



**DRILL BUSHING
FIXTURE AND
TOOLING
COMPONENTS**

PRO  **PUS**
— SUPPLY —



WE ARE PIONEERS IN MANUFACTURING

and export of Drill Bushing, Tooling components, Alignment pins, Machinery parts to the Automotive industry, Aerospace and Engineering Industries.





OUR EXPERTISE IS IN MANUFACTURING OF



**HEADLESS PRESS
FIT DRILL BUSHING**



**RENEWABLE DRILL
BUSHINGS**



HANDLE BUSHINGS



ALIGNMENT PINS



**DIN ISO DRILL
BUSHINGS**



DOWEL PINS



PULL DOWEL PINS



**HEADED DRILL
BUSHINGS**



**KNURLED DRILL
BUSHINGS**



**METRIC DRILL
BUSHINGS**



LOCATION PINS



GUN DRILL BUSHINGS



ANSI DOWEL PINS





OUR COMPANY HAS BEEN **SUPPLYING** TO THE USA, CANADA AND AUSTRALIA

we are looking forward to expanding our customer base globally.

FOR ENQUIRIES / ORDER

Please provide ANSI description and quantity or You can provide the dimension of the bush with tolerance and quantity.

QUALITY STATEMENT

Propus Supply products committed to achieve ever increasing levels of customer satisfaction through continual improvement in quality and product services.

OUR COMMITMENT :

In order to achieve above Propus Supply products is committed to :

- Comply with all customer requirements
- Continually strive to improve the connect Quality Management System (QMS) to improve effectiveness
- Establish the quality objective at relevant levels and functions within the organization
- Monitor, Review and analyze the quality objectives in planned intervals
- Take appropriate action based on constructive internal and external feedback.
- Six sigma and ISO tools are used for maintaining and improving the process and quality



MATERIAL SPECIFICATION:

RAW MATERIAL: EN-31 / SAE 52100 Ball Bearing Steel

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HARDNESS: Minimum 650 HV for the items with bore sizes < 0.1181" (3.00 mm) and 60–65 HRC for the remaining items

FINISH: ID will be Ground / Honed and OD will be Ground

PPAP, FMEA, Quality Control plan, and Capacity details will be issued based on the request



WE DO PROVIDE YOU FREE SAMPLES OF DRILL BUSHING AND FREE SHIPPING TO YOUR DOORSTEP.



HONING

- Our Sunnen honing machines are purpose built machines which can internally hone a finish to the customer's specifications
- Honing sizes range from 1.5mm diameter right through to 75mm
- We use a variety of different honing stones to suit the type of material being honed and the required finish.
- Honing produces greater accuracy and a finer surface finish than internal grinding, and provides a stress-free base metal surface in the bore.
- We can achieve tolerances as low as +/-0.002mm.

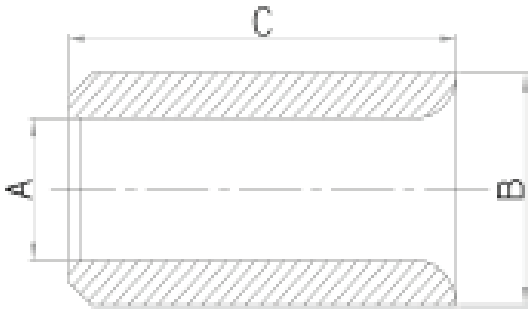


GRINDING

- At Propus Supply we have both centreless and cylindrical grinders.
- When making our standard precision finished bushings we firstly hone, then externally grind them on the cylindrical grinder to achieve complete concentricity.
- High accuracy and a superior finish is achieved when grinding. Whether a slide fit or a press fit tolerance is required we're able to achieve all customers requirements



ORDERING INFORMATION



Standard Size:

Bore Range (A): From 0.0473 to 2.735

Bore Tolerance:

P

Bushing Type

10

OD in step of 1/64 of an inch Type

8

Length in step of 1/16 of an inch

1/4

Inside diameter

Outside Diameter Rang (B): From 5/32 to 2-3/4

Outside Diameter Tolerance: +/- 0.0003

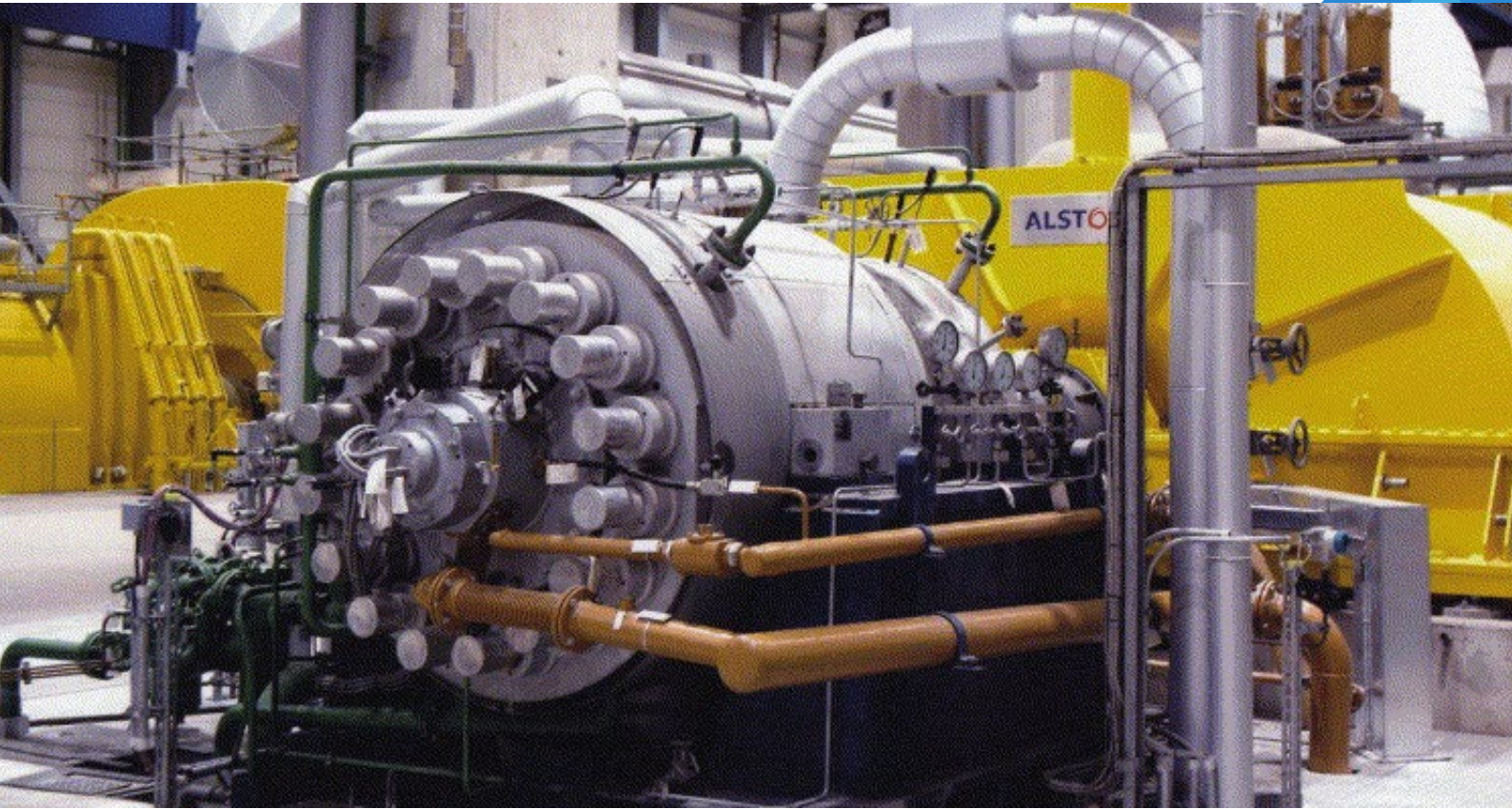
Overall Length Range (C): 1/4 to 7/32

Collar Diameter (D): 1/4 to 7/32

Rang	Tolerance
From #80 to 1/4"	+0.0001 +/- 0.0004
Over 1/4" to 3/4"	+0.0001/+0.0005
Over 3/4" to 1-1/2"	+0.0002/+0.0006
Over 1-1/2" to 2-3/4"	+0.0002/+0.0006

PROPLUS

— SUPPLY —



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