

- Scope.** This design standard defines the dimensional requirements for Six Lobe, Internal Recess Driver Bits.
- Applicable documents.** The following documents of the issue in effect on date of invitation for bids or request for proposal form a part of this design standard to the extent specified herein:

GGG-W-641 Wrench Socket; (and Sockets, Handles, and Attachments for Socket Wrenches; Hand)
NAS1799 Bit, Six Lobe Drive, Internal Recess Specification for
NAS1800 Recess, Six Lobe Drive, Internal Dimensions for Recess and Gages

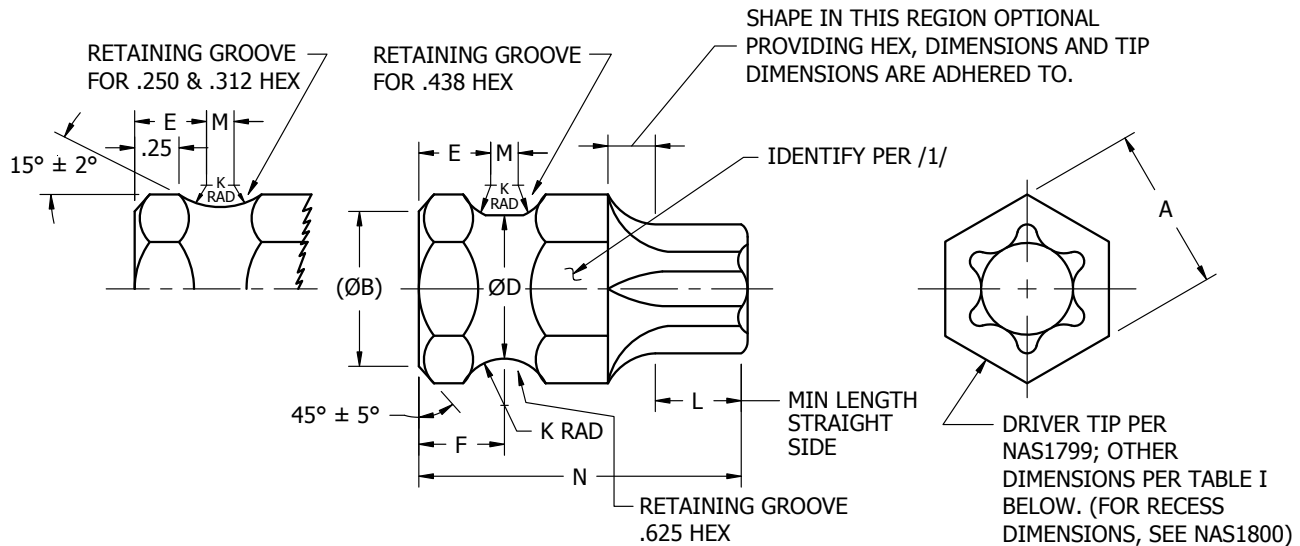


FIGURE 1 – TYPE A

TABLE I – TYPE A

DRIVER PART NUMBER	RECESS NUMBER (REF)	A +.000 −.001	(ØB)	ØD ±.010	E ±.020	F ±.020	K RAD	L MIN	M ±.020	N ±.12
NAS1798-A4-7	T7	.250	.203	.188	.375	—	.094	.060	.062	1.25
NAS1798-A4-10	T10	.250	.203	.188	.375	—	.094	.080	.062	1.25
NAS1798-A4-20	T20	.250	.203	.188	.375	—	.094	.090	.062	1.25
NAS1798-A4-30	T30	.250	.203	.188	.375	—	.094	.125	.062	1.25
NAS1798-A5-30		.312	.266	.250	.406	—	.094		.062	1.25
NAS1798-A4-40	T40	.250	.203	.188	.375	—	.094	.130	.062	1.25
NAS1798-A5-40		.312	.266	.250	.406	—	.094		.062	1.25
NAS1798-A5-50	T50	.312	.266	.250	.406	—	.094	.180	.062	1.25
NAS1798-A7-50		.438	.391	.344	.250	—	.109		.047	1.25
NAS1798-A7-55	T55	.438	.391	.344	.250	—	.109	.200	.047	1.25
NAS1798-A10-55		.625	.578	.531	—	.344	.172		—	1.25
NAS1798-A10-60	T60	.625	.578	.531	—	.344	.172	.300	—	1.25

② COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NAS1799	TITLE BIT, SIX LOBE DRIVE, INTERNAL RECESS, FOR POWER AND HAND TOOLS	CLASSIFICATION DESIGN STANDARD NAS1799 SHEET 1 OF 5

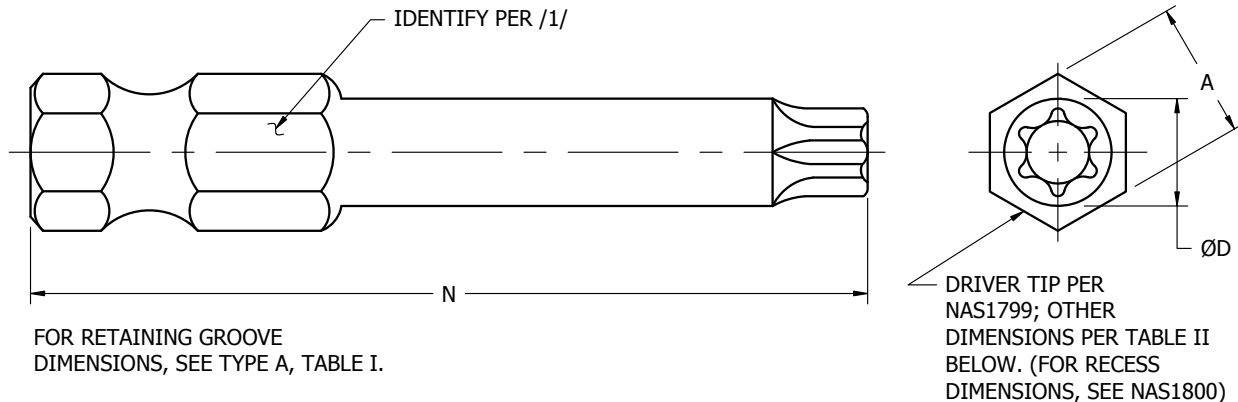


FIGURE 2 – TYPE B

TABLE II – TYPE B

DRIVER PART NUMBER	RECESS NUMBER (REF)	A	ØD	N ± .12			
		+ .000 – .004	+ .000 – .004				
NAS1798-B(/a/)-7	T7	.250	.125	1.88	2.75	3.50	6.00
NAS1798-B(/a/)-10	T10	.250	.150	1.88	2.75	3.50	6.00
NAS1798-B(/a/)-20	T20	.250	.188	1.88	2.75	3.50	6.00
NAS1798-B(/a/)-30	T30	.250	.250	1.88	2.75	3.50	6.00
NAS1798-B(/a/)-40	T40	.312	.312	1.88	2.75	3.50	6.00
NA81798-B(/a/)-50	T50	.438	.438	–	2.75	3.50	6.00
NAS1798-B(/a/)-55	T55	.438	.438	–	2.75	3.50	6.00
NAS1798-B(/a/)-60	T60	.625	.625	–	2.75	3.50	6.00

/a/ Dash numbers indicate driver length "N" in hundredths of an inch. See sheet 4 for examples of part number call out.

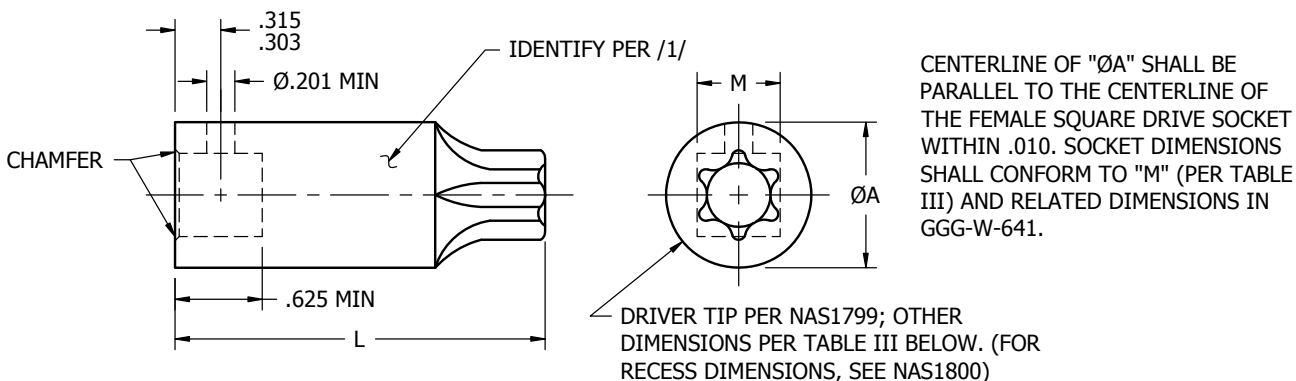


FIGURE 3 – TYPE C

TABLE III – TYPE C

DRIVER PART NUMBER	RECESS NUMBER (REF)	ØA	L	M
		+ .000 – .004	± .12	+ .000 – .005
NAS1798-C40	T40	.750	1.50	.383
NA81798-C50	T50			
NAS1798-C55	T55			
NAS1798-C60	T60	.750	1.50	.383