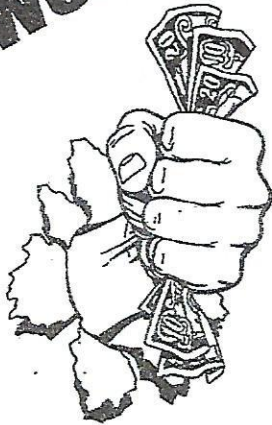


**Knock -Out
High Wear Costs**



TUF-STUF WEAR PLATES™

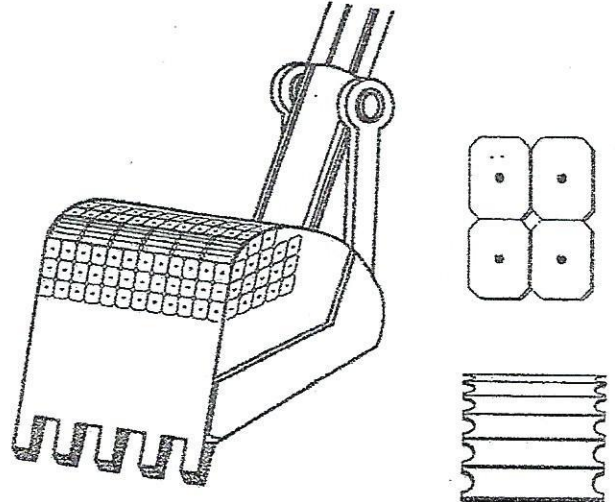
Tuf-Stuf Wear Plates are one of the fastest, simplest, and most cost effective methods available in the construction industry today for hard facing high wear / moderate impact areas.

THE ADVANTAGE OF USING TUF-STUF WEAR PLATES ARE NUMEROUS:

- ✓ On the average, **Tuf-Stuf Wear Plates** (58/64 Rockwell C) can be applied nearly 15 times faster than hard surfacing with weld rod.
- ✓ Since considerably less welding is needed when applying **Tuf-Stuf Wear Plates**, potential damage to the applied surface is significantly reduced.
- ✓ Because of a longer life cycle, **Tuf-Stuf Wear Plates** cost much less per sq. ft. than conventional hard surfacing with weld rod. Net result, less equipment down time.
- ✓ **Tuf-Stuf Wear Plates** can be used on almost any wear application.
- ✓ Thousands of **Tuf-Stuf Wear Plates** are now currently in use. Why not give them a try now. Immediate delivery available.

SOME TYPICAL APPLICATIONS FOR TUF-STUF WEAR PLATES:

- Loader Buckets
- Compactors
- Dredges
- Gravel Pit Equipment Wear Areas
- High Wear/Moderate Impact Industrial Applications



U.S. & METRIC SYSTEM

Sizes Available	No. Per Box	Weight Per Box	Sq. Ft. Per Box
3 x 4 x 3/16"	48	30 lbs. 13.6 kg	4'
76.2 x 101.6 x 4.8 mm			
3 x 4 x 3/16**	24	15 lbs. 6.8 kg	2'
76.2 x 101.6 x 4.8 mm			
3 x 4 x 1/4"	36	30 lbs. 13.6 kg	3'
76.2 x 101.6 x 6.4 mm			
5 x 7 1/4"	26	68 lbs. 30.8 kg	6.32'
127 x 177.8 x 6.4 mm			
1 1/4 x 6 x 3/16"	50	20 lbs. 9.1 kg	2.60'
31.8 x 152.4 x 4.8 mm			
4 x 5 x 1/4"	44	59 lbs. 26.70 kg	6.1'
101.6 x 127 x 6.4 mm			

*(90° Edge Protector)



(844) 595-1338 (303) 937-0139
outlookenterprisesllc@gmail.com

HOW TO APPLY TUF-STUF WEAR PLATES

Listed below are four of the most common applications for the 3x4x3/16", 3x4x1/4", 5x7x1/4", 4x5x1/4" and 1 1/4 x 6x3/16".

1. When spacing plates a distance apart, weld center hole first, then follow diagram #1.
2. For full coverage, weld center hole and then corners as illustrated in diagram #2.
3. The 90° Edge Protector is applied as in #1, except for a 1/2" weld in place of the spot weld. The **Tuf-Stuf Strips** spot weld near the edge at center (see Diagram 3) and on both ends.
4. The 5x7x1/4" and 4x5x1/4" can be applied as in diagram #4.

Each user can vary the welding technique depending upon impact and abrasion. Weld rod, such as 7018, can be used very effectively when welding **Tuf-Stuf Wear Plates**. Higher alloy rods can be applied if it appears the weld could wear before the plate completes its useful life.

When welding **Tuf-Stuf Wear Plates**, maintain the lowest interpass temperature possible. Excessive heat will remove the high hardness from the plates, thus reducing field life. Skip welding is an ideal application method.

DIAGRAM #1

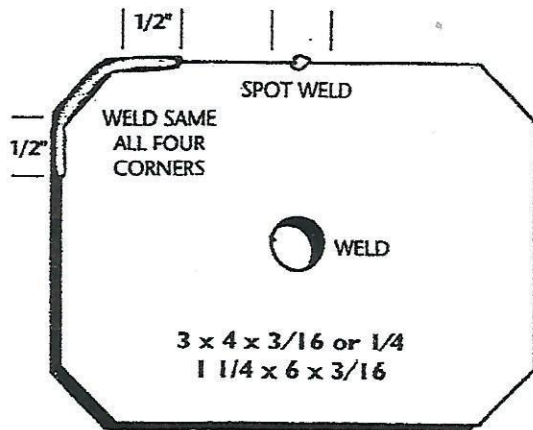


DIAGRAM #2

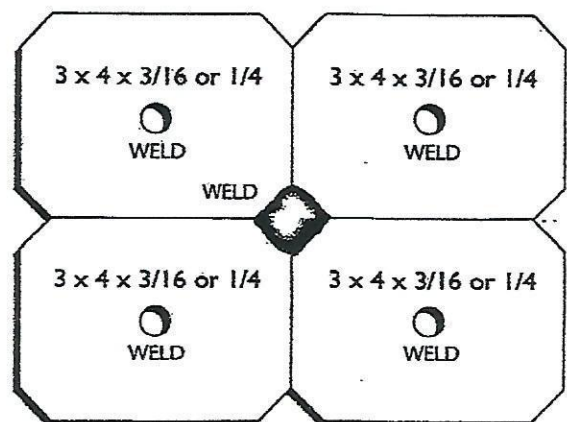


DIAGRAM #3

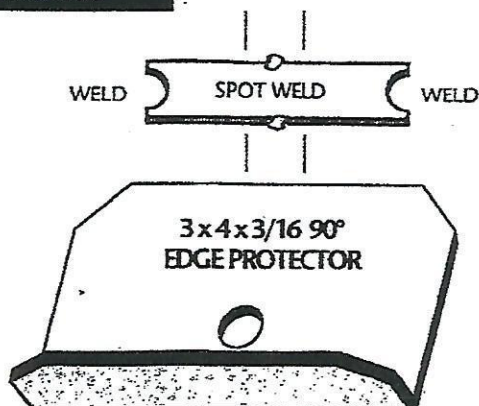
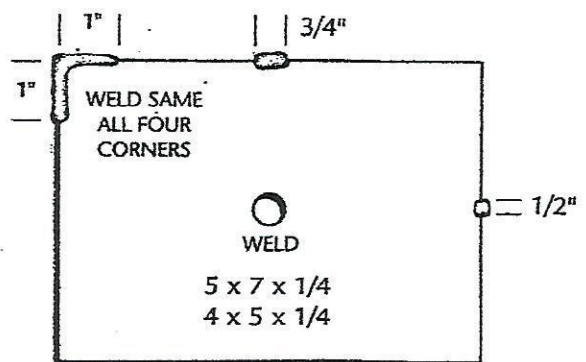


DIAGRAM #4



DRAWINGS NOT TO SCALE