AERONAUTICS COMPONENTS

Serving your Industry with Centrifugal Castings

LANDING GEARS
Rings and rough machined blanks in Aluminium Bronze:
AMS 4880 & AMS 4881

ENGINES
Stainless steel housing rings:
X5CRNICU17-4

BRAKING SYSTEMS:
Stainless steel sealing housings:
X5CRNICU17-4

Please contact us for more specific products!
E.mail : commercial@lbi.fr - Web site : http://www.lbi.fr
CENTRIFUGAL CASTINGS
FOR AERONAUTICS

Materials

• Aluminium bronzes : type AMS4880
AMS4881 – CuAl11Fe5Ni5…
• Brass : type CuZn19Al6 – UZ19A6…
• Stainless steel : type X5CrNiCu17-4…

Conditions

• Proof machined
• Finish machined

Sizes

• The standard range for landing gear bushings:
  - from 1½ inches up to 15 inches or more
  - wall thickness per your requirements

Advantages of centrifugal casting

• Cost savings compared with bar:
  no waste in material + cost saving in machining compared with solid bar
• High dimensional stability
• Easy machining
• Diameters perfectly corresponding to your needs

References

• Major landing gear manufacturers
• Major engine manufacturers
• Major overhaul centers worldwide
• Approved machining shop

Our References

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