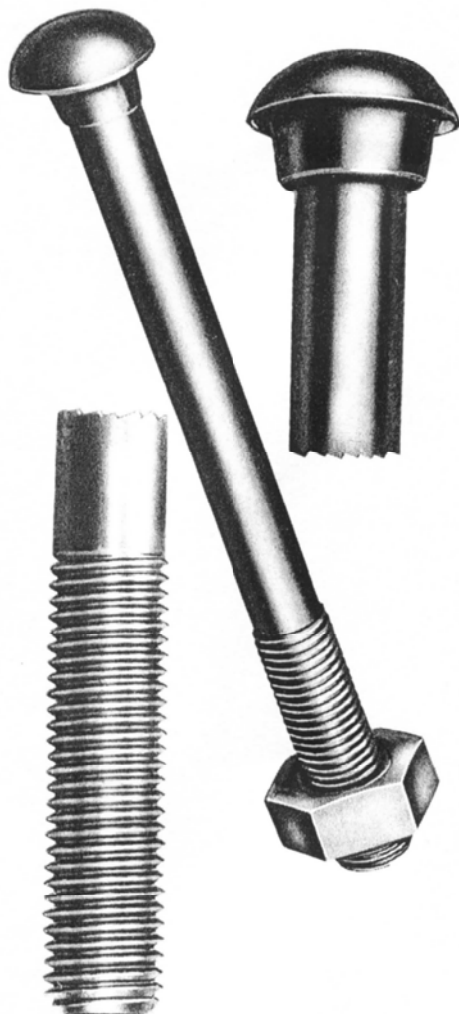


# Dresser Bolts and Wrenches

**Steel Track-Head Bolts** are vastly superior to ordinary bolts both in material and design. They are made to rigid Dresser specifications from special steel having a minimum yield strength of 40,000 psi, and an ultimate strength of 60,000 psi. Track-head construction prevents the bolt from turning when the nut is drawn up. Threads are *rolled* to a nominal diameter larger than the shank diameter insuring at least as high a total strength in the threaded section as in the shank.

**"Dresserloy" Bolts** are a corrosion-resistant bolt. Their superior alloy structure provides optimum resistance to corrosion, plus eliminating possibility of breakage and costly bolt plating.

When ordinary steel bolts are employed to fasten dissimilar metals such as malleable-iron or cast-iron devices mounted on cast-iron pipe, and buried in corrosive soil, an electrolytic condition may tend to make the steel bolts sacrificial to the malleable or cast product and the pipe. Since the mass of the steel is small in relation to the mass of the clamp or sleeve and the pipe, bolts may be eaten away.



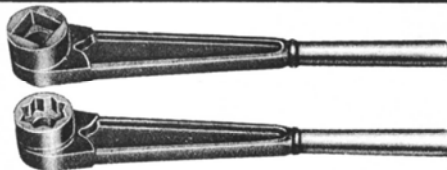
In such conditions the electrical current flow in the galvanic cell is away from the bolts (anode) through the soil (electrolyte) to the malleable or cast product and pipe (cathode). To correct the situation, and protect the bolts, current flow must be reversed.

The Dresser Dresserloy Bolt is of a metallic construction which makes it only slightly cathodic to the malleable or cast product on which it is used and the pipe. Enough current therefore flows toward the bolt to properly protect it against galvanic corrosion with no significant loss of metal from product and pipe.

**Shop Coatings.** Bolts are regularly furnished with Dresser shopcoat but can be supplied with any Dresser AL-CLAD™ coating or any specific coating or plating, such as bituminous, asphaltic or grease base coatings, and galvanizing.

## Style 108 Wrenches

Dresser wrenches are specially designed and constructed to withstand the excessive rough usage they receive in the field. There are two types of wrenches available, one is the standard reversible ratchet



wrench and the other a reversible ratchet torque wrench made in two styles.

Wrench Number	Wrench Type	Handle Length	For Use With Square or Hex Nuts Having These Dimensions Across Flats	Bolt Size	Approximate Weight Per Wrench
1	Ratchet	12"	7/8 Hex and Square	1/2"	3.0#
1	Ratchet	12"	1 1/8 Hex and Square	5/8"	3.0
1	Ratchet	12"	1 1/8 and 1 1/4 Sq. Comb	5/8" and 3/4"	3.0
2	Ratchet	15"	1 1/8 Hex Only	5/8"	5.0
2	Ratchet	15"	1 1/4 Hex Only	3/4"	5.0
2	Ratchet	15"	1 1/8 and 1 1/4 Square	5/8" and 3/4"	5.0
5	Ratchet	10"	7/8 Hex and Square	1/2"	2.5
5	Ratchet	10"	1 1/8 Hex and Square	5/8"	2.5

\*The sockets furnished with these wrenches will fit both square and hex nuts with the across flats dimensions shown.