

## Hardened Steel Bushings for Excavator Bucket and Digger Bucket

### Introduction



SinoBronze hardened steel bushing working as bucket bushing, cylinder bushing and cushion bushing, refers to a ring sleeve that acts as a gasket and is used as a matching part outside of mechanical parts to achieve sealing and wear protection.

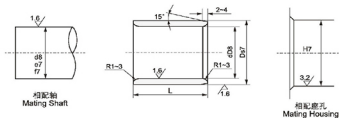
The flexibility of the bushing is relatively high, and it can play many roles. Its use can reduce equipment wear, vibration and noise, and has the effect of anti-corrosion. Bucket Bushing is a good choice for machine protection.

To specify, sinobronze hardened steel bushings are widely used in the following fields:

- Earth movement machinery (*excavators, loaders, etc...*)
- Drilling machinery
- Farming machinery (*power harrows, ploughs, rear excavators, etc..*)
- Equipment (*grabs, buckets, grippers etc*)
- Hydraulic cylinders (*protection against wear of bottoms and eyelets*)
- Consumables in industrial washing machines.
- Sliding guides for industrial presses.
- Components for suction pumps (sliding seats for Corteco and/or sealing rings).
- Components for machine tools and/or automatic machines.
- Pumps and industrial presses.



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## Basic Dimensions and Tolerances of SinoBronze Hardened Steel Bucket Bushings

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Notes: \* Standard material: E410 (standard EN10305), E355 (standard EN10297), E470 (standard EN10297)

SAE52100 (GCr15), SAE6470 (UNS K24065), AISI - 4140/AISI - 4142 (DIN 42CrMo4) hardened steel.

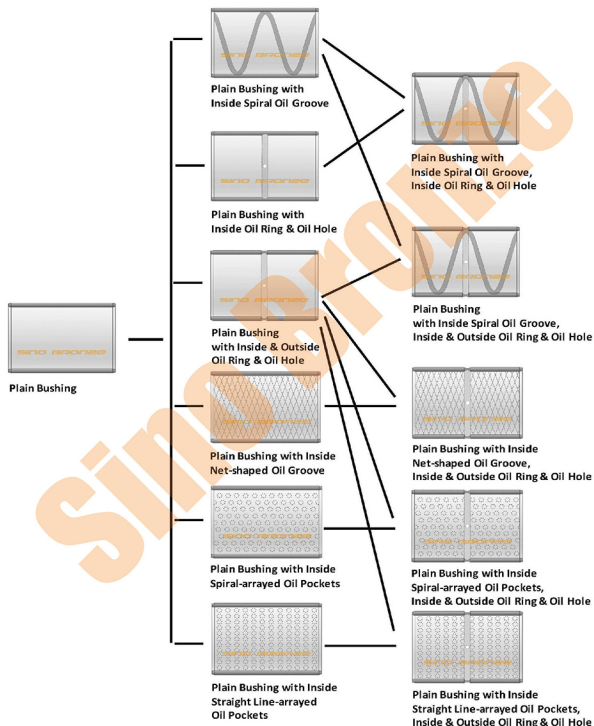
\* All sizes are in Metric " mm ".

\* Special dimensions and tolerances are made to customer's request.

\* Surface treatment is optional: 1) Zinc-plating; 2) Phosphate coating; 3) Tin plating.

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### Possible Oil Grooves, Oil Rings and Oil Holes



## Hardened Steel Bushings for Excavator Bucket and Digger Bucket

### Customised Bushings We Made for Our Worldwide Customers

Steel Bushings dimensions, tolerances, shapes, oil grooves, oil holes, oil pockets can be machined 100% according to customer designs. Please contact SINOBRONZE sales for detailed information about this type of bushings. Below is some of the steel bushings we manufactured for our customers. Welcome to visit us by [www.sinobronze.com](http://www.sinobronze.com)!

