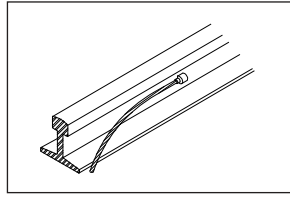
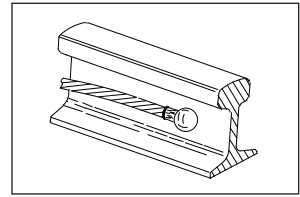


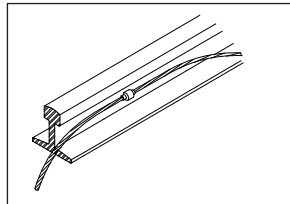
**ST**  
**Page 2**

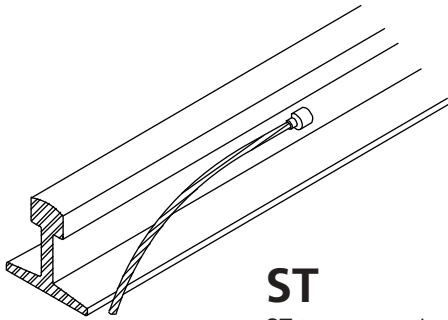


**W**  
**Page 3**



**TP**  
**Page 2**

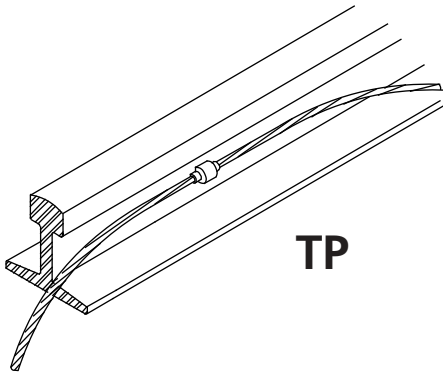




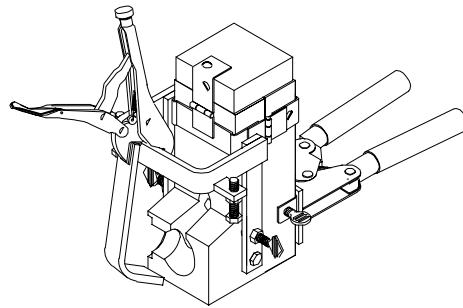
## ST

ST type connections - specify RH (right hand) or LH (left hand). RH supplied if not specified.

RH shown.



## TP



### CABLE TO RAIL

- Connections for grounding cable to the rail web of 85 lb. to 140 lb. standard rails
- Concentric stranded copper cable is listed.
- Contact ERICO for crane or girder rail applications.
- Note: Rail materials characteristics, use and locations of weld should be considered when selecting connections to a rail.
- For cable sizes not listed, multiple connections using smaller cables are suggested.
- **Bold letter** in mold part number is the price key.

### REQUIRED TOOLS

Handle Clamps **L160** for R Price Key Molds

Rail Clamp **C120J** (requires L160 handle clamp)

Flint Ignitor **T320** (Included with handle clamp and Rail Clamp but also available separately)

### SUGGESTED TOOLS

Cable Cleaning Brush	T313
Slag Removal Spade	B136A or B136B
Mold Cleaning Brush	T394
Rasp	T321
Torch Head	T111

### ACCESSORIES

See Section A

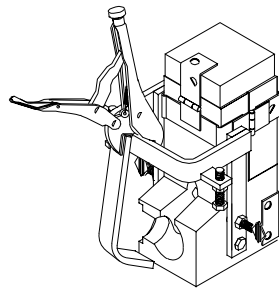
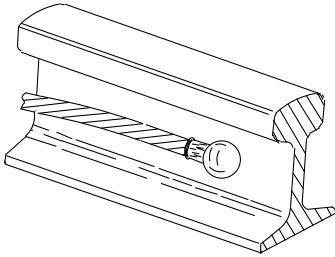
TYPE ST		
CABLE SIZE	MOLD PART NO.	WELD METAL
4	<b>STR</b> -1L	65F80
2	<b>STR</b> -1V	65F80
1	<b>STR</b> -1Y	65F80
1/0	<b>STR</b> -2C	90F80
2/0	<b>STR</b> -2G	90F80
4/0	<b>STR</b> -2Q	115F80

TYPE TP		
CABLE SIZE	MOLD PART NO.	WELD METAL
4	<b>TPR</b> -1L	90F80
2	<b>TPR</b> -1V	90F80
1	<b>TPR</b> -1Y	90F80
1/0	<b>TPR</b> -2C	115F80
2/0	<b>TPR</b> -2G	115F80
4/0	<b>TPR</b> -2Q	150F80



## W

Type W - RH Shown



WEB WELDER

### CABLE TO RAIL AND STRUCTURES

- Type W Bonds are for bonding and grounding of standard rails. These bonds are welded to the web of rail sections 85 lb. to 140 lb.
- Mold frame includes adjusting screw to position bond at neutral axis of rail where stresses are minimal.
- Contact ERICO for crane and girder rails.
- Concentric stranded copper cable is listed.
- NOTE: Rail materials characteristics, use and location of weld should be considered when selecting connections to a rail.

### REQUIRED TOOLS

**Flint Ignitor**      **T320** (Included with welder but also available separately)

### SUGGESTED TOOLS

Cable Cleaning Brush	T313
Slag Removal Spade	B136A or B136B
Mold Cleaning Brush	T394
Rasp	T321
Torch Head	T111

### ACCESSORIES

See Section A

### HOW TO ORDER FACTORY MADE BONDS

1. Order bond giving bond length in inches.
  - a. Joint bonds must be at least 10 inches longer than rail angle bar.
  - b. Stub-End bonds must be 9 inches minimum.

**Specify right hand (RH) or left hand (LH).**
2. Order welder (mold with frame and rail clamp) by right hand and/or left hand. Includes flint ignitor.
3. Replacement molds and weld metal are furnished with bonds as follows:

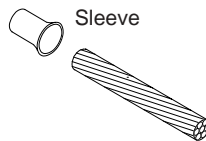
**Joint bonds:** Two weld metals per bond, plus one each right and left hand mold for every 80 bonds.

**Stub-End bonds:** One weld metal per bond, plus one mold only for every 80 bonds.

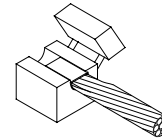
FACTORY MADE					
CABLE SIZE	JOINT BOND	STUB END BOND	WEB WELDER PART NUMBER	MOLD ONLY PART NUMBER	WELD METAL
1/0	W12C-(length)	W32C-(length)	WRS-2C-RH (-LH)	WRS-2C-RHM (-LHM)	65F80
2/0	W12G-(length)	W32G-(length)	WRS-2G-RH (-LH)	WRS-2G-RHM (-LHM)	90F80
4/0	W12Q-(length)	W32Q-(length)	WRS-2Q-RH (-LH)	WRS-2Q-RHM (-LHM)	90F80

### HOW TO ORDER FIELD MADE BONDS

1. One sleeve per cable end to be welded to rail.
2. One or more hammer die per job.
3. One welder for each welding crew. Right hand and/or left hand.
4. One mold for every 50 to 80 bonds after first 50. Right hand and/or left hand.
5. One weld metal per cable end to be welded.



Sleeve



Hammer Die

FIELD MADE					
CABLE SIZE	WEB WELDER PART NUMBER	MOLD ONLY PART NUMBER	SLEEVE	HAMMER DIE	WELD METAL
1/0	WRS-05-RH (-LH)	WRS-05-RHM (-LHM)	S05F	WD80	65F80
2/0	WRS-03-RH (-LH)	WRS-03-RHM (-LHM)	S03F	WD84	90F80
4/0	WRS-01-RH (-LH)	WRS-01-RHM (-LHM)	S01F	WD82	90F80