

4

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F

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E

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C

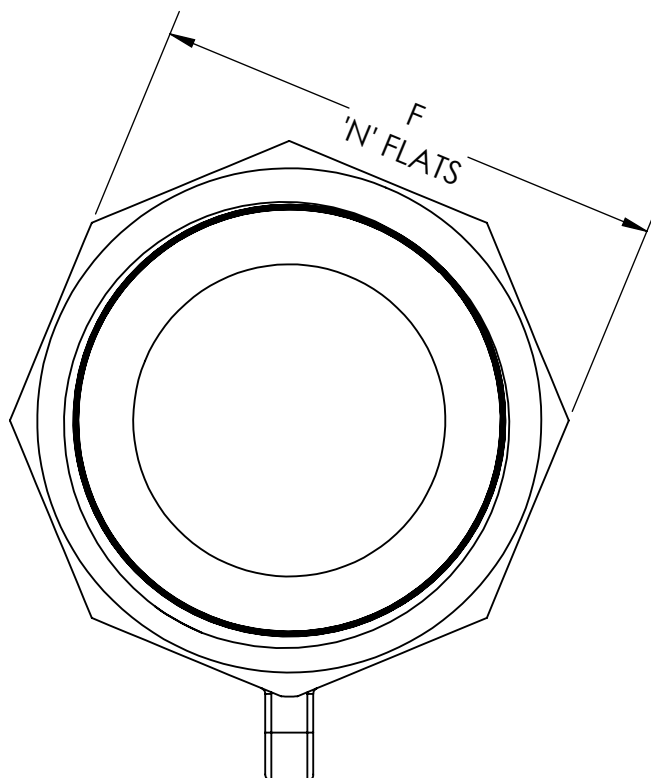
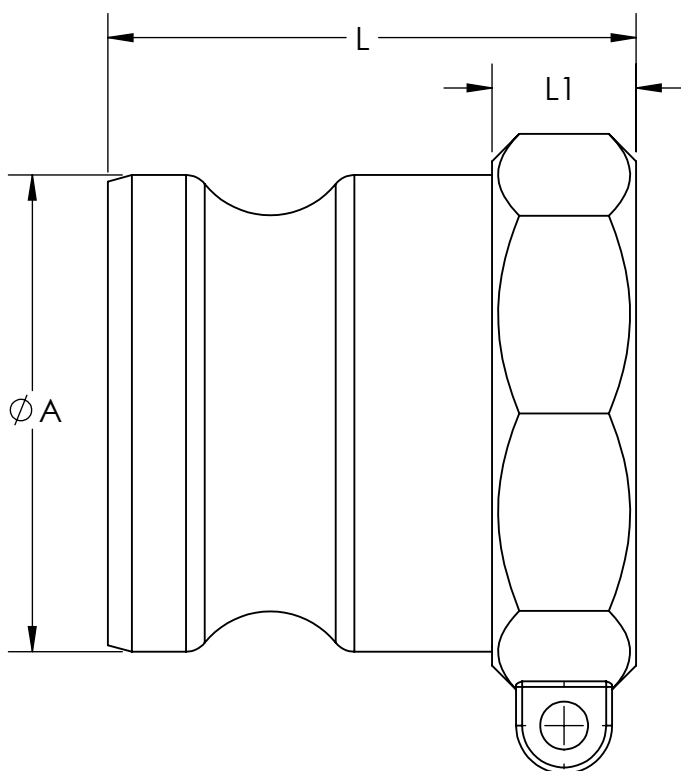
C

B

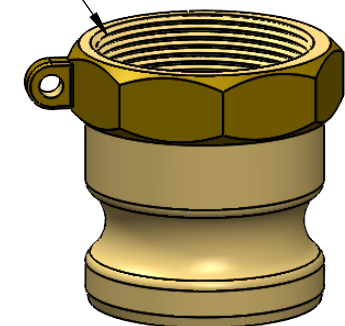
B

A

A



'NB' NPT THREAD



DIMENSIONS TO STANDARD
A-A-59326-1 (FORMERLY
MIL-C-27487G MS27020E)
EXCEPT 1/2" AND 5"

APG RESERVE THE RIGHT TO UPDATE
PRODUCTS WITHOUT NOTIFICATION

NB	Part No.	Ø A	L	L1	F	N	Mass
		(inches)				(number)	(lbs)
1/2"	3E05ABR	0.937	1.575	0.575	1.039	8	0.14
3/4"	3E07ABR	1.264	1.476	0.472	1.280	8	0.22
1"	3E10ABR	1.445	1.752	0.433	1.476	8	0.30
1.1/4"	3E12ABR	1.791	2.126	0.591	1.850	8	0.46
1.1/2"	3E15ABR	2.102	2.126	0.512	2.126	10	0.66
2"	3E20ABR	2.480	2.421	0.551	2.559	10	0.84
2.1/2"	3E25ABR	2.984	2.874	0.945	3.150	10	1.30
3"	3E30ABR	3.602	3.071	1.102	3.740	10	1.56
4"	3E40ABR	4.705	2.835	0.787	4.724	10	2.63
5"	3E50ABR	5.620	3.120	0.930	5.930	12	4.10
6"	3E60ABR	6.929	3.244	1.000	7.008	4 Tabs	5.62
NB	Part No.	Ø A	L	L1	F	N	Mass
		(mm)				(number)	(kg)
1/2"	3E05ABR	23.8	40.0	14.6	26.4	8	0.063
3/4"	3E07ABR	32.1	37.5	12.0	32.5	8	0.097
1"	3E10ABR	36.7	44.5	11.0	37.5	8	0.132
1.1/4"	3E12ABR	45.5	54.0	15.0	47.0	8	0.204
1.1/2"	3E15ABR	53.4	54.0	13.0	54.0	10	0.295
2"	3E20ABR	63	61.5	14.0	65.0	10	0.376
2.1/2"	3E25ABR	75.8	73.0	24.0	80.0	10	0.58
3"	3E30ABR	91.5	78.0	28.0	95.0	10	0.694
4"	3E40ABR	119.5	72.0	20.0	120.0	10	1.17
5"	3E50ABR	142.7	79.2	23.6	150.6	12	1.825
6"	3E60ABR	176	82.4	25.4	178.0	4 Tabs	2.5

2

1

REV.

DATE

REASON FOR ISSUANCE

BY

DRAWN BY: Stephen Adams

DATE DRAWN: April 1st 2025

APPROVED BY: Andy Heaton

DATE APPROVED: April 1st 2025

INFORMATION ON THIS DRAWING IS
CONFIDENTIAL. IT MAY NOT BE USED WITHOUT
PRIOR WRITTEN CONSENT OF THE OWNER.

apg Tough-TITE

COUPLING PRODUCTS

5324 SOUTH NATIONAL DRIVE, KNOXVILLE, TN 37914 USA

Part A Brass Coupling Half, Male
by NPT Internal Pipe Thread (Type I)
Customer Drawing.

SIZE: A4

DWG:

3EXXABR-CUST

REV 0

SCALE: 1:2

DO NOT SCALE DRAWING

SHEET 1 OF 1

MATERIAL:
FORGED BRASS

MACHINING TOLERANCES:

.X	±.03
.XX	±.015
.XXX	±.005
ANGULAR	± 1°
RADII	1/16"

UNLESS OTHERWISE SPECIFIED:
REMOVE ALL CASTING RESIDUE.
BREAK ALL SHARP EDGES.
DEBURR AFTER MACHINING.
THREADS ARE CLASS 2 FIT.
DRAFT ANGLE ≤ 2°
CONCENTRICITY WITHIN .005
CAST FINISH 125-250 RMS.
MACHINE FINISH 32-64 RMS.
ALL DIMENSIONS IN INCHES.

WEIGHT: SEE TABLE



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