



Howmet Fastening Systems

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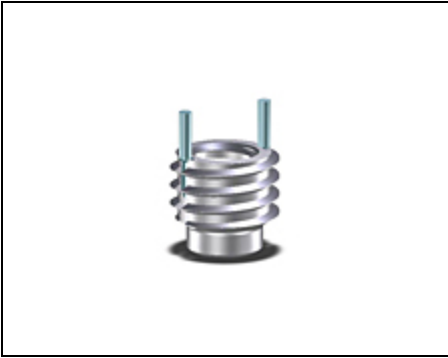
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Miniature Inserts

Miniature Keenserts are for use in electronic and aerospace applications where size and strength are critical. These inserts may be installed in sheet material as thin as 1/16" providing protrusion of insert is not objectional. Their pull-out strength exceeds the tensile strength of most Military Standard screws.

KNC, KNCC, KNCA Series



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Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNC0080JDFL	N/A	303 CRES	Passivate per AMS2700	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
			Cadmium Plate per			

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNC0080JMXSY	N/A	4140 Alloy Steel	AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JNIT	N/A	Nitronic 60 CRES	Passivate per AMS2700	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JT	N/A	A286 CRES	Passivate per AMS2700	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JTDFL	N/A	A286 CRES	Passivate per AMS2700	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0080JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.0600-80 UNJF-3B	0.1380-40 UNF-3A
KNC0632JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNC0632JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNC0632JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	No	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCA0256JDFL	N/A	303 CRES	Passivate per AMS2700	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCA0256JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
(.0002 minimum)						
KNCA0256JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCA0256JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCA0256JSP	N/A	303 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCA0256JTDFL	N/A	A286 CRES	Passivate per AMS2700	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCA0256JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCA0440JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCA0440JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCA0440JMXSY	MS51830A102	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	No	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCA0440JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	No	0.1120-40 UNJC-3B	0.1900-32 UNF-2A

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNCA0440JSP	N/A	303 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCA0440JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCA0832JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCA0832JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCA0832JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	No	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCA0832JSP	N/A	303 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCA0832JTDFL	N/A	A286 CRES	Passivate per AMS2700	No	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCAL0256JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
			Cadmium Plate per			

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNCAL0256JMXSZ	N/A	4140 Alloy Steel	AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JNE	N/A	303 CRES	Passivate per AMS2700	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JNIT	N/A	Nitronic 60 CRES	Passivate per AMS2700	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JSPNE	N/A	303 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JSY	N/A	303 CRES	Cadmium Plate per AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JTNE	N/A	A286 CRES	Passivate per AMS2700	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0256JTSPNE	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.0860-56 UNJC-3B	0.1640-32 UNC-3A
KNCAL0440J	MS51830-102L	303 CRES	Passivate per AMS2700	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0440JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0440JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNCAL0440JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0440JNE	N/A	303 CRES	Passivate per AMS2700	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0440JNIT	N/A	Nitronic 60 CRES	Passivate per AMS2700	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0440JTNE	N/A	A286 CRES	Passivate per AMS2700	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0440JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.1120-40 UNJC-3B	0.1900-32 UNF-2A
KNCAL0832JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCAL0832JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCAL0832JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	Yes	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCAL0832JNE	N/A	303 CRES	Passivate per AMS2700	Yes	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCAL0832JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.1640-32 UNJC-3B	0.2500-28 UNF-2A

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNCAL0832JTSPNE	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.1640-32 UNJC-3B	0.2500-28 UNF-2A
KNCC0256JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JMXSY	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JNIT	N/A	Nitronic 60 CRES	Passivate per AMS2700	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JSP	N/A	303 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JT	N/A	A286 CRES	Passivate per AMS2700	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JTDFL	N/A	A286 CRES	Passivate per AMS2700	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCC0256JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	No	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
			Cadmium Plate per			

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNCCCL0256JM	N/A	4140 Alloy Steel	AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JMXSY	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JSPNE	N/A	303 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JSY	N/A	303 CRES	Cadmium Plate per AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JT	N/A	A286 CRES	Passivate per AMS2700	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JTNE	N/A	A286 CRES	Passivate per AMS2700	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A
KNCCCL0256JTSPNE	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.0860-56 UNJC-3B	0.1380-40 UNF-3A

Item #	MS part number	Material Type	Finish	Internal Thread Lock	Internal Thread Size	External Thread Size
KNCL0632J	MS51830-103L	303 CRES	Passivate per AMS2700	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JM	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JMX	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type I, Class 3 (.0002 minimum)	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JMXSZ	N/A	4140 Alloy Steel	Cadmium Plate per AMS-QQ-P-416, Type II, Class 2 (.0003 minimum)	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JNE	N/A	303 CRES	Passivate per AMS2700	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JNIT	N/A	Nitronic 60 CRES	Passivate per AMS2700	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JSY	N/A	303 CRES	Cadmium Plate per AMS-QQ-P-416, Type II, Class 3 (.0002 minimum)	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JTNE	N/A	A286 CRES	Passivate per AMS2700	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JTSP	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A
KNCL0632JTSPNE	N/A	A286 CRES	Silver Plate per ASTM B700, Type I, Grade A, Class N	Yes	0.1380-32 UNJC-3B	0.2160-28 UNF-2A