

HOME **RETURNABLE PACKAGING** **ENGINEERED FASTENERS** **POWER CONTROLS** **LOCATIONS**

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PINS, INSERTS & COMPRESSION LIMITERS



MACHINED PINS & SHAFTS

Surpassing conventional cutting process shafts, our hybrid technology yields high quality and high precision shafts for mass production. These shafts have tolerances to within 10 microns.

KEY ADVANTAGES:

Low Cost, Low Vibration, Can be mass produced, Can have secondary machining.



SHAFT RETAINERS

Shaft retainers or push nuts have teeth that project inward from the Inner Diameter or outward from the Outer Diameter, and flex as the retainer is pressed down on to a shaft or into a recess tube. Flexible teeth grip the entire circumference on the shaft or recess and strongly resist any back-off pressure. A toothless version of shaft retainer is also produced.



BRASS INSERTS

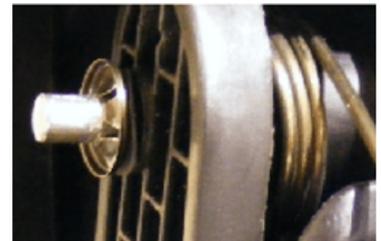
Brass inserts are made on CNC machines. Eisen manufactures an extensive range of threaded inserts. Discuss your requirement with Eisen sales representative.



COMPRESSION LIMITERS

Machined compression limiters are made of brass, steel, and aluminum on CNC machines. Eisen manufactures a very extensive range of limiters. These parts are generally custom designed for each application.

APPLICATIONS



SMALL STAMPING BRACKETS

Small stamping brackets are produced according to customer specifications. Generally supplied with attached bolts, screws and wire forms.



INSERTS FOR PLASTIC

Threaded inserts for plastic are made with steel, aluminum, and brass. Generally assembled by insert-molding, ultrasonic, and press fit. Available for glass filled thermoplastic and thermoset materials.

KEY ADVANTAGES

Low Cost, High Tensile Strength, Mass Produced.



COMPRESSION LIMITERS

Used to protect plastic and aluminum parts from cracking under compression forces when crews and bolts are torqued through holes in these parts. Split seam versions have a gap to allow some flexing and accommodate initial assembly. This type is ideal for insert molding and press-in-place applications.



SPACERS

Heavy duty spacers are manufactured on screw machines. Features include 1-1/2 inch diameter stock, sharp corners, high tensile strength, internal threading. Suitable for low to medium volume.



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