

# Rotule TSM

## MS-M22-20-DUNLOP - MS-M22-20-DUNLOP

<https://www.123roulement.com/roulement-palier/rotule/tsm/ms-m22-20-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 90NiAl, 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, studed 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:**  
-20°C to +250°C

**Specification:**  
ELV & RoHS compliant

**Housing:** Steel 520M4779p (Steel MS - M12) Forged 90NiAl (Stages M14 - 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-M22-20		20	M22x1.50	28	20.00	54	84	51	25.80	52,750

**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'

## CARACTÉRISTIQUES PRODUIT

Marque	DUNLOP
N° Ean13	3663952559544
Diam. intérieur	20 mm
Diam. intérieur	0.787" inch
Diam. extérieur	54 mm
Diam. extérieur	2.126" inch
Epaisseur	28 mm
Epaisseur	1.102" inch
Type	TSM
Filetage	Filetage à droite
Lubrification	sans
Charge statique	0.0528 kN
Conditionnement	1

[contact@123roulement.com](mailto:contact@123roulement.com)

03 59 36 04 90

CRT4 de Lesquin 60 Rue Du Haut De Sainghin 59273 Fretin FRANCE