



**Custom Cold Formed
Parts & Fasteners**



WHEN IT MATTERS MOST.™



HOLO-KROME® MANUFACTURES A FULL LINE OF STANDARD AND CUSTOM DESIGNED, HIGH QUALITY PARTS FOR CRITICAL APPLICATIONS

HOLO-KROME's Cold-Forging techniques result in parts which are more precise, offer greater strength and afford higher fatigue resistance. Our products are recognized for their uniformity, and for being virtually free of the bursts, minute cracks, tears and fractures sometimes found in other, inferior products.

HOLO-KROME® *can make your tough shapes easier!*

Manufacturing parts with unusual contour, strength and cost requirements often becomes uneconomical as material, labor and energy costs escalate. For many companies, HOLO-KROME® has become the economic design and manufacturing alternative. The key is metal forming versus metal removal. We have over 80 years of applied technology experience in forming metal solutions. For us, tough parts take shape just a little easier.



HOLO-KROME ADVANTAGES

- Technical Engineering Staff to Answer your Questions
- Same Day Shipping
- 98% Fill Rates
- Full Metric and SAE Line
- Cad Drawing Online
- Two Fully Automated Continuous Heat Treating Furnaces Totalling 2,400 lbs/hr. Capacity
- Three Semi-Automated Batch Furnace Systems

QUALITY CONTROL

- ISO 9001:2008
- Holo-Code Traceability
- Limited Raw Materials Suppliers to ensure right chemistry
- ROHS Compliant
- QSLM Class 2 Approved
- DFARS Compliant

PRODUCTS

- **Bolts, Screws & Studs:** Hex Heads, Heavy Hex, Dog Points, Flange 12 pt Screws, and Single End, Double End, and Fully Threaded Studs
According to: A193/A193M, A320/A320M, ANSI B18.2.1, DIN 931, 933, 960, & 961, A325/A325M, A490, A449, A354BD. SAE J429. and MORE
- **All Types of Socket Cap Screws**
According to: ANSI B18.3, ISO 4762, ISO 898-1, A574, A193/A193M, A320/A320M, and MORE
- **Custom Headed Parts**

RAW MATERIALS

- **Carbon & Alloy Steel:** A193:B7, B7M, B16, A320/A320M:L7/L7M, 1018, 1045, 4140/42, 4037, 4137, 4340, 8620/30, and MORE
- **Stainless Steel:** 302 (18-8), 316/316L, A2/A4 (50/70/80), 410, B8/B8M, B6/B6X, 17-4, PH (H925/H950/H1025/H1075/H1100/H1150/DH1150), and MORE
- **Super Alloys & Duplex Steel:** Monel™ 400/K500

COATINGS

- **Electrolytic Coatings:** Zinc Plating, Nickel Plating, Chromium Plating, Copper Plating, Cadmium Plating
- **Chemical & Other Coatings:** Mn/Zn Phosphating, Electroless Nickel Plating, Dacromet®, Molybdenum Disulphide, PTFE Product/Material Standards: ASTM, API, ANSI, ISO, DIN, NACE, SAE, IFI, and MORE

MACHINING & PART SIZE CAPABILITIES

Threading

- All Standard and Metric Thread Pitches (UNC, UNF, UNJ, Metric, Pipe)
- Rolled: up to 2" Diameter
- Right/Left Hand

Hot Upset Forging

- Hot Heading and Forging: up to 2" Diameter (M48) and 28" (720m) long

Cold Heading

Our 200,000 sq. ft. facility specializes in small to large, medium to high-volume parts, including:

- Specialty Shoulder Screws
- Large Head with Small Body Severe Upsets and Extrusions
- Custom Designed Parts and Exotic Configurations
- Semi-Special Manufactured Large Washer Heads
- Non-Standard Product with High Heads

Socket Cap Screws: #0-2" and M1.6 to M48

Socket Set Screws: #4 to 1 inch

Socket Shoulder Screws: 1/4 to \leq and M6 to M16

Dowel Pins: 1/8" to 1" and 3mm to 20mm - Standard and oversize

Special Head Cap Screws:

Flat Head – #4 to 3/4" and M3 to M16

Button Head – #4 to 5/8" and M3 to M12

Low Head – #8 to 1/4" and M4 to M16



CUSTOM DESIGNED SOLUTIONS

HOLO-KROME® Company

Made in the USA products are used in a wide variety of market applications that demand high-quality, high-strength precision components. In addition to the standard product line of cap screws, socket shoulder bolts, dowel pins, socket jam screws, and socket pipe plugs, HOLO-KROME also manufactures semi-standards, specialty parts and cold-headed parts.

With emphasis on lower cost and higher productivity, more companies are looking to HOLO-KROME to solve assembly and "tough-to-manufacture" part problems. If there is a length, material, coating or other criteria you don't find on our website or in our catalog, we will supply a quotation.



Do you require screw machine parts that have:

- Two or more outside diameters?
- A recess or bore up to 2x diameter in depth?
- A requirement for special material?

Warm or cold heading may be a practical alternative. Shaping metal by controlled warm or cold forming yields inherently stronger parts. Metal fibers are reinforced in critical stress areas, eliminating the possibility of tears that are so common with machined parts.

HOLO-KROME can shape various types of material - aluminum and brasses, austenitic and martensitic stainless, 4000 series alloy steels, all the way through H-11 and other tool steels - into difficult dimensions while retaining the metallurgically important property of grain flow.

Tough-to-manufacture parts can be produced at less cost than traditional methods. With little or no metal removal, savings in material normally justifies HOLO-KROME's heading process. Our vertically integrated manufacturing process encompasses many innovative secondary and finishing operations such as high-speed/proprietary machining, full capability contour grinding, and precision roll threading up to 2" diameter. Our finishing operations include a controlled-heat treating department. Most high-strength alloy parts are automatically conveyed through furnaces to ensure that specified metallurgical properties are achieved.

Contact us today for a quote on your tough-to-manufacture parts.



HOLO-KROME®

WHEN IT MATTERS MOST.™

HOLO-KROME has been providing superior-quality critical application fasteners since 1929, and now offers custom designed solutions of the same superior-quality – each product proudly made in the USA.

The Difference Is Easy To See

"H-K" MARKING



SIZE MARKING



HOLO-CODE
TRACEABILITY



To learn more about HOLO-KROME and the products we provide, visit:

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