

Datasheet AS TEOltecc-580



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

Material	
Material	45# steel

Availability	Unit	Value
Min. inside diameter	mm	30
Max. inside diameter	mm	160
Length standard	mm	On request
Also available as flange bushing		

Metric Bushing	
Type	AS TEOltecc-580
I.D.	30
O.D.	40
High	40

Flange Bushing	
Type	AS TEOltecc-580F
I.D.	30
O.D.	40
High	40

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

Mechanical Properties	Test Standard	Unit	Value
Compressive strength static	ASTM D695	MPa	70
Compressive strength dynamic	ASTM D695	MPa	-
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	> 45 HB ⁽²⁾

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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
Max. linear velocity		m/s	0.3
Max. pv value		MPa*m/s	0.6
Friction coefficient grease lubricated		μ	-
Friction coefficient oil lubricated		μ	-