



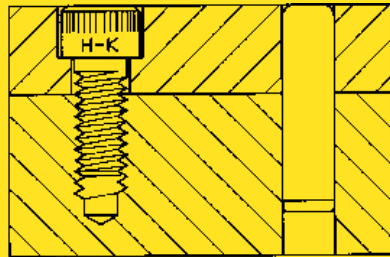
HOLO-KROME®

When failure is not an option.

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PRODUCT DATA SHEET

Dowel Pins



Applications:

- Continuous grain flow resists chipping of ends. Precision heat treated for greater strength and surface hardness.
- Chamfered end provides easier insertion in hole. Surface finish to 8 microinch maximum.
- Widely used as plug gages in various production operations and as guide pins, stops, wrist pins, hinges and shafts. Also used as position locators on indexing machines, as feeler gages in assembly work, as valves and valve plungers on hydraulic equipment, as fasteners for laminated sections and machine parts, and as roller bearings in casters and truck wheels.

Benefits:

- Made from high grade alloy steel
- Heat treated for wear-resistant surface (HRC 60 min) and tough core (HCR 47-58) for impact with a shear strength of 150,000 psi min.
- Controlled radius - resists mushrooming during assembly*
- True-round diameter - precision ground on centerless grinders to 8 RMS microinch surface finish
- From end to end, diameter is truly held to a tolerance of plus or minus .0001
- Point chamfer accurately held - permits easier insertion and starting without marring exteriors
- Black lustre finish on Holo-Krome dowel pins retards corrosion and rusting of the highly polished surface
- The black lustre finish also acts as a lubricant making driving easier with less chance of seriously scoring the pin and mating parts.
- Inch Series: ASME/ANSI B18.8.2 and Metric Series: ASME B18.8.5

Caution

Holo-Krome recommends dowel pins be inserted by application of a constant pressure, with the pin being shielded in case of fracture. A striking force can cause the pin to shatter.

