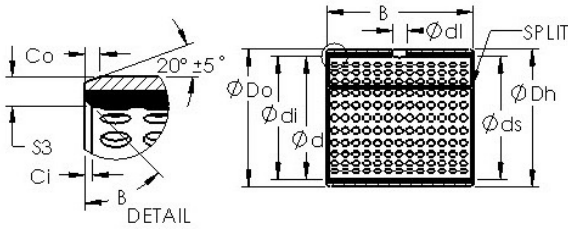




# NTN Bearing Manufacturing



## AST AST800 1220 plain bearings

Bearing No. AST800 1220

Bore Diameter	12 mm
Outer Diameter	14 mm
Bearing Type	steel with bronze
Shaft Dia., Nominal (d)	12.0000
Shaft Size (ds) - 12 +0 / -0 .027	12 +0 / 0 .027
Housing Bore Dia. (Dh) - 14 +0.018 / -0	14 +0.018 / 0
Bearing Outside Diameter, Nominal(Do)	14.000
Bearing Bore after Mounting (di)	14.148 / 14.010
Average Clearance (Cd)	0.0900
Wall Thickness (S3)	0.965
Bearing Length, Nominal (B)	20.000
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 1220 Bearing 2D drawings and 3D CAD models