



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 1^{1/2} 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



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