Ball:** Bearing Steel 100Cr6, Case Hardened and Electroless Nickel Plated

Part No. Right Hand	Part No. Left Hand	Bore Size	Thread	W	H	D	L1	L2	O	Static Load Rating (Newtons)	Radial
MS-M12-10C		10	M12x1.25	16	12.00	32	54	33	15.40	23,600	

**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-M05 SS'

## PRODUCT FEATURES

Brand	DUNLOP
N° Ean13	3663952559193
Inside diameter	10 mm
Outside diameter	32 mm
Thickness	16 mm
Type	TSM
Thread	Right-hand thread
Lubrication	without
Static load	0.0236 kN
Packaging	1

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