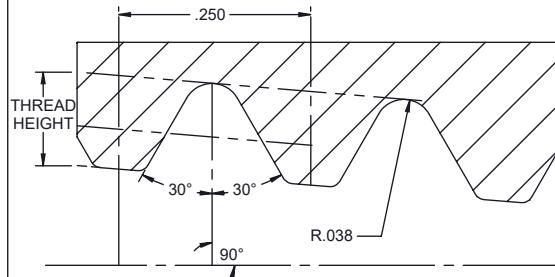
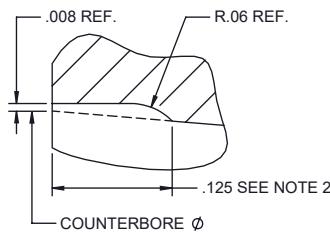


THREAD PROFILE V-038R - MULTI TAPER

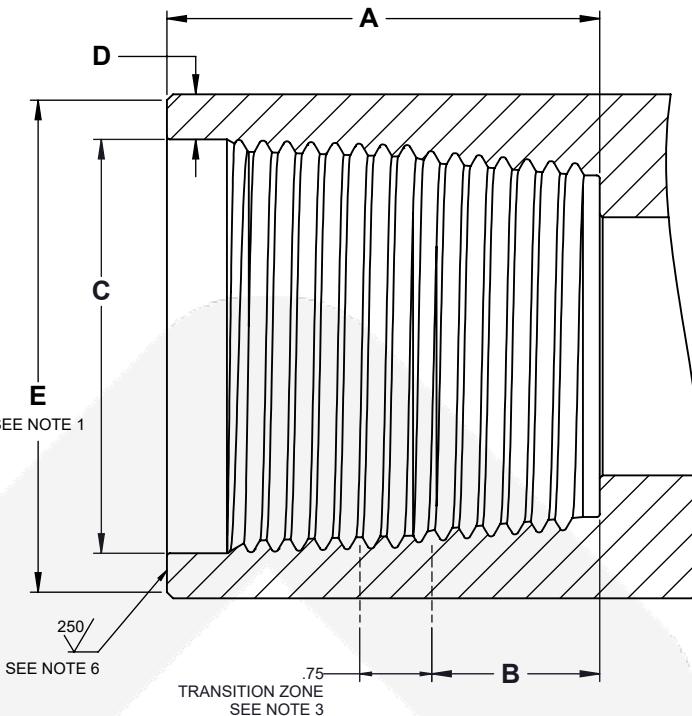


THREAD HEIGHT 0.75TPF - 0.1155 , 2.00TPF - 0.1218

PITCH	LEAD TOLERANCE	TAPER
4 THREADS PER INCH (.250 LEAD)	+.003 PER 1 INCH SEE NOTE 5	2.00 TAPER PER FT. (.0625 in/in) 0.75 TAPER PER FT. (.1667 in/in)



BENCHMARK DETAIL



DUO BOX FIELD INSPECTION DIMENSIONS

CONNECTION	A BOX DEPTH		B TRANSITION LOCATION	C C' BORE +.031 -.015	D MIN WALL	E BEVEL DIA. ±.015	TRANSITION TOOL
	MIN	MAX					
390 DUO	4.502	4.512	1.75	4.077	.250	4.750	D001260
400 DUO	4.494	4.506	1.75	4.311	.250	5.125	D001260
430 DUO	4.494	4.506	1.75	4.418	.250	5.125	D001260
450 DUO	4.494	4.506	1.75	4.604	.313	5.250	D001260
450 DUO (TYPE #2)	4.494	4.506	1.75	4.604	.313	5.312	D001260
480 DUO	4.494	4.506	1.75	4.988	.313	5.500	D001260
480 DUO (480-2)	4.494	4.506	1.75	4.988	.313	5.562	D001260
550 DUO	5.002	5.008	2.00	5.608	.313	6.438	D001260

NOTES:

1. FOR OD LESS THAN BEVEL DIAMETER, 1/32" X 45° CHAMFER BECOMES EFFECTIVE
2. .125 IS FOR NEW CONDITION, MAY BE .063 MIN AFTER REFACING
3. DAMAGE TO TRANSITION ZONE THREAD CRESTS AND THREAD FLANKS TO BE FIELD DRESSED AND/OR REPAIRED
4. TRANSITION ZONE MAY BE IDENTIFIED BY DIRECT MEASUREMENT OR USING TRANSITION ZONE TOOL
5. THREAD PROFILES MAY BE INSPECTED USING D001228 - DUO-01 THREAD PROFILE GAUGE
6. SURFACE FINISH APPLIES DURING REFACING OPERATIONS
7. EQUAL MATERIAL TO BE REMOVED FROM PRIMARY AND SECONDARY SHOULDERS DURING REFACING OPERATIONS.

6	REVISED BOX LENGTH TOLERANCE 450 AND 450 TYPE #2, CHANGE LOGO	1/19/2026	DWD
5	ADDED 450 DUO TYPE #2 BEVEL AND 480 DUO 480-2 BEVEL TO TABLE	12/9/2025	DWD
REV.	DESCRIPTION		DATE
REVISIONS			

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DRAWN	CHECKED	DRAWING #	REV
SC	---	T000285	6
OCT 24/18	---	SHEET: 1 OF 1	