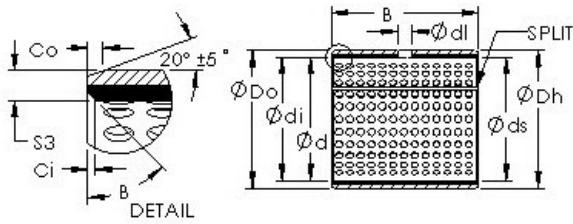




NTN Mettmann(Deutschland) GmbH



AST AST20 4520 plain bearings

Bearing No. AST20 4520

Bore Diameter	45 mm
Outer Diameter	50 mm
Bearing Type	straight
Shaft Dia., Nominal (d)	45.0000
Shaft Size (ds) - 45 +0 / -0/039	45 +0 / 0/039
Housing Bore Dia. (Dh) - 50 +0.025 / -0	50 +0.025 / 0
Bearing Outside Diameter, Nominal(Do)	50.000
Bearing Outside Diameter Tolerance (Do tol.)	50.085 / 50.045
Bearing Bore after Mounting (di)	45.195 / 45.080
Average Clearance (Cd)	0.1570
Wall Thickness (S3)	2.438
Bearing Length, Nominal (B)	20.000
Bearing Length Tolerance (B tol.) - +0 / -0.40	+0 / 0.40
OD Chamfer Length (Co)	1.800
ID Chamfer Angle (B deg.)	45
ID Chamfer Length (Ci)	0.800
Lube Hole Dia. (dl)	8.000
Material	Carbon steel shell with POM plastic liner

AST20 4520 Bearing 2D drawings and 3D CAD models