

FED. SUPPLY CLASS

53GP

④ COMPLETELY REVISED

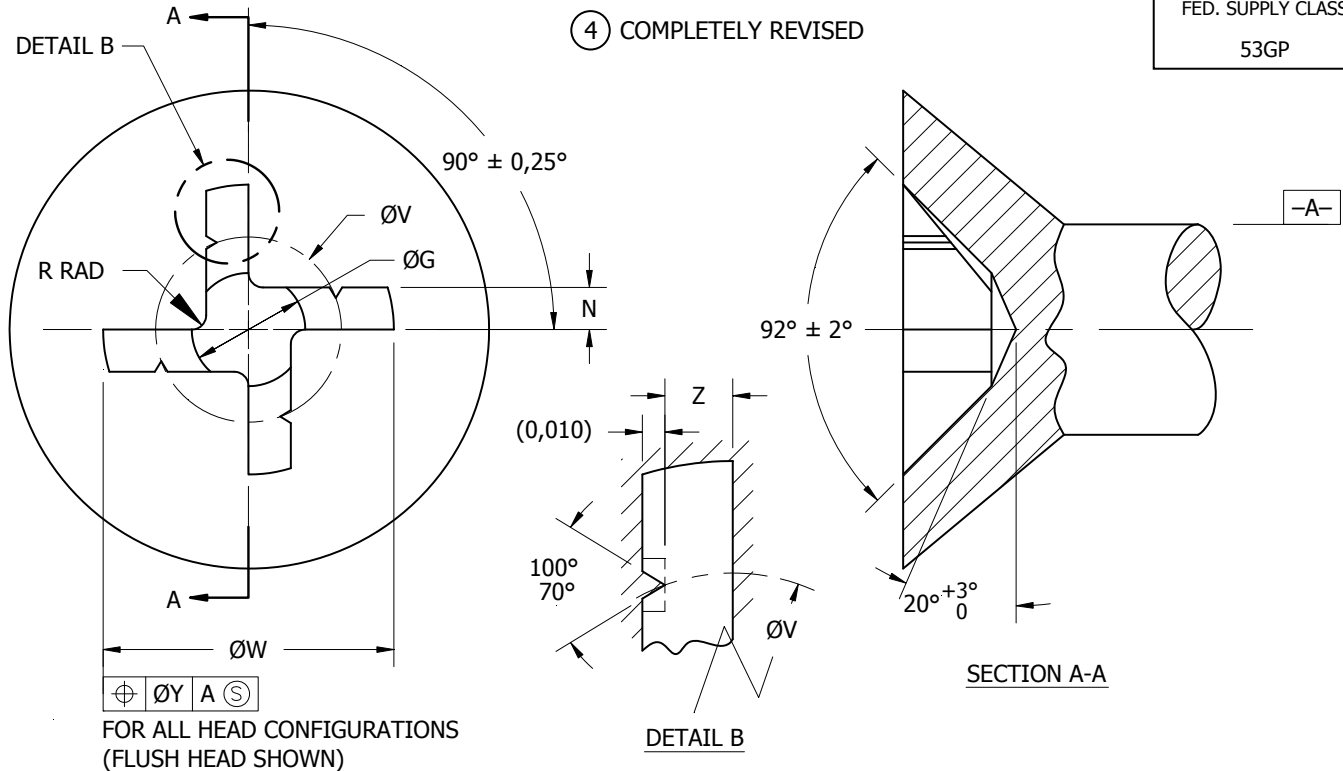


FIGURE 1 - OFFSET CRUCIFORM RECESS

TABLE I - RECESS DIMENSIONS

RECESS NUMBER	N		ØG		R RAD		ØV		Y	Z	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		MAX	MIN
0			0,94	0,84			-	-		-	-
1	0,46	0,41	1,12	1,02	0,25	0,00	-	-		-	-
2			1,32	1,22			-	-		-	-
3	0,53	0,46	1,50	1,40			-	-	0,3	-	-
4	0,58	0,51	1,70	1,60	0,46	0,20	-	-		-	-
6	0,74	0,66	2,08	1,98	0,76	0,41	2,69	2,39		0,648	0,622
8	0,86	0,79	2,44	2,34			3,18	2,87		0,775	0,749
10	0,99	0,91	2,82	2,72			3,68	3,38		0,902	0,876
12	1,12	1,04	3,23	3,12	1,02	0,58	4,37	4,06		-	-
1/4	1,30	1,22	3,73	3,63			4,83	4,52	0,4	1,206	1,181
5/16	1,63	1,55	4,67	4,57	1,32	0,79	6,32	6,02		1,537	1,511
3/8	1,93	1,85	5,59	5,49			-	-		-	-
1/2	2,59	2,49	7,42	7,32	2,26	1,57	-	-		-	-
9/16	2,92	2,82	8,33	8,23			-	-	0,6	-	-
5/8	3,23	3,12	9,27	9,17	2,74	1,98	-	-		-	-
3/4	3,86	3,76	11,10	11,00			-	-		-	-

- (a) RECESS NUMBERS 6 THRU 5/16 HAVE A RIB ON THE REMOVAL WALL OF EACH OF THE FOUR WINGS. THE RIB IS PREFERRED TO BE GENERALLY TRIANGULAR IN SHAPE, THE CREST OF WHICH IS DEFINED BY DIMENSION "Z" AND IS WITHIN THE ENVELOPE SHOWN BY "ØV" MAX AND MIN AND BE ON AT LEAST THE LOWER 75% OF THE WALL.
- (b) DIMENSIONS IN MILLIMETERS.
- (c) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS ± 0,41.

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	RECESS, OFFSET CRUCIFORM, DIMENSIONS OF RECESS, GAGE AND DRIVE, METRIC

REVISION	4
CLASSIFICATION DESIGN STANDARD	DI00025
SHEET 1 OF 6	

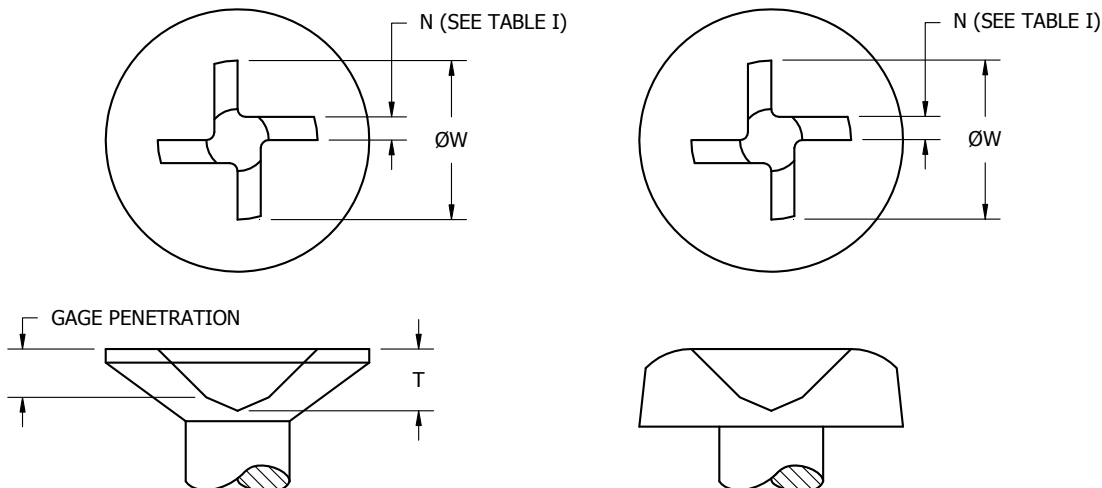


FIGURE 1 – OFFSET CRUCIFORM RECESS (CONTINUED)

TABLE II – 100° FLUSH HEAD

BOLT THREAD SIZE	RECESS AND DRIVER NUMBER	ØW WING	T RECESS DEPTH	GAGE PEN
MJ1,6	0	2,08	0,79	0,572
		1,83	0,53	0,368
MJ2	1	2,49	0,94	0,686
		2,24	0,69	0,470
	2	2,92	1,09	0,800
		2,67	0,84	0,572
MJ2,5	3	3,35	1,24	0,927
		3,10	0,99	0,686
MJ3	4	3,76	1,40	1,029
		3,51	1,14	0,775
MJ3,5	6	4,62	1,68	1,270
		4,37	1,42	1,003
MJ4	8	5,46	1,98	1,511
		5,21	1,73	1,219
MJ5	10	6,30	2,29	1,740
		6,05	2,03	1,422
MJ6	12	7,14	2,59	1,956
		6,88	2,34	1,628
MJ7	1/4	8,26	3,00	2,261
		8,00	2,74	1,905
MJ8	5/16	9,07	3,10	2,184
		8,81	2,84	1,778
MJ10	3/8	10,85	3,68	2,616
		10,59	3,43	2,159
MJ12	1/2	14,43	4,90	3,493
		14,17	4,65	2,934
MJ14	9/16	16,21	5,51	3,924
		15,95	5,26	3,315
MJ16	5/8	17,98	6,12	4,343
		17,73	5,87	3,683
MJ18	3/4	21,56	7,32	5,232
		21,31	7,06	4,470

TABLE III – FLAT TOP PAN HEAD AND HEX HEAD

BOLT THREAD SIZE	RECESS AND DRIVER NUMBER	ØW WING	T RECESS DEPTH	GAGE PEN
MJ1,6	0	2,21	0,84	0,635
		1,96	0,58	0,432
MJ2	1	2,64	0,99	0,762
		2,39	0,74	0,546
	2	3,10	1,17	0,889
		2,84	0,91	0,660
MJ2,5	3	3,56	1,35	1,029
		3,30	1,09	0,787
MJ3	4	3,99	1,50	1,143
		3,73	1,24	0,889
MJ3,5	6	4,90	1,83	1,410
		4,65	1,57	1,143
MJ4	8	5,79	2,16	1,676
		5,54	1,91	1,384
MJ5	10	6,68	2,49	1,930
		6,43	2,24	1,613
MJ6	12	7,59	2,82	2,187
		7,34	2,57	1,854
MJ7	1/4	8,76	3,25	2,515
		8,51	3,00	2,159
MJ8	5/16	9,70	3,40	2,502
		9,45	3,15	2,096
MJ10	3/8	11,61	4,09	2,997
		11,35	3,84	2,540
MJ12	1/2	14,43	4,90	3,493
		14,17	4,65	2,934
MJ14	9/16	16,21	5,51	3,924
		15,95	5,26	3,315
MJ16	5/8	17,98	6,12	4,343
		17,73	5,87	3,683
MJ18	3/4	21,56	7,32	5,232
		21,31	7,06	4,470

REVISION

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Documents

SHEET 2

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