

# Finalloys

## The Final Welding Solution



**SPECIAL  
ELECTRODE  
FOR TOOL STEELS  
INCLUDING HIGH  
SPEED STEELS  
TST – 555**

FINALLOY TST - 555 AC - DC (Either Polarity)

### SPECIAL FEATURES

- Deposits maintain a sharp edge at ambient edge and high temperatures.
- Weld deposit have fine grain size which results in uniform hardness.
- Has both high hardness and high compressive strength
- Non-porous weld deposits.

INTERNATIONAL  
SPECIFICATIONS

AWS/ASME A5.13 E Fe5 - B  
DIN 8555 E4 UM 60 - ST

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PRODUCT OF USA

# FINALLOY WELDING ALLOY

## MECHANICAL PROPERTIES OF TST-555

### Undiluted Weld Metal

Hardness (as welded)

Hot Hardness

Heat Treated

### Maximum Value up to:

RC 58 - 62

RC 56 AT 600°C

RC 63-65

### WELD METAL ANALYSIS (Typical Weight % for TST-555)

C	W	Mo	V	Cr	Fe
1.0	1.8	6.5	1.4	4.5	Bal

# Finalloy TST-555

### Finalloys (FZE)

SAIF - ZONE

P O Box 514168 SHARJAH

UNITED ARAB EMIRATES.

