

EA TA FUSED ALLOY

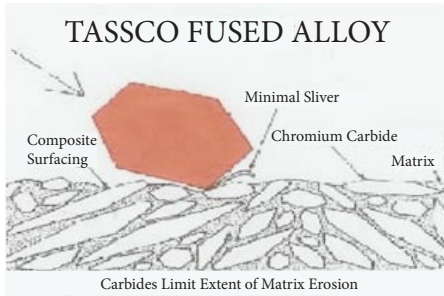
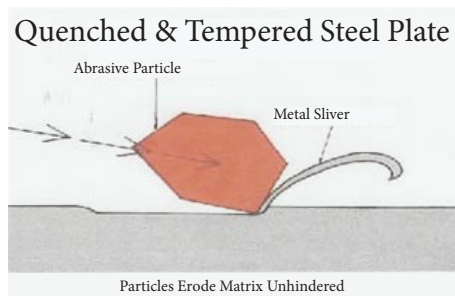
- Stocked in 50 X 120 Plates in Standard or Polished Finishes
- Coefficient of Friction (Polished): 0.33 (Chromium Carbide: 0.47)
- Can be Installed in Any Direction to Material Flow
- Hardness 650 BHN
- 60% Chromium Carbide Content
- Outperforms Welded Overlay Plate 2 to 1

TASSCO Fused Alloy wear plate offers ultimate protection from abrasion, impact, gouging, erosion, & material hang up. Fused Alloy plate is produced with a rich chromium carbide surface metallurgically bonded to an A36 mild steel base plate. With Fused Alloy plate, microstructure of the alloy influences our ability to provide the highest quality wear plate. We not only offer the highest percentage of chromium carbides, but also the hardest & most evenly dispersed.

Due to the 100% metallurgical fusion bonding, there is no underbead cracking. Fused Alloy plate can withstand more impact than a traditional chromium carbide overlay plate that's subject to spalling with multipass layers. It's smooth surface with no weld overlay beads prevents interruption to material flow & eliminates turbulence and accelerated abrasion. The plate can be provided with a polished finish to further improve resistance to hang up or carry back.

Available in 50" x 120" Plates in the Following Thicknesses

THICKNESS	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"
DESCRIPTION	1/4" on 1/4"	3/8" on 5/16"	3/8" on 3/8"	7/16" on 7/16"	5/8" on 7/16"	13/16" on 7/16"



Chemical Analysis

Iron	Fe	Balance
Carbon	C	04.47%
Manganese	Mn	01.00%
Silicon	Si	00.85%
Sulphur	S	00.03%
Phosphorus	P	00.03%
Nickel	Ni	00.18%
Chromium	Cr	32.10%
Molybdenum	Mo	00.01%
Copper	Cu	00.08%
Vanadium	V	00.03%
Niobium	Nb	<0.01%
Titanium	Ti	00.02%
Aluminium	Al	00.08%
Boron	B	<0.01%

