

MIL-STD-22D
NOTICE 1
12 February 1982

MILITARY STANDARD
WELDED JOINT DESIGN

TO ALL HOLDERS OF MIL-STD-22D:

1. THE FOLLOWING PAGES OF MIL-STD-22D HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
27	25 May 1979	(REPRINTED WITHOUT CHANGE)	
27a	12 February 1982	27	25 May 1979
28	25 May 1979	(REPRINTED WITHOUT CHANGE)	

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.

3. Holders of MIL-STD-22D will verify that page changes and additions indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the Military Standard is completely revised or canceled.

Custodians:

Army - MR
Navy - SH
Air Force - 11

Review activities:

Army - ER, CR
Navy - YD

User activities:

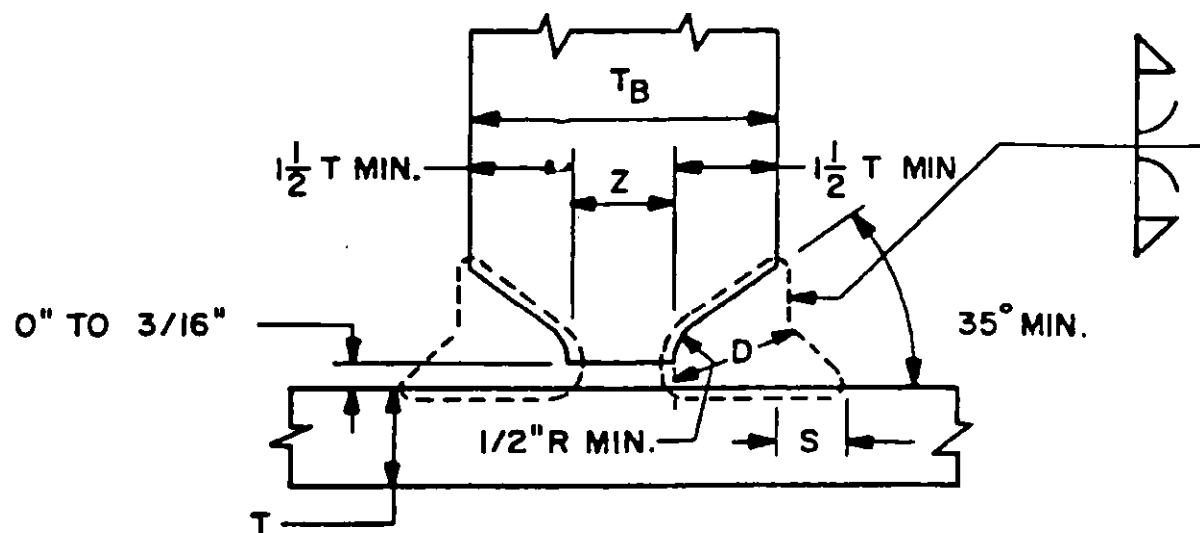
Navy - MC, OS

Preparing activity:

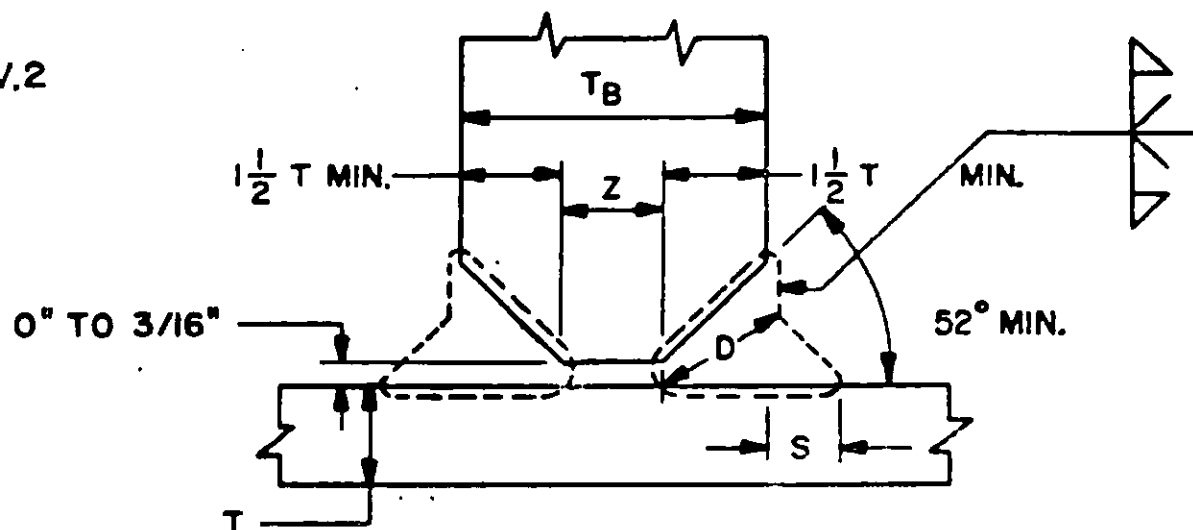
Navy - SH
(Project THJM-0013)

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PT2J.2



PT2V.2



§H11187

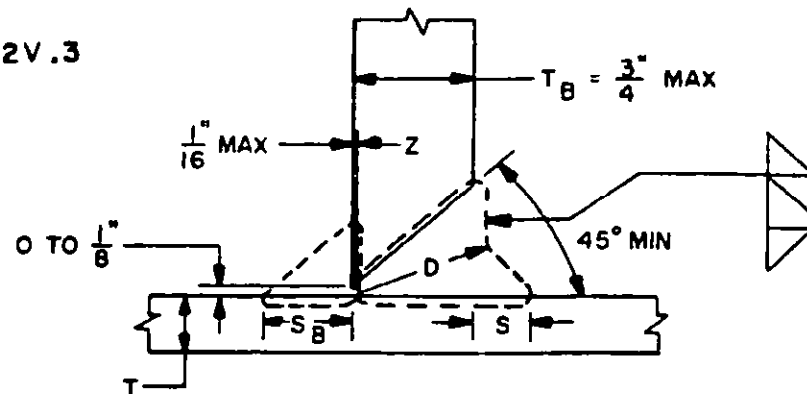
NOTES:

1. For use when "Z" is 1/2 inch or greater.
2. "S" shall be $T/2$ or $3/8$ inch whichever is less.

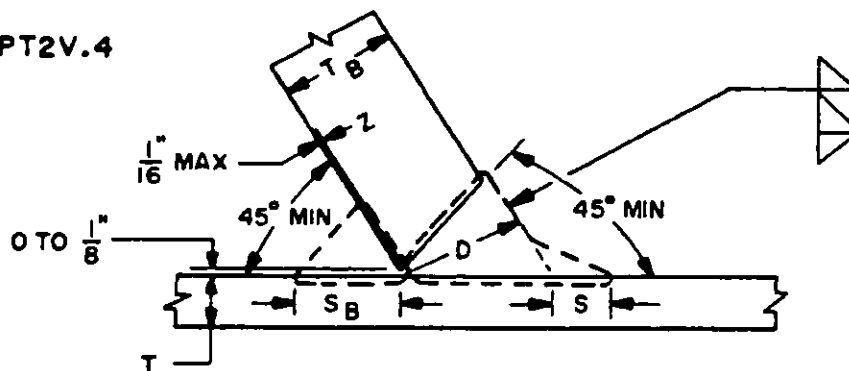
FIGURE 24. Tee joint, fillet-reinforced, double-bevel, partial penetration, PT2J.2, PT2V.2.

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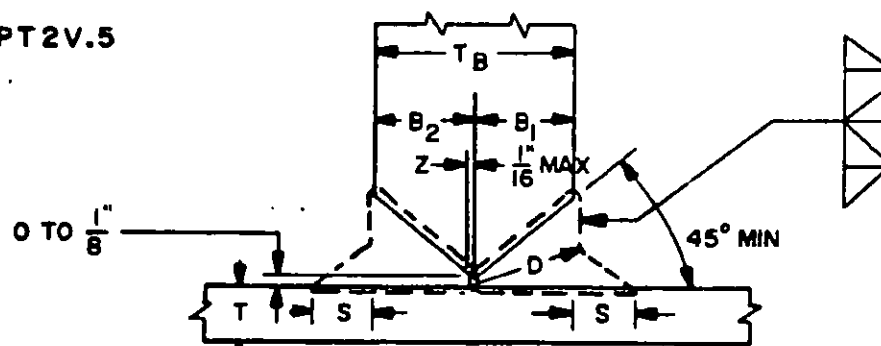
PT2V.3



PT2V.4



PT2V.5



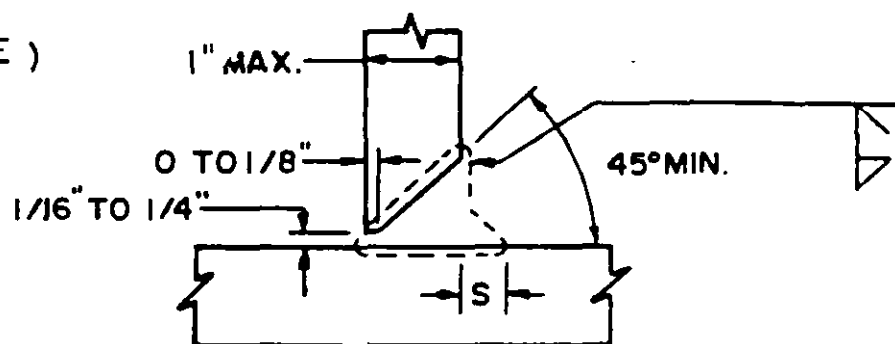
- NOTES:
1. B_1 SHALL NOT EXCEED $2B_2$
 2. S_B SHALL EQUAL $\frac{1}{2} T_B$
 3. S SHALL BE $\frac{T}{2}$ OR $\frac{3}{8}$ INCH WHICHEVER IS LESS.

SH 12073

FIGURE 24A. Tee joint, fillet reinforced, partial penetration, no backgouging required, PT2V.3, PT2V.4, and PT2V.5.

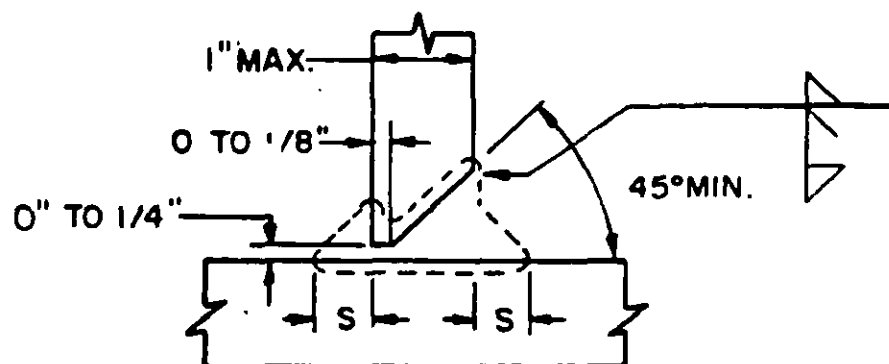
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T1V.3 (SEE NOTE)



WELDED ONE SIDE

T2V.1



WELDED BOTH SIDES

SH1494B

NOTE: Joints welded from one side shall not be used when root of weld is subject to bending tension stress equivalent to one-half the yield strength of the base metal or greater.

FIGURE 25. Tee joint, fillet-reinforced, single-bevel, T1V.3, T2V.1.