

B18 WITHDRAWN STANDARDS

DESIGNATION & TITLE	STATUS
<p>B18.2.3.1M – 1999 (R2011) Metric Hex Cap Screws</p> <p>Previous edition 1979 (R1995) ANSI Approved: 5/10/99 ANSI Reaffirmation: 8/15/05; February 24, 2011</p>	<p style="text-align: center;">Withdrawn: August 2, 2012</p> <p style="text-align: center;">In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 40174 and ISO 4017 should be referred to in the future.</p>
<p>B18.2.3.2M – 2005 Metric Formed Hex Screws</p> <p>Previous edition 1979 (R1995) ANSI Approved: 4/29/05</p>	<p style="text-align: center;">Withdrawn: October 20, 2010</p> <p style="text-align: center;">In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4014 and ISO 4017 should be referred to in the future.</p>
<p>B18.2.3.4M – 2001 (R2011) Metric Hex Flange Screws</p>	<p style="text-align: center;">Withdrawn: March 28, 2017</p> <p style="text-align: center;">In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4162 Hexagon Bolts with Flange -- Small Series -- Product Grade A with Driving Feature of Product Grade B should be referred in the future.</p>
<p>B18.2.3.6M – 1979 (R2006) Metric Heavy Hex Bolts</p> <p>ANSI Reaffirmation: 9/21/01, 2/24/06</p>	<p style="text-align: center;">Withdrawn: May 6, 2015</p> <p style="text-align: center;">Withdrawn because this is not referenced in any material standard and it is not used in industry.</p>
<p>B18.2.3.7M – 1979 (R2006) Metric Heavy Hex Structural Bolts</p> <p>ANSI Reaffirmation: 9/21/01, 2/24/06</p>	<p style="text-align: center;">Withdrawn because the content in B18.2.3.7M and B18.2.4.6M has been incorporated into ASME B18.2.6M.</p>
<p>B18.2.3.8M – 1981 (R2005) Metric Hex Lag Screws</p>	<p style="text-align: center;">Withdrawn: September 10, 2010</p> <p style="text-align: center;">Withdrawn due to lack of interest by fastener users. Future users should refer to ASME B18.2.1 for inch version of lag screws.</p>

DESIGNATION & TITLE	STATUS
<p>B18.2.3.10M – 1996 (R2003) Square Head Bolts (Metric Series)</p>	<p>Withdrawn: December 23, 2008</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 8677 and ISO 8678 should be referred to in the future.</p>
<p>B18.2.4.1M – 2002 (R2007) Metric Hex Nuts, Style 1</p> <p>Previous edition 1979 (R1995) ANSI Reaffirmation: 7/11/07</p>	<p>Withdrawn: September 23, 2011</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4032 should be referred to in the future.</p>
<p>B18.2.4.2M – 2005 (R2010) Metric Hex Nuts, Style 2</p> <p>Previous edition 1979 (R1995) ANSI Reaffirmation: August 19, 2010</p>	<p>Withdrawn: September 23, 2011</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4033 should be referred to in the future.</p>
<p>B18.2.4.4M – 1982 (R2010) Metric Hex Flange Nuts</p> <p>ANSI Reaffirmed: 2/03/99, 8/15/05; October 20, 2010</p>	<p>Withdrawn: September 23, 2011</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4161 should be referred to in the future.</p>
<p>B18.2.4.5M – 2008 Metric Hex Jam Nuts</p> <p>Previous edition: 1979</p>	<p>Withdrawn: September 23, 2011</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4035 should be referred to in the future.</p>
<p>B18.2.4.6M – 2010 Metric Heavy Hex Nuts</p> <p>ANSI Reaffirmed: 3/3/98, 7/29/03</p>	<p>Withdrawn: September 23, 2011</p> <p>Withdrawn because the content in B18.2.4.6M has been incorporated into ASME B18.2.6M.</p>

DESIGNATION & TITLE	STATUS
<p>B18.2.7.1M – 2002 (R2007) Metric 12-Spline Flange Screws</p> <p>Erratum published December 2002 ANSI Reaffirmed: 7/11/07</p>	<p>Withdrawn: March 2, 2012</p> <p>Withdrawn due to lack of interest by fastener users. There no other metric fastener standards covering this product.</p>
<p>B18.3.1M – 1986 (R2008) Socket Head Cap Screws – Metric</p> <p>ANSI Reaffirmed: July 31, 2008</p>	<p>Withdrawn: January 24, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4762 should be referred to in the future.</p>
<p>B18.3.2M – 1979 (R2008) Metric Series Hexagon Keys And Bits</p> <p>ANSI Reaffirmed: 3/3/98, 7/8/03, July 15, 2008</p>	<p>Withdrawn: January 24, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 2936 should be referred to in the future.</p>
<p>B18.3.3M – 1986 (R2008) Hexagon Socket Head Shoulder Screws – Metric</p> <p>ANSI Reaffirmed: 6/26/02, July 15, 2008</p>	<p>Withdrawn: January 24, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 7379 should be referred to in the future.</p>
<p>B18.3.4M – 1986 (R2008) Hexagon Socket Button Head Cap Screws – Metric</p> <p>ANSI Reaffirmed: 6/26/02, July 31, 2008</p>	<p>Withdrawn: January 24, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 7380- Part 1 should be referred to in the future.</p>
<p>B18.3.5M – 1986 (R2008) Hexagon Socket Flat Countersunk Head Cap Screws – Metric</p> <p>ANSI Reaffirmed: 6/26/02, July 31, 2008</p>	<p>Withdrawn: January 24, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 10642 should be referred to in the future.</p>

DESIGNATION & TITLE	STATUS
<p>B18.3.6M – 1986 (R2008) Metric Series Hexagon Socket Set Screws</p> <p>ANSI Reaffirmed: 6/27/02, July 31, 2008</p>	<p>Withdrawn: January 24, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 4026, ISO 4027, ISO 4028, ISO 4029 should be referred to in the future.</p>
<p>B18.5.2.1M – 2006 (R2016) Metric Round Head Short Square Neck Bolts</p>	<p>Withdrawn: 11/16/2016</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 8678 Cup Head Square Neck Bolts with Small Head and Short Neck -- Product Grade B Standard should be referred to in the future.</p>
<p>B18.5.2.2M – 1982 (R2010) Metric Round Head Square Neck Bolts</p> <p>ANSI Reaffirmed: 5/24/00, 8/15/05; November 29, 2010</p>	<p>Withdrawn: October 10, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 8677 and ISO 8678 should be referred to in the future.</p>
<p>B18.5.2.3M – 1990 (R2003) Round Head Square Neck Bolts With Large Head (Metric Series)</p>	<p>Withdrawn: August 25, 2008</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 8677 and ISO 8678 should be referred to in the future.</p>
<p>B18.6.4 – 2009 Thread Forming And Thread Cutting Tapping Screws And Metallic Drive Screws (Inch Series)</p>	<p>Consolidated into B18.6.3 on February 5, 2013</p>
<p>B18.6.5M – 2000 (R2010) Metric Thread Forming And Thread Cutting Tapping Screws</p>	<p>Withdrawn: December 08, 2016</p> <p>RC #16-1748 LB #16-2385 Withdrawal (Approved) 08/23/2016 – BSR-8 #2183 12/05/2016 – BSR-9 #1662 12/08/2016 – ANSI Approved Withdrawal</p>

DESIGNATION & TITLE	STATUS
<p>B18.6.7M – 1999 (R2010) Metric Machine Screws</p>	<p>Withdrawn: December 08, 2016</p> <p>RC #16-1749 LB #16-2385 Withdrawal (Approved) 08/23/2016 – BSR-8 #2184 12/05/2016 – BSR-9 #1662 12/08/2016 – ANSI Approved Withdrawal</p>
<p>B18.8.3M – 2000 (R2005) Spring Pins – Coiled Type (Metric Series)</p>	<p>Consolidated into B18.8.100M</p>
<p>B18.8.4M – 2000 (R2005) Spring Pins – Slotted (Metric Series)</p>	<p>Consolidated into B18.8.100M</p>
<p>B18.8.5M – 2000 (R2005) Machine Dowel Pins – Hardened Ground (Metric Series)</p>	<p>Consolidated into B18.8.100M</p>
<p>B18.8.6M – 2000 (R2005) Cotter Pins (Metric Series)</p>	<p>Consolidated into B18.8.200M</p>
<p>B18.8.7M – 2000 (R2005) Headless Clevis Pins (Metric Series)</p>	<p>Consolidated into B18.8.200M</p>
<p>B18.8.8M – 2000 (R2005) Headed Clevis Pins (Metric Series)</p>	<p>Consolidated into B18.8.200M</p>
<p>B18.8.9M – 2000 (R2005) Grooved Pins (Metric Series)</p>	<p>Consolidated into B18.8.100M</p>
<p>B18.8.100M – 2000 (R2010) Spring Pins – Coiled Type, Spring Pins – Slotted, Machine Dowel Pins – Hardened Ground, and Grooved Pins (Metric Series)</p> <p>Consolidation of B18.8.3M, B18.8.4M, B18.8.5M, and B18.8.9M ANSI Reaffirmed: 8/16/05; November 29, 2010</p>	<p>Withdrawn: October 10, 2014</p> <p>This standard is not used in commerce. ISO 8734, ISO 8740, ISO 8750 are the equivalent of this standard that are used worldwide.</p>
<p>B18.8.200M – 2000 (R2010) Cotter Pins, Headless Clevis Pins, and Headed Clevis Pins (Metric Series)</p> <p>Consolidation of B18.8.6M, B18.8.7M, and B18.8.8M ANSI Reaffirmed: 8/16/05; November 29, 2010</p>	<p>Withdrawn: October 16, 2014</p> <p>This standard is not used in commerce. ISO 1234, 2340, and ISO 2341 are the equivalent of this standard that are used worldwide.</p>

DESIGNATION & TITLE	STATUS
<p>B18.15M – 1998 (R2004) Metric Lifting Eyes</p>	<p>Withdrawn: May 13, 2009</p> <p>In an effort to support standardization this ASME B18 standard has been withdrawn in favor of the more widely used metric standard, DIN 580.</p>
<p>B18.15.1M – 1998 (R2004) Forged Lifting Eyes</p>	<p>Consolidated into B18.15M</p>
<p>B18.15.2M – 1998 (R2004) Metric Straight Shank Lifting Eyes</p>	<p>Consolidated into B18.15M</p>
<p>B18.16.1M – 1979 (R2001) Mechanical And Performance Requirements For Prevailing – Torque Type Steel Metric Hex Nuts And Hex Flange Nuts</p>	<p>Consolidated into B18.16M</p>
<p>B18.16.2M – 1979 (R2001) Torque – Tension Test Requirements For Prevailing Torque Type Steel Metric Hex Nuts And Hex Flange Nuts</p>	<p>Consolidated into B18.16M</p>
<p>B18.16.3M – 1998 Dimensional Requirements For Prevailing – Torque Type Steel Metric Hex Nuts And Hex Flange Nuts</p>	<p>Consolidated into B18.16M</p>
<p>B18.17 – 1968 (R1983) Wing Nuts, Thumb Screws, and Wing Screws</p>	<p>Withdrawn: April 16, 1993</p>
<p>B18.18.1 – 2007 Inspection and Quality Assurance For General Purpose Fasteners</p> <p>Previous Edition: 1987 (R2006)</p>	<p>Consolidated into B18.18</p>
<p>B18.18.2M – 2009 Inspection and Quality Assurance For High – Volume Machine Assembly Fasteners</p> <p>ANSI Reaffirmed: 2/03/1999, 8/15/2005</p>	<p>Consolidated into B18.18</p>
<p>B18.18.3M – 1987 (R2005) Inspection and Quality Assurance for Special Purpose Fasteners</p> <p>ANSI Reaffirmed: 02/03/1999, 8/16/2005</p>	<p>Consolidated into B18.18</p>

DESIGNATION & TITLE	STATUS
<p>B18.18.4M – 1987 (R2005) Inspection and Quality Assurance for Fasteners For Highly Specialized Engineered Applications – Metric</p> <p>ANSI Reaffirmed: 2/03/99, 9/19/2005</p>	<p>Consolidated into B18.18</p>
<p>B18.18.5M – 1998 (R2009) Inspection and Quality Assurance Plan Requiring In-Process Inspection And Controls</p> <p>ANSI reaffirmed 7/08/03; April 30, 2009</p>	<p>Consolidated into B18.18</p>
<p>B18.18.6M – 1998 (R2009) Quality Assurance Plan for Fasteners Produced In a Third Party Accreditation System</p> <p>ANSI reaffirmed 7/08/03; April 30, 2009</p>	<p>Consolidated into B18.18</p>
<p>B18.18.7M – 1998 (R2009) Quality Assurance Plan For Fasteners Produced In A Customer Approved Control Plan</p> <p>ANSI Reaffirmed: 2003, February 24, 2009</p>	<p>Consolidated o B18.18</p>
<p>B18.22.1 – 1965 (R2008) Plain Washers</p> <p>(Redesignation of B27.2 – 1965)</p>	<p>Consolidated into B18.21.1</p>
<p>B18.23.1 – 1967 (R1975) Beveled Washers (Inch)</p> <p>(Redesignation of B27.2)</p>	<p>Administratively Withdrawn: 1988</p>
<p>B18.23.2M – ? Beveled Washers (Metric)</p> <p>(Redesignation of B27.4)</p>	<p>Administratively Withdrawn</p>
<p>B18.24.1 – 1996 Part Identifying Number (PIN) Code System Standard for B18 Externally Threaded Fastener Products</p>	<p>Superseded by B18.24 – 2004</p>
<p>B18.24.2 – 1998 (R2003) Part Identifying Number (PIN) Code System Standard for B18 Internally Threaded Fastener Products</p>	<p>Superseded by B18.24 – 2004</p>

DESIGNATION & TITLE	STATUS
<p>B18.24.3 – 1998 (R2003) Part Identifying Number (PIN) Code System Standard for B18 Non – Threaded Fastener Products</p>	<p>Superseded by B18.24 – 2004</p>
<p>B18.25.1M – 1996 (R2008) Square and Rectangular Keys and Keyways</p> <p>ANSI Reaffirmed: 8/25/08</p>	<p>Withdrawn: January 27, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO R 773 should be referred to in the future.</p>
<p>B18.25.2M – 1996 (R2008) Woodruff Keys and Keyways</p> <p>ANSI Reaffirmed: 8/25/08</p>	<p>Withdrawn: January 27, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO 3912 should be referred to in the future.</p>
<p>B18.25.3M – 1998 (R2008) Square and Rectangular Keys And Keyways: Width Tolerances and Deviations Greater Than the Basic Size</p> <p>ANSI Reaffirmed: 8/25/08</p>	<p>Withdrawn January 28, 2014</p> <p>In an effort to support international standardization this ASME B18 standard has been withdrawn and its corresponding international standard ISO R 773 should be referred to in the future.</p>
<p>B18.27.1 – 1998 (R2005) Tapered and Reduced Cross Section Retaining Rings (Inch Series) Part 1 External Type - NA1; Internal Type NA2; E-Ring Type - NA3</p>	<p>Consolidated into B18.27</p>
<p>B18.27.2 – 1998 (R2005) Tapered and Reduced Cross Section Retaining Rings (Inch Series) Part 2 Heavy Duty External - NA4; Reinforced “E” Rings - NA5; “C” Type Rings - NA6</p>	<p>Consolidated into B18.27</p>
<p>B18.27.3 – 1998 (R2005) Tapered and Reduced Cross Section Retaining Rings (Inch Series) Part 3 Bowed External - NA7; Bowed Internal - NA8; Bowed External “E” - NA9</p>	<p>Consolidated into B18.27</p>

DESIGNATION & TITLE	STATUS
<p>B18.27.4 – 1999 (R2005) Tapered and Reduced Cross Section Retaining Rings (Inch Series) Part 4 Inverted External NA10, Inverted Internal NA11, Beveled External NA12, Beveled Internal NA13</p>	<p>Consolidated into B18.27</p>
<p>B18.27.5 – 2000 (R2005) Tapered and Reduced Cross Section Retaining Rings (Inch Series) Part 5 Type NA14 - External Self-Locking Rings; Type NA15 - External Interlocking Rings; Type NA16 - External Bowed Locking Prongs Rings</p>	<p>Consolidated into B18.27</p>
<p>B27.8M – 1978 (R2005) General Purpose Metric Tapered and Reduced Cross Section Retaining Rings-Type 3DM1 – Heavy Duty External Rings, Type 3EM1 – Reinforced E Rings, Type 3FM1-8C Type Rings</p> <p>ANSI Reaffirmed: 02/03/99, 8/16/05</p>	<p>In an effort to support standardization this ASME B18 standard has been withdrawn in favor of the more widely adopted metric standards, DIN 471 and DIN 472.</p>
<p>B18.30.1M – 2000 (R2010) Open – End Blind Rivets with Break Mandrels (Metric Series)</p> <p>ANSI Reaffirmed: 8/16/05; December 14, 2010</p>	<p>Withdrawn: October 10, 2014</p> <p>This standard is not used in commerce. ISO 15977, ISO 15979, and ISO 15981 are the equivalent of this standard that are used worldwide.</p>
<p>FAP-1 – 1995 Quality Assurance Program Requirements for Fastener Manufacturers and Distributors</p>	<p>Withdrawn: April 12, 2005</p> <p>ASME approved the sun-setting of the ASME Fastener Accreditation Program and the three-year phase out period ended April 12, 2005, after which any certificates are expired.</p>

Revised: 10/05/2017 by A. L. Guzman Rodriguez