



Howmet Fastening Systems

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Item # KNH616J, Heavy Duty Inserts

KNH, MS51831, NAS1395 Series



Specifications

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| Insert Type | Heavy Duty |
| MS part number | MS51831-104 |
| 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 | 0.3750-16 UNJC-3B |
| External Thread Size | 0.5625-12 UNC-2A |
| Modified Minor Diameter | 0.503/0.495 |
| Shear Engagement Area (in²) Ref. | 0.4975 |
| C DIA ±.005 | 0.380 |
| C'Bore Depth ±.010 | 0.070 |

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| L ±.010 | 0.500 |
| Tap Drill Diameter | 0.521/0.515 |
| C'Sink Diameter +.010 -.000 | 0.572 |
| Thread Tap Size | 0.5625-12 UNC-2B |
| Thread Tap Depth Min | 0.560 |
| Installation Tool Part Number | THD 616L |
| Removal Drill Size | 0.469 |
| Drill Depth ±.010 | 0.1875 |