

Datasheet AS TEBMT70



- (1): Hardness rockwell: HRM.
(2): Hardness rockwell: HRC.
(3): Coefficient of friction dynamic: oil/grease.

Material	
Material	Bimetal

Availability	Unit	Value
Min. inside diameter	mm	12
Max. inside diameter	mm	100
Length standard	mm	On request

Metric Bushing	
Type	AS TEBMT70
I.D.	12
O.D.	18
High	16

Physical Properties	Test Standard	Unit	Value
Density	ASTM D792	g/cm ³	6.3
Max. swell in water at 20 °C	ASTM D570	%	-

Mechanical Properties	Test Standard	Unit	Value
Compressive strength static	ASTM D695	MPa	73.5
Compressive strength dynamic	ASTM D695	MPa	49
Module of elasticity	ASTM D695	MPa	-
Tensile strength	ASTM D3410	MPa	-
Shear strength	ASTM D3410	MPa	-
Impact strength	ASTM D256	kJ/m ²	-
Hardness rockwell	ASTM D785	HRM/HRC	> 55

Thermal Properties	Test Standard	Unit	Value
Thermal expansion	ASTM D696	K	-
Min. working temperature		°C	-
Max. working temperature		°C	-
Intermittent working temperature		°C	-

Friction Properties	Test Standard	Unit	Value
Linear velocity grease lubricated		m/s	-
Linear velocity oil lubricated		m/s	-
Max. pv value non-lubrication		MPa*m/s	1.63
Max. pv value periodical lubrication		MPa*m/s	2.45
Friction coefficient grease lubricated		μ	-
Friction coefficient oil lubricated		μ	-