

# TECHNICAL BULLETIN

## No. 10 "SUPER WOODY"

### Fastener Type

Self-drilling piercing point with shank slot and HiLo threads. Number 10 diameter.

### Material Type

Fasteners are to be made from good quality cold heading wire of 1018 designation. Screws to be heat treated after cold forming to produce a Rockwell Hardness of C-38 minimum.

### Plating Type

CR1000 finish provides three layers of protection. The top seal is an effective barrier to the environmental elements present. While the two chemical coating layers affords a multiple layer system for even further coating.

### Tool Type

An electric screwgun with a variable speed of 0-2000 RPM is the recommended tool.

### Usage Recommendation

Fastener is to be used for attachment of light gauge sheeting to wood. No pre-drilling of material is necessary. Maximum panel thickness is .050 inches. Minimum suggested embedment in wood is 7/8".

## Performance Test

### Test Results

### Strength of Fasteners

Minimum tensile strength	1,825 lbs.
Minimum shear strength	965 lbs.
Minimum torsional strength	60 inch lbs.

( These are conservative values )

### Test Results

### Pull Out Tests

To determine the tension required to remove properly drilled screws out of steel member.

Wood Type	Average Pull Out in Lbs. Embedment in Wood 1"
Pine	384
Treated Pine	514
Poplar	506
Spruce	579
Cedar	666
Oak	1219

The test results shown are believed to be reliable.  
However, variance in testing and actual field conditions may alter the results.  
There is no expressed or implied warranty on the test Data.