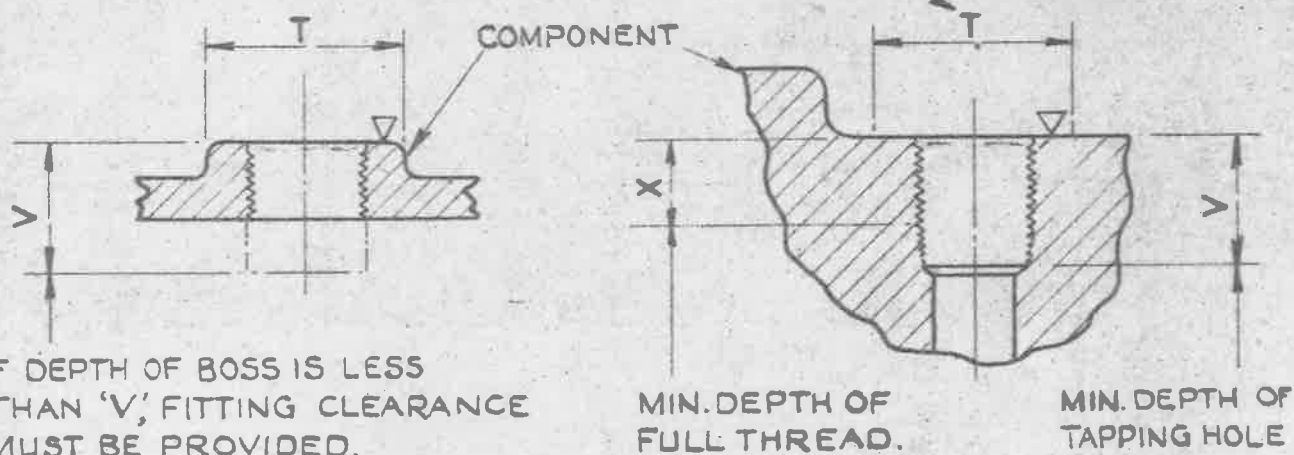


ALL DIMENSIONS ARE IN INCHES

MIN. CLEARANCE DIMENSION FOR HEXAGON CORNERS. EXTRA ALLOWANCE SHOULD BE MADE TO CLEAR SPANNERS AS NECESSARY.

A.G.S. 3014 SHEET 1



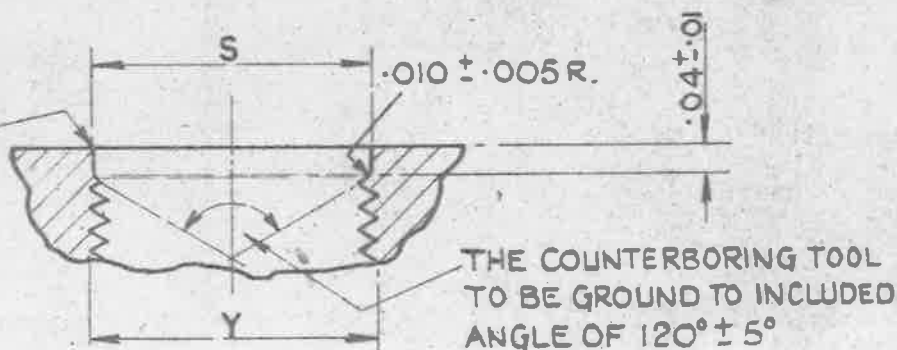
IF DEPTH OF BOSS IS LESS THAN 'V', FITTING CLEARANCE MUST BE PROVIDED.

MIN. DEPTH OF FULL THREAD.

MIN. DEPTH OF TAPPING HOLE

REMOVE SHARP EDGE .005 MAX.

MACHINED WHERE MARKED ∇.



ENLARGED VIEW OF COUNTERBORE

MACHINED SURFACES SHOULD BE NORMAL TO THE AXIS OF THREAD AND ALL DIAMETERS CONCENTRIC WITH EACH OTHER TO REASONABLE WORKING TOLERANCES.

O/D. OF RIGID PIPE OR 1/D. OF FLEXIBLE PIPE TO BE CONNECTED	THREAD Y	X	V	T	S
		MIN.	MIN.	MIN.	± .010
1/16	- 24 U.N.F.	.406	.500	.75	.375
1/4	- 20 U.N.F.	.438	.594	.83	.438
3/16	- 20 U.N.F.	.438	.594	.90	.500
1/2	- 18 U.N.F.	.469	.594	.97	.563
5/8	- 18 U.N.F.	.469	.594	1.04	.625
3/4	- 16 U.N.F.	.562	.718	1.19	.750
7/8	- 14 U.N.F.	.625	.781	1.33	.875
1	- 12 U.N.S.	.688	.906	1.62	1.063
1 1/16	- 12 U.N.S.	.688	.906	1.70	1.188
1 1/8	- 12 U.N.S.	.688	.938	1.92	1.313
1 1/4	- 12 U.N.S.	.688	.984	2.20	1.625
1 3/8	- 12 U.N.S.	.750	1.125	2.50	1.875
1 1/2	- 12 U.N.S.	.812	1.250	2.95	2.250
2	- 12 U.N.S.	.938	1.375	3.25	2.500

NOTE:- U.N. THREADS TO BE IN ACCORDANCE WITH B.S. SPEC. NO. 1580 (LATEST ISSUE) CLASS 2B FIT. SR 477.

TITLE:- DIMENSIONS OF TAPPED BOSSES WITH UNIFIED THREADS FOR PIPE COUPLING UNION ADAPTORS USING PARALLEL GASKETS (i.e. BONDED SEALS)

ISSUE	1	2				
ALT. NO.	1013	1019				

MINISTRY OF SUPPLY
APPLICATIONS FOR A.G.S. SHEETS TO:-
A.T.P. 4, BLOCK 'E', CHESSINGTON, SURREY.
GENERAL ENQUIRIES TO:-
A.D./S.A.E. ST GILES COURT, 1-13
ST GILES HIGH STREET, LONDON W.C.2

R.A.E. APPROVAL	
SIGNATURE	DATE
<i>[Signature]</i>	30.5.56
A.D.S.A.E. APPROVAL	
SIGNATURE	DATE
<i>[Signature]</i>	21/6/56

NUMBER OF SHEETS	1
A.G.S. NO.	3014
SHEET	1