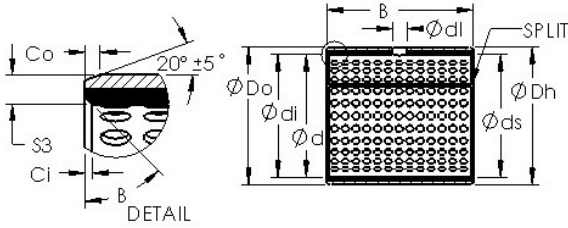




# NTN Bearing Manufacturing



## AST AST800 1810 plain bearings

Bearing No. AST800 1810

Bore Diameter	18 mm
Outer Diameter	20 mm
Bearing Type	steel with bronze
Shaft Dia., Nominal (d)	18.0000
Shaft Size (ds) - 18 +0 / -0 .027	18 +0 / 0 .027
Housing Bore Dia. (Dh) - 20 +0.021 / -0	20 +0.021 / 0
Bearing Outside Diameter, Nominal(Do)	20.000
Bearing Bore after Mounting (di)	20.151 / 20.010
Average Clearance (Cd)	0.1050
Wall Thickness (S3)	0.965
Bearing Length, Nominal (B)	10.000
Bearing Length Tolerance (B tol.) - +0 / -0.40	+0 / 0.40
OD Chamfer Length (Co)	0.600
ID Chamfer Angle (B deg.)	35
ID Chamfer Length (Ci)	0.300
Lube Hole Dia. (dl)	4.000
Material	Copper plated steel shell with sined bronze liner

AST800 1810 Bearing 2D drawings and 3D CAD models