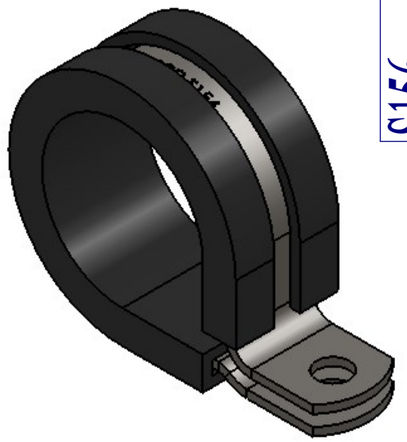
BASIC PART NUMBER	DASH NO. RANGE	"D" DIA. RANGE	"E" DIMENSION	"G" GAP	"R" RADIUS	"T" GAUGE
S156L	-2 THRU -32	1/8" TO 2"	"D"/2 + .390	.070	.062	.020
S156	-2 THRU -10	1/8" TO 5/8"	"D"/2 + .402			.032
S156	-11 THRU -20	11/16" TO 1-1/4"	"D"/2 + .490		.125	.050
S156	-21 THRU -32	1-5/16" TO 2"		.100		
S156	-33 THRU -96	2-1/16" TO 6"	"D"/2 + .534	.125		.062



S156

REV.	CHANGE	DATE	BY	CHK'D	APPR
V	SEE DRAWING CHANGE RECORD ON FILE.	09/25/13	HAD	KWE	HAD

EXAMPLE OF PART CALLOUT:

1" DIA. CLAMP, 2024-T42 ALUM., .020 THK., ANODIZED, W/WEDGED TEFLON

S156 L W D T 16 Z B

- B — BOX CUSHION (OMIT WHEN NOT APPLICABLE)
- Z — FINISH CODE (WHEN APPLICABLE)
- 16 — DIA "D" IN 1/16" INCREMENTS
- T — CUSHION CODE
- D — METAL CODE
- W — WEDGE CODE (OMIT WHEN NOT APPLICABLE)
- L — LIGHT METAL CODE (OMIT WHEN NOT DESIRED)
- S156 — BASIC PART NUMBER

MATERIAL & FINISH CODES:

METAL: "NO CODE" 1008/1020 LOW CARBON STEEL PER ASTM A 1008, ASTM A 109 & QQ-S-698
"S" 4130 ALLOY (CMS) STEEL, ANNEALED PER MIL-S-18729 & AMS 6350
FINISHES: "NO CODE" CADMIUM PLATE BRIGHT PER AMS-QQ-P-416, TY. I, CL. 2
"V" ZINC PLATE BRIGHT PER ASTM B 633, FE/ZN 13, TY. III

METAL: "P" 17-7 PH STAINLESS STEEL PER AMS 5528
"C" 302/304 STAINLESS STEEL PER AMS 5516/AMS 5513 [2]
"SS" 321 STAINLESS STEEL PER AMS 5510 [2]
FINISHES: BALL BURNISH AND PASSIVATE PER AMS 2700, CL. 1, METHOD 1, TY. 6

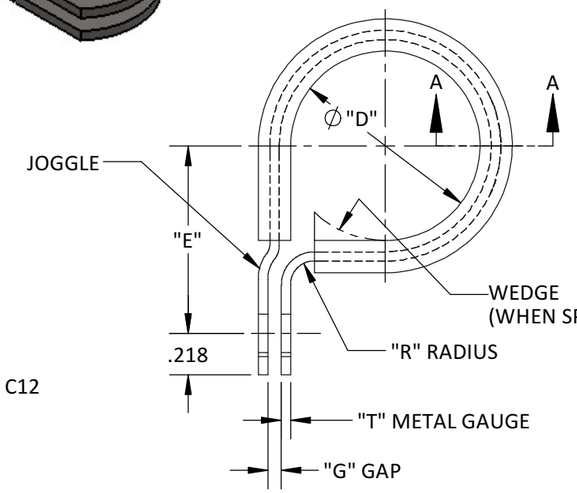
METAL: "D" 2024-T42 ALUMINUM CLAD PER AMS-QQ-A-250/5
FINISHES: "Z" ANODIZE CLEAR PER MIL-A-8625, TY. II, CL. 1
"C" CHEMICAL FILM, GOLD PER MIL-DTL-5541, CL. 1A

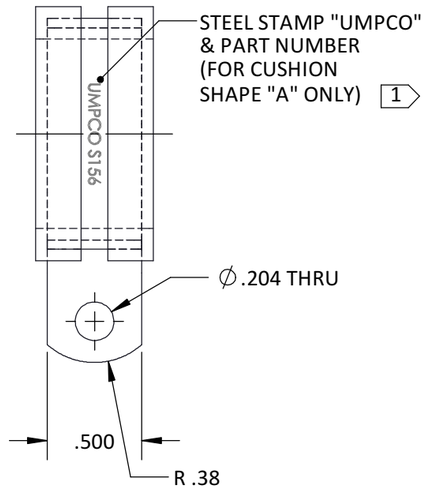
METAL: "DK" 5052-H32 1/4 HARD ALUMINUM PER AMS-QQ-A-250/8
FINISHES: NONE [3]

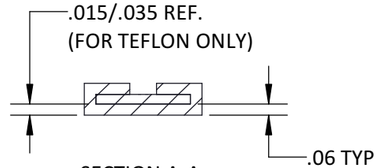
CUSHION:

"E" ETHYLENE PROPYLENE PER MIL-C-8603.
COLOR: PURPLE, SHAPES: A, WEDGE AVAILABLE
"F" NITRILE BUTADIENE PER AMS 3215.
COLOR: YELLOW, SHAPES: A , WEDGE AVAILABLE
"G" GENERAL PURPOSE NEOPRENE PER AMS 3209.
COLOR: BLACK, SHAPES: A & B, WEDGE AVAILABLE
"H" GENERAL PURPOSE SILICONE PER AMS 3303 WITH 100 PSI MIN. TEAR
COLOR: RED/ORANGE/WHITE, SHAPES: A & B, WEDGE AVAILABLE
"P" PTFE IMPREGNATED PBI POLYMIDE-GLASS BLEND FABRIC
PER BPS-C-155 & AMS 3677.
COLOR: BROWN, SHAPES: A
"R" ETHYLENE PROPYLENE PER DMS 1849, TY. 1, CL. II
COLOR: BLACK, SHAPES: A
"T" TEFLON SKIVED PER AMS 3652.
COLOR: WHITE, SHAPES: A, WEDGE AVAILABLE
"X" TEFLON ANTI-SLIP PER AMS 3652
FINISH: SODIUM TREAT PER AMS 2491
COLOR: BROWN, SHAPES: A, WEDGE AVAILABLE

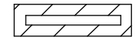
"Y" NITRILE BUTADIENE PER MIL-C-85052/1.
COLOR: YELLOW, SHAPES: A, WEDGE AVAILABLE
"AG" GENERAL PURPOSE EPDM PER SAE J200 M3BA710, C12
COLOR: BLACK, SHAPES: A
"EP" ETHYLENE PROPYLENE PER MIL-C-85052/2
COLOR: PURPLE, SHAPES: A, WEDGE AVAILABLE
"FG" BRAIDED GLASS FIBER
COLOR: SILVERY GRAY
"HA" SILICONE PER BMS-163, BMS-172
COLOR: WHITE, SHAPES: A
"HB" SILICONE PER AMS 3352, PWA36450
COLOR: BROWN, SHAPES: A, WEDGE AVAILABLE
"HL" SILICONE PER MIL-C-8603, AMS 3303 WITH 100 PSI MIN. TEAR
COLOR: NATURAL WHITE, SHAPES: A, WEDGE AVAILABLE
"HR" SILICONE PER AMS-R-3065 TA612, B3, E1, F3, GMZ MSFC-1018
COLOR: PINK, SHAPES:A, WEDGE AVAILABLE
"HT" SILICONE PER MIL-C-85052/3, AMS 3316
COLOR: LIGHT BLUE, SHAPES: A, WEDGE AVAILABLE







SECTION A-A
(SHAPE "A")



SECTION A-A
(SHAPE "B") [1]
(WEDGE NOT AVAILABLE)

SHEET 1 OF 1

NOTES:

1. [1] FOR SHAPE (B) STYLE CUSHIONS (BOX), PARTS SHALL BE PACKAGE IDENTIFIED IN MULTIPLES OF 10, NOT TO EXCEED 100.
2. [2] FOR 302/304 METAL, 321 STAINLESS MAY BE SUBSTITUTED. 321 STAINLESS WILL NOT BE REPLACED BY 302/304 STAINLESS GRADES.
3. [3] CAUSTIC ETCH TO CLEAN AS NEEDED.
4. CLAMPS FURNISHED IN THE NORMAL OPEN (SPRINGBACK) CONDITION.
5. INSPECT PER MIL-C-8603 CLOSURE TEST.

REFERENCES:

LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED:
ANGULAR: X ± 5°
DECIMAL: .XX ± .03; .XXX ± .015

GENERAL MACHINE FINISHES EXCEPT AS NOTED:
INTERPRET GEOMETRIC TOLERANCING PER: ASME-Y14.5M

REMOVE ALL BURRS AND BREAK SHARP EDGES .010 MAX

ACT. WGHT. -
CALC. WGHT. -

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FSCM/CAGE CODE No. 18076

KEL	SMJ	EHK
12/11/64	04/21/99	04/21/99
DRAWN	CHECKED	ENGR

CLAMP, LOOP-CUSHIONED
PART AND/OR ASSEMBLY DESCRIPTION

SIZE B
SCALE: NONE
S156
PRINT NUMBER