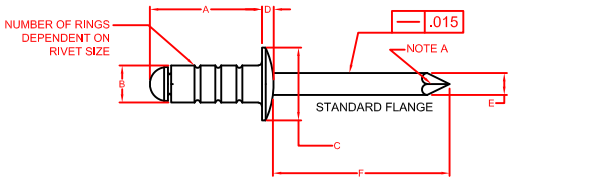
RIVETKING® MGRT MULTIGRIP(RT)
ALUMINUM / STEEL, DOME HEAD, LARGE FLANGE & COUNTERSUNK
CONFORMS TO IFI-116 AND TESTED PER IFI-135 AND ISO-14589

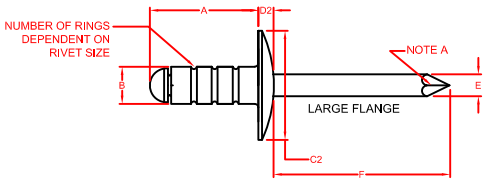
HEAD STYLE	DIAMETER NOM	PART#	GRIP RANGE MIN	GRIP RANGE MAX	BODY LENGTH REF.	RIVET DIA MAX	HEAD DIA MAX	HEAD HEIGHT MAX	MANDREL DIA NOM.	MANDREL PROTR. MIN.	SHEAR TYP	TENSILE TYP	REQ. HOLE SIZE MIN	REQ. HOLE SIZE MAX
DOME HEAD	1/8" (3.2)	ABS41-43MGRT	.039 (1.0)	.187 (4.8)	.433 (11.0)	.128 (3.3)	.262 (6.7)	.051 (1.3)	.076 (1.9)	1.06 (26.9)	150 lbF (667 N)	220 lbF (978 N)	.129 (3.3)	.142 (3.6)
		ABS42-44MG/RT	.039 (1.0)	.252 (6.4)	.433 (11.0)									
		ABS43-45MGRT	.118 (3.0)	.331 (8.4)	.573 (14.6)									
		ABS45-47MGRT	.118 (3.0)	.445 (11.3)	.714 (18.1)									
	5/32" (4.0)	ABS52-54MGRT	.039 (1.0)	.276 (7.0)	.545 (13.9)	.159 (4.1)	.327 (8.3)	.060 (1.6)	.095 (2.4)	1.06 (26.9)	250 lbF (1.1 kN)	360 lbF (1.6 kN)	.160 (4.1)	.173 (4.4)
		ABS53-55MGRT	.118 (3.0)	.354 (9.0)	.625 (15.9)									
		ABS53-57MG/RT	.118 (3.0)	.375 (9.5)	.650 (16.5)									
		ABS56-58MGRT	.197 (5.0)	.551 (14.0)	.860 (21.05)									
	3/16" (4.8)	ABS62-64MGRT	.039 (1.0)	.252 (6.4)	.585 (14.9)	.191 (4.9)	.390 (9.9)	.071 (1.8)	.114 (2.9)	1.06 (26.9)	350 lbF (1.6kN)	505 lbF (2.3 kN)	.192 (4.9)	.205 (5.2)
		ABS63-67MGRT	.118 (3.0)	.457 (11.6)	.765 (19.5)									
		ABS66-68MG/RT	.197 (5.0)	.535 (13.6)	.831 (21.1)									
		ABS66-69MGRT	.197 (5.0)	.598 (15.2)	.876 (22.3)									
		ABS610-612MGRT	.236 (6.0)	.787 (20.0)	1.210 (30.8)									
	1/4" (6.4)	ABS82-86MG/RT	.080 (2.0)	.378 (9.6)	.858 (21.8)	.257 (6.5)	.525 (13.4)	.110 (2.8)	.161 (14.1)	1.25 (31.8)	518 lbF (2.3 kN)	771 lbF (3.4 kN)	.258 (6.6)	.275 (7.0)
		ABS86-88MG/RT	.250 (6.4)	.500 (12.7)	.890 (22.6)									
LARGE FLANGE	1/8" (3.2)	ABS41-43LFMGRT	.039 (1.0)	.187 (4.8)	.433 (11.0)	.128 (3.3)	.390 (9.9)	.055 (1.4)	.076 (1.9)	1.06 (26.9)	150 lbF (667 N)	220 lbF (978 N)	.129 (3.3)	.142 (3.6)
		ABS42-44LFMGRT	.039 (1.0)	.252 (6.4)	.433 (11.0)									
		ABS43-45LFMGRT	.118 (3.0)	.331 (8.4)	.573 (14.6)									
		ABS45-47LFMGRT	.118 (3.0)	.445 (11.3)	.714 (18.1)									
	5/32" (4.0)	ABS52-54LFMGRT	.039 (1.0)	.276 (7.0)	.545 (13.9)	.159 (4.1)	.488 (12.4)	.075 (1.9)	.095 (2.4)	1.06 (26.9)	250 lbF (1.1 kN)	360 lbF (1.6 kN)	.160 (4.1)	.173 (4.4)
		ABS53-55LFMGRT	.118 (3.0)	.354 (9.0)	.625 (15.9)									
		ABS56-58LFMGRT	.197 (5.0)	.551 (14.0)	.860 (21.05)									
	3/16" (4.8)	ABS62-64LFMGRT	.039 (1.0)	.252 (6.4)	.585 (14.9)	.191 (4.9)	.650 (16.5)	.085 (2.2)	.114 (2.9)	1.06 (26.9)	350 lbF (1.6kN)	505 lbF (2.3 kN)	.192 (4.9)	.205 (5.2)
		ABS63-67LFMGRT	.118 (3.0)	.457 (11.6)	.765 (19.3)									
		ABS66-68LFMGRT	.197 (5.0)	.535 (13.6)	.831 (21.1)									
		ABS66-69LFMGRT	.197 (5.0)	.598 (15.2)	.876 (22.3)									
		ABS610-612LFMGRT	.236 (6.0)	.787 (20.0)	1.210 (30.7)									
C-SUNK	1/8" (3.2)	ACS41-44MGRT	.039 (1.0)	.252 (6.4)	.499 (12.7)	.128 (3.3)	.235 (6.0)	.051 (1.3)	.076 (1.9)	1.06 (26.9)	150 lbF (667 N)	220 lbF (978 N)	.129 (3.3)	.142 (3.6)
	3/16" (4.8)	ACS62-64MGRT	.062 (1.6)	.250 (6.4)	.560 (14.2)	.205 (5.2)	.363 (9.2)	.071 (1.8)	.114 (2.9)	1.06 (26.9)	350 lbF (1.6 kN)	505 lbF (2.3 kN)	.192 (4.9)	.205 (5.2)
		ACS64-66MGRT	.078 (2.0)	.375 (9.5)	.725 (18.4)									
		ACS66-68MGRT	.251 (6.4)	.500 (12.7)	.831 (21.1)									

DOME HEAD
ABS-MGRT



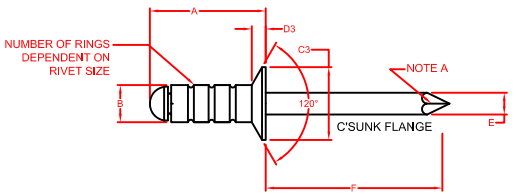
NOTE A: DIAMOND MANDREL POINT PER RIVETKING STANDARD GROOVES ON 8 SERIES MANDREL ONLY

LARGE FLANGE HEAD
ABS-LFMGRT



NOTE A: DIAMOND MANDREL POINT PER RIVETKING STANDARD GROOVES ON 8 SERIES ONLY

COUNTERSUNK HEAD
ACS-MGRT



NOTE A: DIAMOND MANDREL POINT PER RIVETKING STANDARD GROOVES ON 8 SERIES ONLY

REV	DATE	DESCRIPTION
L	6-17-2020	CHG NOM TO REF
k	4-18-2019	TYPO BODY DIA 6 SERIES
J	6-6-2018	ADDED 66-68 AND 42-44
I	6-5-2018	ADDED 5357
H	2-12-2018	REDRAWN FROM ABSMGRT REVG

SURFACE TREATMENT	RIVET: Bright Polish MANDREL: Zn Plated, Cr3+ ROHS Compliant
HEAT TREATMENT:	RIVET: Belt Anneal @ 660°F for 90 Mins. MANDREL: None
MATERIAL:	RIVET: 5052 Aluminum MANDREL: C1010-1022 Steel

PROCESSING: MTL RCPT → COLDFORM1 → ANNEAL → FINISH → COLDFORM2 → FINISH → ASS'LY → FQC → PACK

SHEET 1 OF 1

CHECKED: JGE

DATE: 4-1-08

DRAWN: SBS

DESCRIPTION: ALUMINUM / STEEL RING TYPE MGRT MULTIGRIP BLIND RIVETS

ORIGINAL SHEET SIZE 8.5" X 11"

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN PARENTHESIS REMOVE ALL BURRS AND SHARP EDGES

LIMITS UNLESS STATED: DECIMAL ±.015; ANGULAR ±1°; SURFACE TEXTURE N8 (125)

Industrial Rivet & Fastener Co.

RIVETKING®

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NORTHVALE, NJ, 07647
TEL: (201) 750 1040
info@rivet.com

REV: L

DRAWING NUMBER: ABS-ACS-ABSLF-MGRT

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