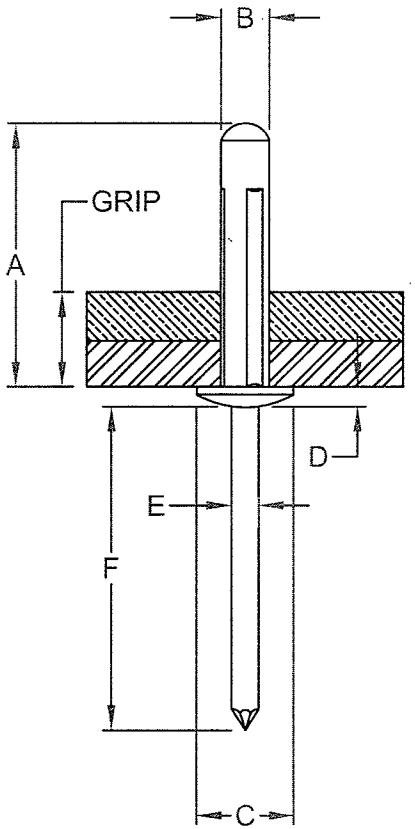
ALUMINUM / ALUMINUM

TESTED ACCORDING TO IFI-135 AND ISO-14589



NOM Ø	PART#	GRIP RANGE MIN	GRIP RANGE MAX	A RIVET LENGTH	C HEAD DIA	D HEAD HEIGHT	E MANDREL DIA	F MANDREL LENGTH	B RIVET DIA	HOLE SIZE	SHEAR	TENSILE
1/8" (3.2)	ABL-0418	.020 (0.5)	.275 (7.0)	.748 (19.0)	.260 (6.6)	.039 (1.0)	.074 (1.9)	1.06 (27.0)	.130 (3.3)	.130~.138 (3.3~3.5)	112 lbF (0.5 kN)	175 lbF (0.78 kN)
	ABL-0418/LF8	.020 (0.5)	.275 (7.0)	.748 (19.0)	.327 (8.3)	.059 (1.6)						
	ABL-0422/LF8	.118 (3.0)	.375 (9.5)	.886 (22.5)								
5/32" (4.0)	ABL-0516	.040 (1.0)	.118 (3.0)	.669 (17.0)	.321 (8.16)	.071 (1.8)	.096 (2.4)	1.06 (27.0)	.165 (4.2)	.165~.177 (4.2~4.5)	179 lbsF (0.8 kN)	225 lbsF (1.0 kN)
	ABL-0523	.040 (1.0)	.275 (7.0)	.871 (22.1)								
	ABL-0525	.040 (1.0)	.335 (8.5)	.937 (23.8)								
	ABL-0530	.157 (4.0)	.472 (12.0)	1.150 (29.2)								
	ABL-0523/LF9	.040 (1.0)	.275 (7.0)	.871 (22.1)	.360 (9.14)	.071 (1.8)						
	ABL-0523/LF12	.040 (1.0)	.275 (7.0)	.871 (22.1)	.472 (12.0)	.076 (1.93)						
3/16" (4.8)	ABL-0619	.039 (1.0)	.156 (4.0)	.760 (19.3)	.396 (10.06)	.080 (2.04)	.114 (2.9)	1.06 (27.0)	.197 (5.0)	.196~.206 (5.0~5.25)	225 lbsF (0.9 kN)	315 lbsF (1.2 kN)
	ABL-0625	.039 (1.0)	.354 (9.0)	.917 (23.3)								
	ABL-0630	.157 (4.0)	.472 (12.0)	1.107 (28.1)								
	ABL-0640	.157 (4.0)	.625 (16.0)	1.283 (32.6)								
	ABL-0650	.551 (14.0)	.750 (19.0)	1.420 (36.1)								
	ABL-0625/LF12	.039 (1.0)	.354 (9.0)	.917 (23.3)	.472 (12.0)	.076 (1.93)						
	ABL-0630/LF12	.157 (4.0)	.472 (12.0)	1.107 (28.1)								
	ABL-0625/LF14	.039 (1.0)	.354 (9.0)	.917 (23.3)	.551 (14.0)	.076 (1.93)						
	ABL-0630/LF14	.157 (4.0)	.472 (12.0)	1.107 (28.1)								
	ABL-0640/LF14	.157 (4.0)	.625 (16.0)	1.283 (32.6)								
	ABL-0625/LF16	.039 (1.0)	.354 (9.0)	.917 (23.3)	.629 (16.0)	.090 (2.3)						
	ABL-0630/LF16	.157 (4.0)	.472 (12.0)	1.107 (28.1)								
	ABL-0640/LF16	.157 (4.0)	.625 (16.0)	1.283 (32.6)								
1/4" (6.35)	ABL-0804	.062 (1.6)	.251 (6.4)	1.043 (26.5)	.574 (14.6)	.118 (3.0)	.151 (3.84)	1.37 (35)	.247 (6.28)	.251~.261 (6.4~6.28)	420 lbsF (1.87 kN)	605 lbsF (2.7 kN)
	ABL-0806	.187 (4.75)	.375 (9.53)	1.166 (29.64)								
		MIN	MAX	MAX	MAX	MAX	REF	MIN	MAX	MIN~MAX	TYP.	TYP.

REV	DESCRIPTION	DATE
O	ABL-08 SERIES REVIEW	10-17-2019
N	ABL-04 EMPIRICAL REVIEW	4-12-2019
M	VARIOUS EDITS ON FILE	4-16-2018
L	REMOVED ABL-0623/LF12	9-20-2017
K	ADD ABL-0804/ REVISE FAMILY	7-17-2017

SURFACE TREATMENT	RIVET: Bright Polish or per cust PO. MANDREL: Clean & Free of Oil
HEAT TREATMENT:	RIVET: PROPRIETARY MANDREL: AS HEADED
MATERIAL:	RIVET: 5052-5056* Aluminum MANDREL: 5056 Aluminum

PROCESSING

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

SHEET 1 OF 1

CHECKED: JGE

DATE: 4-1-08

DRAWN: SBS