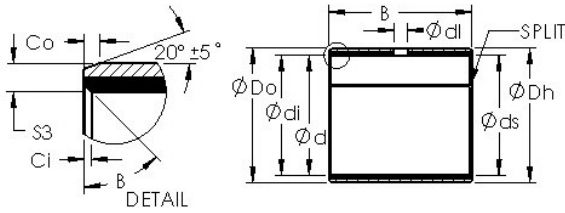




# NTN Bearing Manufacturing



## AST AST11 3012 plain bearings

Bearing No. AST11 3012

|  |                                       |
|--|---------------------------------------|
| Bore Diameter                                  | 30 mm                                 |
| Outer Diameter                                 | 34 mm                                 |
| Bearing Type                                   | straight                              |
| Shaft Dia., Nominal (d)                        | 30.0000                               |
| Shaft Size (ds) - 30 -0.02 / -0.041            | 30 0.02 / 0.041                       |
| Housing Bore Dia. (Dh)                         | 34 +0.025 / +0                        |
| Bearing Outside Diameter, Nominal(Do)          | 34.000                                |
| Bearing Outside Diameter Tolerance (Do tol.)   | 34.085 / 34.045                       |
| Bearing Bore after Mounting (di)               | 30.085 / 29.99                        |
| Average Clearance (Cd)                         | 0.0680                                |
| Wall Thickness (S3)                            | 2.005                                 |
| Bearing Length, Nominal (B)                    | 12.000                                |
| Bearing Length Tolerance (B tol.) - +0 / -0.30 | +0 / 0.30                             |
| OD Chamfer Length (Co)                         | 1.200                                 |
| ID Chamfer Angle (B deg.)                      | 30                                    |
| ID Chamfer Length (Ci)                         | 0.500                                 |
| Material                                       | Bronze shell with PTFE / Fiber lining |

AST11 3012 Bearing 2D drawings and 3D CAD models