

IMPERIAL DIMENSIONS

METRIC DIMENSIONS

PART NO	NOMINAL GRIP RANGE	A DIA		B DIA		D DIA		E DIA		M DIA		N DIA		RECOMMENDED HOLE SIZE	TYPICAL STRENGTH (LBS)	TYPICAL STRENGTH (N)	RECOMMENDED HOLE SIZE
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN				
1661-0418	1/2-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0418	1/32-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0418	1/32-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0418	1/32-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0418	1/32-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0418	1/32-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0418	1/32-3/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0412	3/64-1/4	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0414	5/32-5/16	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0416	7/32-3/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38
1661-0408	.02-1/8	.1258	.1265	.262	.243	.0630	.054	.0630	.054	.0630	.054	.0630	.054	.128	165	735	3.25-3.38

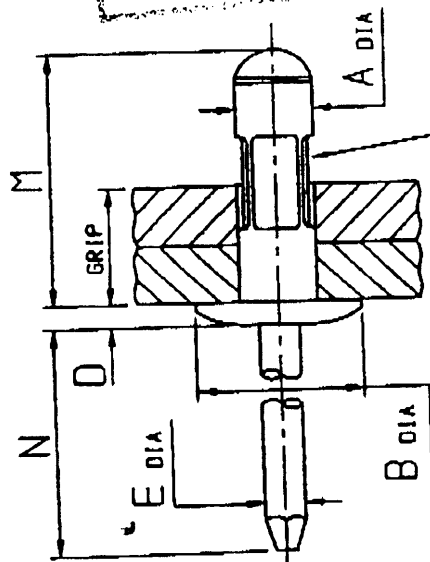
MATERIAL
 9007: ALUMINIUM 2.5% MAGNESIUM ALLOY 5052
 D1N 1725 A1 Rg 2.5
 WERKSTOFF 3.3523

STEEL 1/4, 5/32 & 3/16
 ZINC COATED LOW CARBON STEEL
 BS970 080A15 OR 080A20
 DIN 1654 Cq15 OR Cq22
 WERKSTOFF 1.1132 DR 1.1152

8 mm
 LOW CARBON STEEL BS970 040A12
 DIN 1654 08L36-3 WERKSTOFF 1.0214

NOTES

1. 'AVEX' IS A REGISTERED TRADEMARK OF AVDEL TEXTRON LIMITED
2. TO INSTALL AVDEL FASTENERS USE OF AVDEL SPECIFIED INSTALLATION TOOLING IS RECOMMENDED (SEE APPROPRIATE BROCHURE)
3. AVDEL FASTENERS ARE READY FOR USE AS SUPPLIED AND SHALL NOT BE REPROCESSED OR DEGREASED PRIOR TO INSTALLATION AS THIS MAY AFFECT PERFORMANCE
4. RIVETS FOR USE WITH AUTOMATIC FEED MACHINES (99 AVNATIC) ARE CODED 1661-10XX (5th DIGIT=1)
5. THE MAXIMUM HEAD THICKNESS 'D' AFTER INSTALLATION IS .010(K0.25) LESS THAN THE VALUE STATED IN THE COLUMN 'D' MAX



BODY CRIMPED
 CRIMPING FLASH IS PERMISSIBLE
 CRIMP POSITION MAY VARY
 ACCORDING TO RIVET DIA AND LENGTH

PART DESCRIPTION
 LOW PROFILE HEAD ALUMINIUM ALLOY 2.5% Mg
 (ZINC COATED STEM)

CHECKED BY: D. HALLS ORIGINAL SHEET SIZE: A3

DRAWN: R. D'NEILL DATE: 28/02/91 ISSUE: H2 C.N.: 96/360 97/161

DESCRIPTION: AVEX RIVETS

SCALE: NTS SHEET 1 OF 1 SHEETS [ISSUE 12]

DRAWING NUMBER: 1661 S

AVDEL TEXTRON
 WELFARE GARDEN CITY, HERTFORDSHIRE, ENGLAND

195 320