

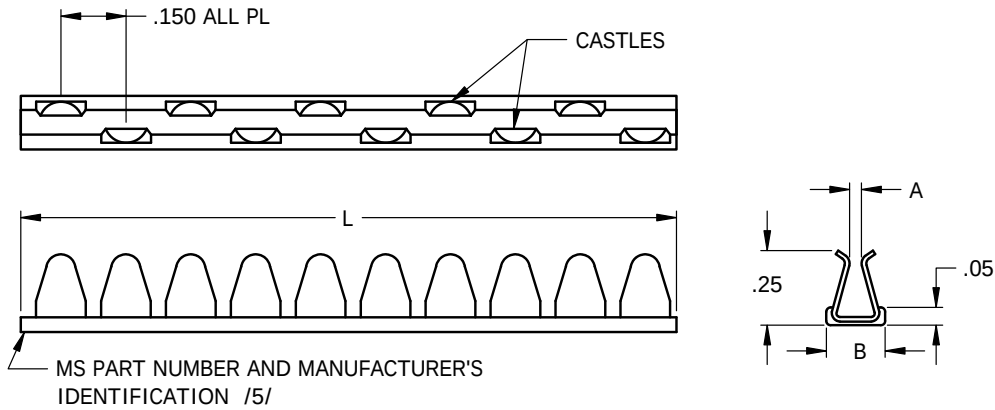


FIGURE 1 – CUSHIONED GROMMET AND CASTLE

TABLE I – MS PART NUMBER & CROSS REFERENCE

MS		SHEET THICKNESS A	UNIT LENGTH L	B	DEVICE TECHNOLOGIES, INC. SOUTHBOROUGH, MA 01772 CAGE CODE: 0HES0 PART NUMBER	
PART NUMBER	DASH VARIATION					
M22529/2	-1R-25	.025	25 FT.	.20	BT1-0025	-ER0602
	-1R-100	.036	100 FT.		BT1-0100	
	-2R-25	.036	25 FT.		BT2-0025	
	-2R-100	.063	100 FT.		BT2-0100	
	-3R-25	.059	25 FT.	.24	BT3-0025	
	-3R-100	.074	100 FT.		BT3-0100	
	-4R-25	.070	25 FT.		BT4-0025	
	-4R-100	.093	100 FT.		BT4-0100	
	-5R-25	.090	25 FT.	.32	BT5-0025	
	-5R-100	.111	100 FT.		BT5-0100	
	-6R-25	.105	25 FT.		BT6-0025	
	-6R-100	.134	100 FT.		BT6-0100	
	-7R-25	.178	25 FT.	.38	BT7-0025	
	-7R-100	.198	100 FT.		BT7-0100	
	-8R-25	.240	25 FT.	.38	BT8-0025	
	-8R-100	.260	100 FT.		BT8-0100	
-nC		—	12.75 IN.	—	BTn-0085	-EC0602
MFE-100		SHEARS FULL BYPASS			#830	

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-DTL-22529/2, REVISION B. PART NUMBERS REMAIN M22529/2.

THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		REVISION 1	
		TITLE GROMMET, CUSHION COMPOSITE, EDGING		CLASSIFICATION PART STANDARD NASM22529-1/2	
PROCUREMENT SPECIFICATION NASM22529				SHEET 1 OF 4	

MATERIAL:

SUBSTRATE:

"1" THRU "7", 1/4 HARD 300 SERIES STAINLESS STEEL PER AMS5517, AMS5903, AMS5907 OR
AMS5310;
"8", 1/2 HARD 300 SERIES STAINLESS STEEL PER AMS5518, AMS5904 OR AMS5911.

COATING:

THERMOSETTING EPOXY, COLOR: LIME GREEN PER FED-STD 595, COLOR NUMBER 14533. /8/

EXAMPLES OF PART NUMBER:

REELS:

M22529/2-4 R-25 (BT4-0025-ER0602)

LENGTH IN FEET

REEL

SHEET THICKNESS

.070"-.093"

BASIC PART NUMBER

M22529/2-6 R-100 (BT6-0100-ER0602)

LENGTH IN FEET

REEL

SHEET THICKNESS

.105"-.134"

BASIC PART NUMBER

CUT LENGTHS: CUT LENGTHS ARE AVAILABLE IN INCREMENTS OF .15. EXAMPLE: CALCULATED LENGTH:

$\varnothing 4.10 \text{ HOLE} \times \pi = 12.88 / .15 = 85.87 \text{ CASTLES}$, CUT SHORTER TO THE NEAREST WHOLE CASTLE.

M22529/2-1 C-85 (BTI-0085-EC0602)

NUMBER OF CASTLES

FACTORY PRE-CUT LENGTH

SHEET THICKNESS .025 -.036

BASIC PART NUMBER

NOTES:

- (1) TOLERANCES UNLESS OTHERWISE SPECIFIED: .XX = $\pm .02$; .XXX = $\pm .010$.
- (2) WITHIN A GIVEN SHEET THICKNESS RANGE AND SPRING CHARACTERISTIC OF THE GROMMET, END USER SHOULD DETERMINE THE GROMMET SIZE BY TRIAL.
- (3) IN APPLICATIONS WHERE A SACRIFICIAL SURFACE IS DESIRABLE THE CUSHION GROMMET MAY BE USED FOR EDGE DRESSING, ODD-SHAPED HOLES, AND CIRCULAR HOLES TO PROVIDE CHAFING PROTECTION.
- (4) U.S. PATENT NO'S 4,769,966 AND 5,343,669 EXPIRE 20 APRIL 2007 AND 6 JULY 2012 RESPECTIVELY. OTHER U.S. AND FOREIGN PATENTS PENDING. THE GOVERNMENT DOES NOT HAVE A ROYALTY-FREE LICENSE.
- /5/ THE MS PART NUMBER, SINGLE-DIGIT DASH VARIATION, AND MANUFACTURER'S IDENTIFICATION TO BE PRINTED AND REPEATED ON THE SURFACE OF THE GROMMET AT LEAST EVERY 10.6 IN. PER FIGURE 1.

REVISION

1

NAS **Documents**
SHEET 2

① COMPLETELY REVISED