

## LASER APPLICATION NOTE 2040

TELESIS

ProScript®

**Application:**

Marking of chrome plated hand tools



**Mark depth:**

0.001 to 0.006 inch (0.0254 to 0.1524 millimeters)

**Material:**

Chrome plated or oxide tool steel

**Mark Type:**

Alphanumeric, Barcode, 2d code, Logo

**Cycle Time:**

Varies for mark type. Typically less than 15 seconds

**Laser Advantage:**

Speed of mark, ease of integration into process, high mark quality and readability.

**Recommended Laser:** ProScript Nd:YAG 70 Watt and higher

**Process Notes:**

*ProScript Nd:YAG gives darkest contrast when chrome is penetrated exposing base metal. Surface disruption only with light matte finish on chrome may also be possible on some tools.*