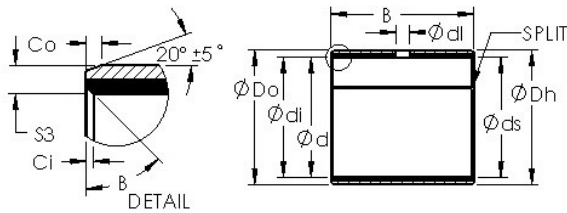




BEARING SCIENCE & TECHNOLOGY CO.,LTD.



AST AST40 4520 plain bearings

Bearing No. AST40 4520

Bore Diameter	45 mm
Outer Diameter	50 mm
Bearing Type	straight
Shaft Dia., Nominal (d)	45.0000
Shaft Size (ds) - 45 -0.025 / -0.050	45 0.025 / 0.050
Housing Bore Dia. (Dh)	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)	45.105 / 44.99
Average Clearance (Cd)	0.0850
Wall Thickness (S3)	2.505
Bearing Length, Nominal (B)	20.000
Bearing Length Tolerance (B tol.) - +0 / -0.40	+0 / 0.40
OD Chamfer Length (Co)	1.200
ID Chamfer Angle (B deg.)	45
ID Chamfer Length (Ci)	0.500
Material	Steel shell with PTFE / Polymer Fiber lining

AST40 4520 Bearing 2D drawings and 3D CAD models