



Howmet Fastening Systems

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Item # KNH420J, Heavy Duty Inserts

KNH, MS51831, NAS1395 Series



Specifications

Insert Type	Heavy Duty
MS part number	MS51831-102
Material	303 CRES per AMS 5640 or ASTM-A-582, or 303SE per AMS 5640, AMS 5738 or ASTM-A-582
Finish Description	Passivate per AMS 2700
Lube Description	None
Internal Thread Lock	No
Internal Thread Size	0.2500-20 UNJC-3B
External Thread Size	0.4375-14 UNC-2A
Modified Minor Diameter	0.383/0.375
Shear Engagement Area (in²) Ref.	0.2842
C DIA ±.005	0.257
C'Bore Depth ±.010	0.070

L ±.010	0.375
Tap Drill Diameter	0.401/0.396
C'Sink Diameter +.010 -.000	0.447
Thread Tap Size	0.4375-14 UNC-2B
Thread Tap Depth Min	0.430
Installation Tool Part Number	THD 420L
Removal Drill Size	0.344
Drill Depth ±.010	0.1875