

RATIONALE

FEDERAL SUPPLY CLASS
5340

THIS SPECIFICATION WAS CREATED TO FACILITATE THE INSTALLATION OF UNS S32100 SAFETY CABLE ONTO LOW PROFILE BOLTS AND SIMILAR FASTENERS. LOW PROFILE APPLICATIONS SOMETIMES RESULT IN LOOSE CABLE TENSION WHEN THE STANDARD LENGTH FERRULE IS USED. THIS PROVIDES A SUPPLEMENTAL PART THAT ALLOWS FOR A MORE ROBUST INSTALLATION.

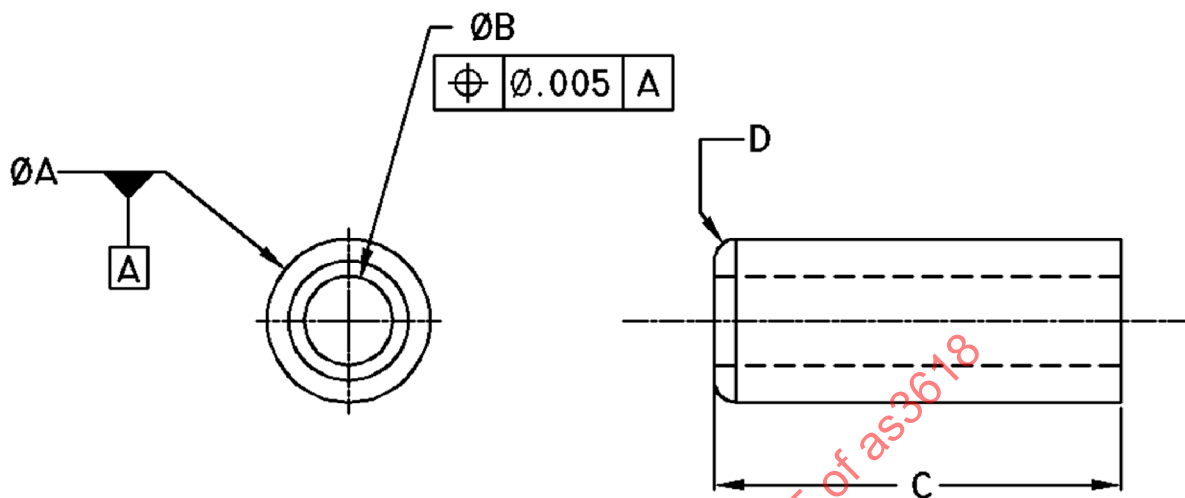


FIGURE 1 – SAFETY CABLE – ELONGATED FERRULE

TABLE 1A – DIMENSIONS A-C

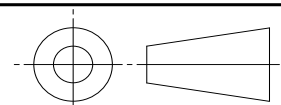
PART NUMBER	Ø A INCH (mm)	Ø B INCH (mm)	C INCH (mm)	USE WITH SAFETY CABLE SIZE: SEE NOTES 2&3
AS3618-01F	.089-.091 (2.26-2.31)	.029-.032 (0.74-0.81)	.185-.200 (4.70-5.08)	.022-.026 (0.56-0.66)
AS3618-02F	.104-.106 (2.64-2.69)	.043-.049 (1.09-1.25)	.305-.325 (7.75-8.26)	.032-.038 (0.81-0.97)
AS3618-03F	.104-.106 (2.64-2.69)	.051-.057 (1.30-1.45)	.305-.325 (7.75-8.26)	.040-.046 (1.02-1.17)
AS3618-04F	.149-.151 (3.78-3.84)	.080-.083 (1.96-2.11)	.365-.385 (9.27-9.78)	.062-.072 (1.57-1.83)

TABLE 1B – RADIUS/CHAMFER DETAILS

PART NUMBER	D RADIUS/CHAMFER (SEE FIGURE 1)
AS3618-01F	NO RADIUS/CHAMFER REQUIRED
AS3618-02F	.055 (1.40) MINIMUM
AS3618-03F	.055 (1.40) MINIMUM
AS3618-04F	.095 (2.41) MINIMUM

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS3618>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4536

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD
CABLE, SAFETY, FERRULE, ELONGATED
CORROSION AND HEAT RESISTANT STEEL, UNS
S32100

SAE AS3618
SHEET 1 OF 2