

Oil Free Bushings

Oil Free Bushings

Copper Alloy (Metal Type)



Product Name	Existing Products - Copper Alloy, Straight	C-VALUE Products - Copper Alloy, Straight	Existing Products - Copper Alloy, Flanged	C-VALUE Products - Copper Alloy, Flanged
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Copper Alloy (Metal Type)



Product Name	Copper Alloy, Thrust	Flange Integrated Oil Free Bushings - Copper Alloy, Standard Flanged	Pilot Flanged	Center Flanged
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Copper Alloy (Metal Type)

Bronze Casting (Metal Type)



Product Name	Oil Free Copper Alloy Washers	Oil Free Bushings - Bronze, Straight	Bronze, Flanged	Bronze, Standard Flanged
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Copper Alloy (Metal Type)



Product Name	Oil Free Bushing Housing Units - Standard Flanged	With Dust Seals	Oil Free Bushing Housing Units - Pilot Flanged - Standard	Oil Free Bushing Housing Units - Center Flanged
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Copper Alloy (Metal Type)



Product Name	Tall / Wide Type	Tall Compact / Wide Compact Type
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Casting (Metal Type)



Product Name	Oil Free Bushings - Casting, Straight / Flanged	Oil Free Bushings - Cast Housing Units	Flange Integrated Oil Free Bushings - Casting
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Multi-Layer LF



Product Name	Oil Free Bushings - Multi-Layer LF Bushings	Oil Free Thrust Washers	Oil Free Bushings - High Precision
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MISUMI-VONA e-catalog

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Multi-Layer Type

Resin Type



VONA Oil Free Bushings

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Multi-Layer LF



Product Name	Oil Free Bushing Housing Units - Built-In Multi-Layer LF Bushings	Oil Free Bushing Block Style Housing Units - Built-In Multi-Layer LF Bushings
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Resin (Resin Type)



Product Name	Oil Free Bushings - Polyacetal Resin Type	PTFE Resin Type	Oil Free Resin Washers	Oil Free Bushing Flange Style Housing Units - Built-In Resin Bushings	Oil Free Bushing Block Style Housing Units - Built-In Resin Bushings
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Material Features

Usage

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Copper Alloy (Metal Type)

- High shock resistance and high rigidity
- High corrosion resistance
- High temperature resistant

- Use in heavy load and low speed conditions
- Use in areas with parts requiring high accuracy
- Use for transporting heavy loads

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Bronze Casting (Metal Type)

- Minute motion is possible
- Excels in baking resistance

- Use in low load and high speed conditions
- Use in areas with small movements

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Casting (Metal Type)

- Absorb vibration

- Use in medium load and low speed conditions
- Use in areas to absorb vibration
- Use in areas where it is difficult to choose flamboyant colors, such as in the automotive industry

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Multi-Layer LF (Multi-layer Type)

- Thin wall and compact
- High temperature resistant

- Use in heavy load and low speed conditions
- Use in limited space
- Low cost and frequently used in areas without requiring high precision

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Resin (Resin Type)

- Conforms to Food Sanitation Law
- Excels in chemical resistance (*)

(*) PTFE type only

- Use in low load and high speed conditions
- Use in the insulating state
- Use in areas requiring strict hygiene control, such as in the food industry

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