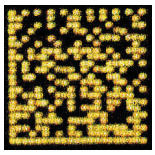
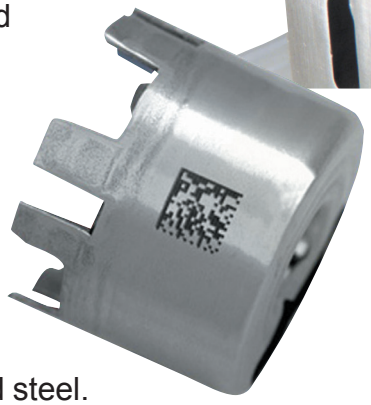
2-D, QR and UID Code Marking and Verification

Manufacturers are increasingly turning to the use of 2-D code direct part marking (DPM) and reading technologies. DPM reduces costs, improves quality, and satisfies a number of industry-specific and government mandates, including U.S. Department of Defense UID (Universal Identification) requirements. Successful implementation requires the integration of robust, industrial marking systems with 2-D code verifiers located at the marking station. Together, they insure the ability to easily read and track the 2-D code.

TELESIS' extensive experience in the automotive, aerospace and firearms industries makes us uniquely qualified to provide, completely integrated, "mark-read" solutions. We offer the following products and services to satisfy a wide range of 2-D code applications:



- TELESIS PINSTAMP® Dot Peen Marking Systems
- TELESIS Laser Marking Systems
- Expert integration of these TELESIS products, as well as the integration of 2-D code verifiers marketed by a number of suppliers



PINSTAMP® Markers provide an effective but extremely economical solution to many 2-D code DPM applications on materials as diverse as plastics and hardened steel. TELESIS' patented **PINSTAMP®** Marking Technology provides highly accurate dot placement at specific X/Y locations. This process makes **PINSTAMP®** Markers far superior to conventional "oscillating stylus" dot peen markers, especially in QR and other 2-D code applications, where accurately marked codes are the key to readability. TELESIS' Laser Marking Systems are truly "state-of-the-art", producing almost perfectly formed 2-D codes nearly instantly on a wide range of materials, including virtually all plastics and metals. These qualities make lasers the perfect choice for applications requiring extremely high throughput or very small QR or other 2-D codes.

COMPLIANCE

All TELESIS Laser Marking Systems and all PIN-STAMP® Markers except for the TMM5100/420 and TMM7200 comply with all major 2-D code DPM standards, including:

- SAE AS9132 (as adopted by the International Aerospace Quality Group)
- AIAG B-4
- AIAG B-17
- AIM DPM-1-2006
- NASA-STD-6002
- NASA-STD-HDBK-6003
- Department of Defense Guide to Uniquely Identifying Items (UID)
- MIL-STD-130N
- ATA SPEC-2000