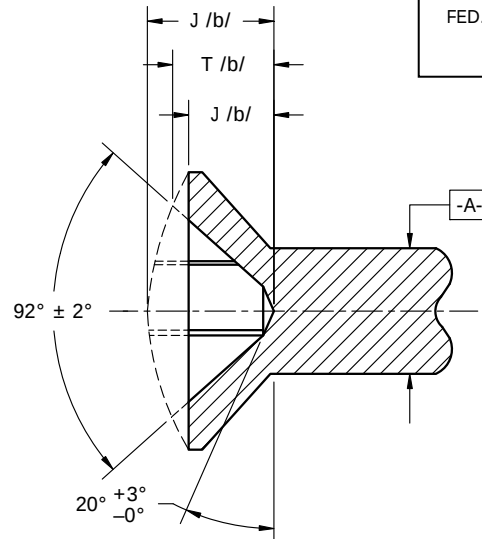
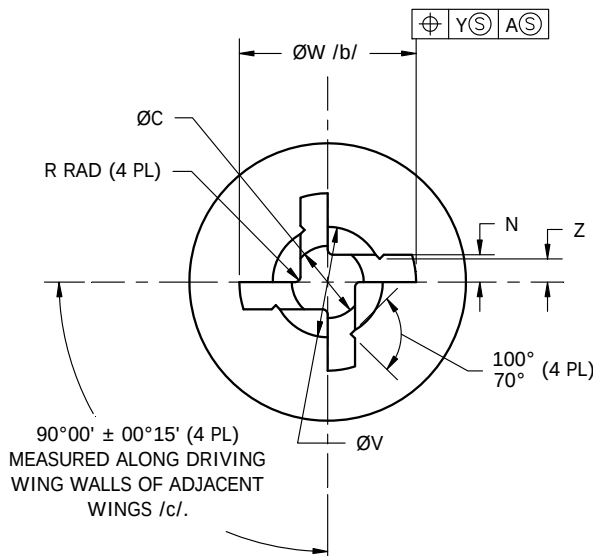




FED. SUPPLY CLASS

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FIGURE 1 – RIBBED OFFSET CRUCIFORM RECESS

TABLE I – RIBBED OFFSET CRUCIFORM RECESS DIMENSIONS

RECESS SIZE	N		ØC		R		ØV		Y	Z	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	TOL	MAX	MIN
6	.029	.026	.082	.078	.030	.016	.106	.094	.012	.0255	.0245
8	.034	.031	.096	.092			.125	.113		.0305	.0295
10	.039	.036	.111	.107	.040	.023	.144	.132	.016	.0355	.0345
1/4	.051	.048	.147	.143			.188	.176		.0475	.0465
5/16	.064	.061	.184	.180			.244	.232		.0605	.0595

NOTES:

- Dimensions in inches.
- The specific part standard or drawing which specifies this recess drive by referencing this document shall specify values for dimensions "J", "ØW", "T", and depth of gage penetration, if the values specified herein are not compatible with the part configuration or performance requirements.
- Recesses shall have ribs on at least the lower 75 percent of the removal wall of each of the four wings.
- For dimensions of non-ribbed recesses sizes 0 through 5/8 inch, see NASM33781.
- Certain provisions of this document are the subject of international standardization agreements NATO STANAG 3802. When change notice, revision or cancellation of this document is proposed which will affect or violate the international agreement concerned, the preparing activity shall take appropriate reconciliation action through international standardization channels, including departmental standardization offices, if required.
- This is a design specification not to be used as a part number.
- This standard takes precedence over documents referenced herein.
- Referenced documents shall be the issue in effect on date of invitations for bid.
- Portions of the technical data contained in this standard are extracted from copyrighted materials by permission of the Phillips Screw Company.

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THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS14191E.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NONE	TITLE RECESS, OFFSET CRUCIFORM, RIBBED DIMENSIONS OF RECESS, GAGE AND DRIVER FOR	CLASSIFICATION DESIGN STANDARD
		NASM14191 SHEET 1 OF 6

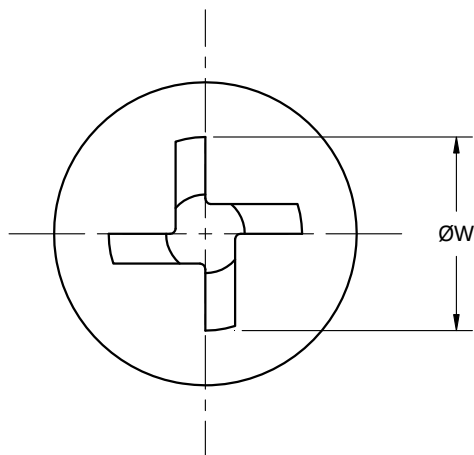


FIGURE 2

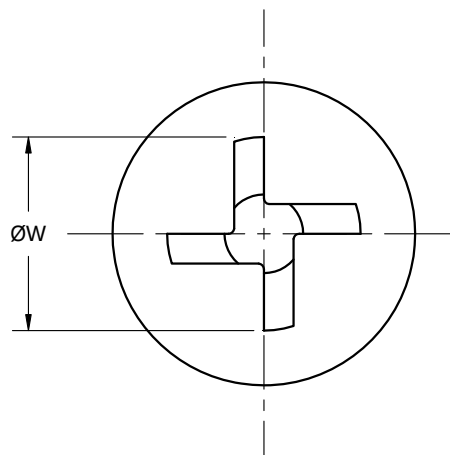


FIGURE 3

TABLE II – 100° FLUSH HEAD

SCREW SIZE	RECESS AND DRIVER SIZE	ØW WING	J RECESS DEPTH	GAGE PEN
6	6	.182 .172	.066 .056	.0500 .0395
8	8	.215 .205	.078 .068	.0595 .0480
10	10	.248 .236	.090 .080	.0685 .0560
1/4	1/4	.325 .315	.118 .108	.0890 .0750
5/16	5/16	.357 .347	.122 .112	.0860 .0700

TABLE III – RECESSED HEXAGON HEAD,
FLAT PAN HEAD, FLAT FILLISTER HEAD

SCREW SIZE	RECESS AND DRIVER SIZE	ØW WING	J RECESS DEPTH	GAGE PEN
6	6	.193 .183	.072 .062	.0555 .0450
8	8	.228 .218	.085 .075	.0660 .0545
10	10	.263 .253	.098 .088	.0760 .0635
1/4	1/4	.345 .335	.128 .118	.0990 .0850
5/16	5/16	.382 .372	.134 .124	.0985 .0825

NOTES:

- Dimensions in inches.
- Gage penetration is defined as the distance to which the gage, shown on Sheet 5, will enter the recess.
- This is a design specification not to be used as a part number.
- This standard takes precedence over documents referenced herein.
- Referenced documents shall be the issue in effect on date of invitations for bid.

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REVISION

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NAS **Documents**

SHEET 2

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