

RATIONALE

FEDERAL SUPPLY CLASS
5305

AS3568 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

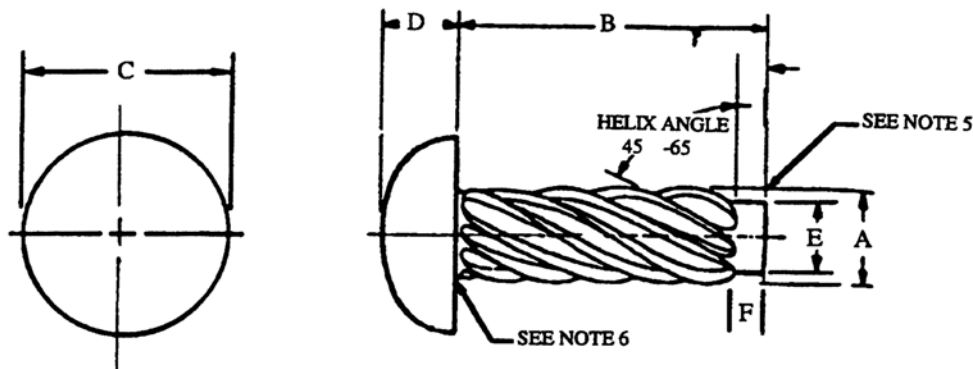


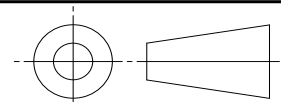
FIGURE 1

TABLE 1

PART NO.	SCREW SIZE (NOM)	THREAD STARTS	ϕA	B LENGTH	ϕC	D	ϕE	F REF	RECOMMENDED HOLE SIZE DRILL SIZE	RECOMMENDED HOLE SIZE HOLE DIA
AS3568-01 AS3568-02 AS3568-03	.058	6	.057-.060	.110-.140 .173-.203 .235-.265	.090-.099	.026-.034	.046-.049	.047	55	.052
AS3568-07 AS3568-08 AS3568-09	.073	6	.072-.075	.110-.140 .173-.203 .235-.265	.118-.127	.041-.049	.060-.063	.047	51	.067
AS3568-13 AS3568-14 AS3568-15	.098	8	.097-.100	.110-.140 .173-.203 .235-.265	.146-.162	.059-.069	.080-.083	.047	44	.086
AS3568-19 AS3568-20 AS3568-21 AS3568-22 AS3568-23	.114	7	.112-.116	.110-.140 .173-.203 .235-.265 .297-.328 .360-.390	.193-.211	.075-.086	.092-.096	.047 .063	37	.104
AS3568-27 AS3568-28 AS3568-29 AS3568-30	.138	7	.136-.140	.235-.265 .297-.328 .360-.390 .469-.531	.240-.260	.091-.103	.112-.116	.047 .063	31	.120
AS3568-35 AS3568-36 AS3568-37	.152	8	.150-.154	.297-.328 .360-.390 .469-.531	.264-.285	.099-.111	.122-.126	.047 .063	29	.136
AS3568-41 AS3568-42 AS3568-43	.164	8	.162-.167	.360-.390 .469-.531 .594-.656	.287-.309	.107-.120	.132-.136	.063 .078	27	.144
AS3568-46 AS3568-47 AS3568-48	.179	8	.177-.182	.360-.390 .469-.531 .594-.656	.334-.359	.123-.137	.146-.150	.063 .078	20	.161
AS3568-52 AS3568-53 AS3568-54	.209	8	.206-.212	.469-.531 .594-.656 .719-.781	.382-.408	.139-.153	.173-.177	.078	11	.191
AS3568-57 AS3568-58 AS3568-59	.239	9	.236-.242	.469-.531 .594-.656 .719-.781	.429-.457	.155-.170	.198-.202	.078	2	.221

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3568>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

SCREW, DRIVE, ROUND HEAD, TYPE U
AMSS504 (UNS S41000)

SAE AS3568
SHEET 1 OF 2