

***BESTOOL®***

# **GAGE CATALOG**

**量 规**



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## 公制螺纹环塞规 Metric Thread Plug &amp; Ring Gages

- 用于检测内外螺纹尺寸 / Used for gauging internal & external thread.
- 符合如下标准 / Conform to: ISO1502-1996,DIN13, DIN2285-89,GB3934-2003.
- 螺纹头形式: 国内-25mm 以内是整体的, 25 以上是分体的结构; 出口-两头为椎体锁紧形式。  
Type: Size below 25mm, it is solid type, 25mm above, one end with handle  
or, size below 50mm: taperlock plug gauges, 50mm above, one end with handle.
- 订货要求: 数量, 接头形式, 尺寸, 牙数, 通止, 等级, 手柄要求, 标记等参数。同时特殊规格也可以订货。  
How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.



| Size<br>公称尺寸<br>(mm) | Plug Gages<br>Go & No Go<br>成套螺纹塞规<br>6H<br>货号 Order No. | Solid Ring Gages<br>Go & No Go<br>成套螺纹环规<br>6g<br>货号 Order No. |
|----------------------|----------------------------------------------------------|----------------------------------------------------------------|
| M1.4X0.30            | 1617-0001                                                | 1618-1001                                                      |
| M1.6X0.35            | 1617-0004                                                | 1618-1004                                                      |
| M1.8X0.35            | 1617-0008                                                | 1618-1008                                                      |
| M2.0x0.40            | 1617-0011                                                | 1618-1011                                                      |
| M2.0x0.25            | 1617-0012                                                | 1618-1012                                                      |
| M2.2x0.45            | 1617-0021                                                | 1618-1021                                                      |
| M2.2x0.25            | 1617-0022                                                | 1618-1022                                                      |
| M2.5x0.45            | 1617-0031                                                | 1618-1031                                                      |
| M2.5x0.35            | 1617-0032                                                | 1618-1032                                                      |
| M3.0x0.50            | 1617-0041                                                | 1618-1041                                                      |
| M3.0x0.35            | 1617-0042                                                | 1618-1042                                                      |
| M3.5x0.60            | 1617-0051                                                | 1618-1051                                                      |
| M3.5x0.35            | 1617-0052                                                | 1618-1052                                                      |
| M4.0x0.70            | 1617-0061                                                | 1618-1061                                                      |
| M4.0x0.50            | 1617-0062                                                | 1618-1062                                                      |
| M4.5x0.75            | 1617-0063                                                | 1618-1063                                                      |
| M5.0x0.80            | 1617-0071                                                | 1618-1071                                                      |
| M5.0x0.50            | 1617-0072                                                | 1618-1072                                                      |
| M6.0x1.00            | 1617-0081                                                | 1618-1081                                                      |
| M6.0x0.75            | 1617-0082                                                | 1618-1082                                                      |
| M6.0x0.50            | 1617-0083                                                | 1618-1083                                                      |
| M7.0x1.00            | 1617-0084                                                | 1618-1084                                                      |
| M8.0x1.25            | 1617-0091                                                | 1618-1091                                                      |
| M8.0x1.00            | 1617-0092                                                | 1618-1092                                                      |
| M8.0x0.75            | 1617-0093                                                | 1618-1093                                                      |
| M8.0x0.50            | 1617-0094                                                | 1618-1094                                                      |
| M10.0x1.50           | 1617-0101                                                | 1618-1101                                                      |
| M10.0x1.25           | 1617-0102                                                | 1618-1102                                                      |
| M10.0x1.00           | 1617-0103                                                | 1618-1103                                                      |
| M10.0x0.75           | 1617-0104                                                | 1618-1104                                                      |
| M10.0x0.50           | 1617-0105                                                | 1618-1105                                                      |
| M12.0x1.75           | 1617-0111                                                | 1618-1111                                                      |
| M12.0x1.50           | 1617-0112                                                | 1618-1112                                                      |
| M12.0x1.25           | 1617-0113                                                | 1618-1113                                                      |
| M12.0x1.00           | 1617-0114                                                | 1618-1114                                                      |
| M12.0x0.75           | 1617-0115                                                | 1618-1115                                                      |
| M12.0x0.50           | 1617-0116                                                | 1618-1116                                                      |
| M14.0x2.00           | 1617-0121                                                | 1618-1121                                                      |
| M14.0x1.50           | 1617-0122                                                | 1618-1122                                                      |
| M14.0x1.25           | 1617-0123                                                | 1618-1123                                                      |
| M14.0x1.00           | 1617-0124                                                | 1618-1124                                                      |
| M14.0x0.75           | 1617-0125                                                | 1618-1125                                                      |
| M14.0x0.50           | 1617-0126                                                | 1618-1126                                                      |
| M16.0x2.00           | 1617-0131                                                | 1618-1131                                                      |
| M16.0x1.50           | 1617-0132                                                | 1618-1132                                                      |
| M16.0x1.00           | 1617-0133                                                | 1618-1133                                                      |
| M16.0x0.75           | 1617-0134                                                | 1618-1134                                                      |
| M16.0x0.50           | 1617-0135                                                | 1618-1135                                                      |
| M18.0x2.50           | 1617-0141                                                | 1618-1141                                                      |
| M18.0x2.00           | 1617-0142                                                | 1618-1142                                                      |

| Size<br>公称尺寸<br>(mm) | Plug Gages<br>Go & No Go<br>成套螺纹塞规<br>6H<br>货号 Order No. | Solid Ring Gages<br>Go & No Go<br>成套螺纹环规<br>6g<br>货号 Order No. |
|----------------------|----------------------------------------------------------|----------------------------------------------------------------|
| M18.0x1.50           | 1617-0143                                                | 1618-1143                                                      |
| M18.0x1.00           | 1617-0144                                                | 1618-1144                                                      |
| M18.0x0.75           | 1617-0145                                                | 1618-1145                                                      |
| M18.0x0.50           | 1617-0146                                                | 1618-1146                                                      |
| M20.0x2.50           | 1617-0151                                                | 1618-1151                                                      |
| M20.0x2.00           | 1617-0152                                                | 1618-1152                                                      |
| M20.0x1.50           | 1617-0153                                                | 1618-1153                                                      |
| M20.0x1.00           | 1617-0154                                                | 1618-1154                                                      |
| M20.0x0.75           | 1617-0155                                                | 1618-1155                                                      |
| M20.0x0.50           | 1617-0156                                                | 1618-1156                                                      |
| M22.0x2.50           | 1617-0161                                                | 1618-1161                                                      |
| M22.0x2.00           | 1617-0162                                                | 1618-1162                                                      |
| M22.0x1.50           | 1617-0163                                                | 1618-1163                                                      |
| M22.0x1.00           | 1617-0164                                                | 1618-1164                                                      |
| M22.0x0.75           | 1617-0165                                                | 1618-1165                                                      |
| M22.0x0.50           | 1617-0166                                                | 1618-1166                                                      |
| M24.0x3.00           | 1617-0171                                                | 1618-1171                                                      |
| M24.0x2.00           | 1617-0172                                                | 1618-1172                                                      |
| M24.0x1.50           | 1617-0173                                                | 1618-1173                                                      |
| M24.0x1.00           | 1617-0174                                                | 1618-1174                                                      |
| M24.0x0.75           | 1617-0175                                                | 1618-1175                                                      |
| M24.0x0.50           | 1617-0176                                                | 1618-1176                                                      |
| M27.0x3.00           | 1617-0181                                                | 1618-1181                                                      |
| M27.0x2.00           | 1617-0182                                                | 1618-1182                                                      |
| M27.0x1.50           | 1617-0183                                                | 1618-1183                                                      |
| M27.0x1.00           | 1617-0184                                                | 1618-1184                                                      |
| M27.0x0.75           | 1617-0185                                                | 1618-1185                                                      |
| M27.0x0.50           | 1617-0186                                                | 1618-1186                                                      |
| M30.0x3.50           | 1617-0191                                                | 1618-1191                                                      |
| M30.0x3.00           | 1617-0192                                                | 1618-1192                                                      |
| M30.0x2.00           | 1617-0193                                                | 1618-1193                                                      |
| M30.0x1.50           | 1617-0194                                                | 1618-1194                                                      |
| M30.0x1.00           | 1617-0195                                                | 1618-1195                                                      |
| M30.0x0.75           | 1617-0196                                                | 1618-1196                                                      |
| M33.0x3.50           | 1617-0201                                                | 1618-1201                                                      |
| M33.0x3.00           | 1617-0202                                                | 1618-1202                                                      |
| M33.0x2.00           | 1617-0203                                                | 1618-1203                                                      |
| M33.0x1.50           | 1617-0204                                                | 1618-1204                                                      |
| M33.0x1.00           | 1617-0205                                                | 1618-1205                                                      |
| M33.0x0.75           | 1617-0206                                                | 1618-1206                                                      |
| M36.0x4.00           | 1617-0211                                                | 1618-1211                                                      |
| M36.0x3.00           | 1617-0212                                                | 1618-1212                                                      |
| M36.0x2.00           | 1617-0213                                                | 1618-1213                                                      |
| M36.0x1.50           | 1617-0214                                                | 1618-1214                                                      |
| M36.0x1.00           | 1617-0215                                                | 1618-1215                                                      |
| M39.0x4.00           | 1617-0221                                                | 1618-1221                                                      |
| M39.0x3.00           | 1617-0222                                                | 1618-1222                                                      |
| M39.0x2.00           | 1617-0223                                                | 1618-1223                                                      |
| M39.0x1.50           | 1617-0224                                                | 1618-1224                                                      |
| M39.0x1.00           | 1617-0225                                                | 1618-1225                                                      |

美标螺纹环塞规 ANSI Standard Thread Plug & Ring Gages

- 用于检测内外螺纹尺寸 / Used for gaging internal & external thread.
- 符合如下标准 / Conform to: ASME/ANSI B1.2

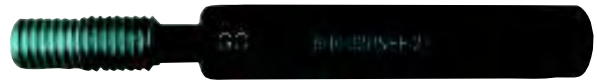


| 公称尺寸<br>Nominal Size |      | 塞规 Plug Gage Set      |                       | 可调环规 Adjustable Ring Gage Set |                       | 整体环规 Solid Ring Gage Set |                       |
|----------------------|------|-----------------------|-----------------------|-------------------------------|-----------------------|--------------------------|-----------------------|
|                      |      | Class 2B<br>Order No. | Class 3B<br>Order No. | Class 2A<br>Order No.         | Class 3A<br>Order No. | Class 2A<br>Order No.    | Class 3A<br>Order No. |
| 0-80                 | UNF  | 1623-2001             | 1623-3001             | 1622-2001                     | 1622-3001             | 1624-2001                | 1624-3001             |
| 1-64                 | UNC  | 1623-2002             | 1623-3002             | 1622-2002                     | 1622-3002             | 1624-2002                | 1624-3002             |
| 1-72                 | UNF  | 1623-2003             | 1623-3003             | 1622-2003                     | 1622-3003             | 1624-2003                | 1624-3003             |
| 2-56                 | UNC  | 1623-2004             | 1623-3004             | 1622-2004                     | 1622-3004             | 1624-2004                | 1624-3004             |
| 2-64                 | UNF  | 1623-2005             | 1623-3005             | 1622-2005                     | 1622-3005             | 1624-2005                | 1624-3005             |
| 3-48                 | UNC  | 1623-2006             | 1623-3006             | 1622-2006                     | 1622-3006             | 1624-2006                | 1624-3006             |
| 3-56                 | UNF  | 1623-2007             | 1623-3007             | 1622-2007                     | 1622-3007             | 1624-2007                | 1624-3007             |
| 4-40                 | UNC  | 1623-2008             | 1623-3008             | 1622-2008                     | 1622-3008             | 1624-2008                | 1624-3008             |
| 4-48                 | UNF  | 1623-2009             | 1623-3009             | 1622-2009                     | 1622-3009             | 1624-2009                | 1624-3009             |
| 5-40                 | UNC  | 1623-2010             | 1623-3010             | 1622-2010                     | 1622-3010             | 1624-2010                | 1624-3010             |
| 5-44                 | UNF  | 1623-2011             | 1623-3011             | 1622-2011                     | 1622-3011             | 1624-2011                | 1624-3011             |
| 6-32                 | UNC  | 1623-2012             | 1623-3012             | 1622-2012                     | 1622-3012             | 1624-2012                | 1624-3012             |
| 6-40                 | UNF  | 1623-2013             | 1623-3013             | 1622-2013                     | 1622-3013             | 1624-2013                | 1624-3013             |
| 8-32                 | UNC  | 1623-2014             | 1623-3014             | 1622-2014                     | 1622-3014             | 1624-2014                | 1624-3014             |
| 8-36                 | UNF  | 1623-2015             | 1623-3015             | 1622-2015                     | 1622-3015             | 1624-2015                | 1624-3015             |
| 10-24                | UNC  | 1623-2016             | 1623-3016             | 1622-2016                     | 1622-3016             | 1624-2016                | 1624-3016             |
| 10-32                | UNF  | 1623-2017             | 1623-3017             | 1622-2017                     | 1622-3017             | 1624-2017                | 1624-3017             |
| 12-24                | UNC  | 1623-2018             | 1623-3018             | 1622-2018                     | 1622-3018             | 1624-2018                | 1624-3018             |
| 12-28                | UNF  | 1623-2019             | 1623-3019             | 1622-2019                     | 1622-3019             | 1624-2019                | 1624-3019             |
| 12-32                | UNEF | 1623-2020             | 1623-3020             | 1622-2020                     | 1622-3020             | 1624-2020                | 1624-3020             |
| 1/4-20               | UNC  | 1623-2021             | 1623-3021             | 1622-2021                     | 1622-3021             | 1624-2021                | 1624-3021             |
| 1/4-28               | UNF  | 1623-2022             | 1623-3022             | 1622-2022                     | 1622-3022             | 1624-2022                | 1624-3022             |
| 1/4-32               | UNEF | 1623-2023             | 1623-3023             | 1622-2023                     | 1622-3023             | 1624-2023                | 1624-3023             |
| 5/16-18              | UNC  | 1623-2024             | 1623-3024             | 1622-2024                     | 1622-3024             | 1624-2024                | 1624-3024             |
| 5/16-24              | UNF  | 1623-2025             | 1623-3025             | 1622-2025                     | 1622-3025             | 1624-2025                | 1624-3025             |
| 5/16-32              | UNEF | 1623-2026             | 1623-3026             | 1622-2026                     | 1622-3026             | 1624-2026                | 1624-3026             |
| 3/8-16               | UNC  | 1623-2027             | 1623-3027             | 1622-2027                     | 1622-3027             | 1624-2027                | 1624-3027             |
| 3/8-24               | UNF  | 1623-2028             | 1623-3028             | 1622-2028                     | 1622-3028             | 1624-2028                | 1624-3028             |
| 3/8-32               | UNEF | 1623-2029             | 1623-3029             | 1622-2029                     | 1622-3029             | 1624-2029                | 1624-3029             |
| 7/16-14              | UNC  | 1623-2030             | 1623-3030             | 1622-2030                     | 1622-3030             | 1624-2030                | 1624-3030             |
| 7/16-20              | UNF  | 1623-2031             | 1623-3031             | 1622-2031                     | 1622-3031             | 1624-2031                | 1624-3031             |
| 7/16-28              | UNEF | 1623-2032             | 1623-3032             | 1622-2032                     | 1622-3032             | 1624-2032                | 1624-3032             |
| 1/2-13               | UNC  | 1623-2033             | 1623-3033             | 1622-2033                     | 1622-3033             | 1624-2033                | 1624-3033             |
| 1/2-20               | UNF  | 1623-2034             | 1623-3034             | 1622-2034                     | 1622-3034             | 1624-2034                | 1624-3034             |
| 1/2-28               | UNEF | 1623-2035             | 1623-3035             | 1622-2035                     | 1622-3035             | 1624-2035                | 1624-3035             |
| 9/16-12              | UNC  | 1623-2036             | 1623-3036             | 1622-2036                     | 1622-3036             | 1624-2036                | 1624-3036             |
| 9/16-18              | UNF  | 1623-2037             | 1623-3037             | 1622-2037                     | 1622-3037             | 1624-2037                | 1624-3037             |
| 9/16-24              | UNEF | 1623-2038             | 1623-3038             | 1622-2038                     | 1622-3038             | 1624-2038                | 1624-3038             |
| 5/8-11               | UNC  | 1623-2039             | 1623-3039             | 1622-2039                     | 1622-3039             | 1624-2039                | 1624-3039             |
| 5/8-18               | UNF  | 1623-2040             | 1623-3040             | 1622-2040                     | 1622-3040             | 1624-2040                | 1624-3040             |
| 5/8-24               | UNEF | 1623-2041             | 1623-3041             | 1622-2041                     | 1622-3041             | 1624-2041                | 1624-3041             |
| 11/16-24             | UNEF | 1623-2042             | 1623-3042             | 1622-2042                     | 1622-3042             | 1624-2042                | 1624-3042             |
| 3/4-10               | UNC  | 1623-2043             | 1623-3043             | 1622-2043                     | 1622-3043             | 1624-2043                | 1624-3043             |
| 3/4-16               | UNF  | 1623-2044             | 1623-3044             | 1622-2044                     | 1622-3044             | 1624-2044                | 1624-3044             |
| 3/4-20               | UNEF | 1623-2045             | 1623-3045             | 1622-2045                     | 1622-3045             | 1624-2045                | 1624-3045             |
| 13/16-20             | UNEF | 1623-2046             | 1623-3046             | 1622-2046                     | 1622-3046             | 1624-2046                | 1624-3046             |
| 7/8-9                | UNC  | 1623-2047             | 1623-3047             | 1622-2047                     | 1622-3047             | 1624-2047                | 1624-3047             |
| 7/8-14               | UNF  | 1623-2048             | 1623-3048             | 1622-2048                     | 1622-3048             | 1624-2048                | 1624-3048             |
| 7/8-20               | UNEF | 1623-2049             | 1623-3049             | 1622-2049                     | 1622-3049             | 1624-2049                | 1624-3049             |
| 15/16-20             | UNEF | 1623-2050             | 1623-3050             | 1622-2050                     | 1622-3050             | 1624-2050                | 1624-3050             |
| 1-8                  | UNC  | 1623-2051             | 1623-3051             | 1622-2051                     | 1622-3051             | 1624-2051                | 1624-3051             |
| 1-12                 | UNF  | 1623-2052             | 1623-3052             | 1622-2052                     | 1622-3052             | 1624-2052                | 1624-3052             |
| 1-14                 | UNS  | 1623-2053             | 1623-3053             | 1622-2053                     | 1622-3053             | 1624-2053                | 1624-3053             |
| 1-20                 | UNEF | 1623-2054             | 1623-3054             | 1622-2054                     | 1622-3054             | 1624-2054                | 1624-3054             |
| 1-1/16-18            | UNEF | 1623-2055             | 1623-3055             | 1622-2055                     | 1622-3055             | 1624-2055                | 1624-3055             |
| 1-1/8-7              | UNC  | 1623-2056             | 1623-3056             | 1622-2056                     | 1622-3056             | 1624-2056                | 1624-3056             |
| 1-1/8-12             | UNF  | 1623-2057             | 1623-3057             | 1622-2057                     | 1622-3057             | 1624-2057                | 1624-3057             |
| 1-1/8-18             | UNEF | 1623-2058             | 1623-3058             | 1622-2058                     | 1622-3058             | 1624-2058                | 1624-3058             |
| 1-3/16-18            | UNEF | 1623-2059             | 1623-3059             | 1622-2059                     | 1622-3059             | 1624-2059                | 1624-3059             |
| 1-1/4-7              | UNC  | 1623-2060             | 1623-3060             | 1622-2060                     | 1622-3060             | 1624-2060                | 1624-3060             |
| 1-1/4-12             | UNF  | 1623-2061             | 1623-3061             | 1622-2061                     | 1622-3061             | 1624-2061                | 1624-3061             |
| 1-1/4-18             | UNEF | 1623-2062             | 1623-3062             | 1622-2062                     | 1622-3062             | 1624-2062                | 1624-3062             |
| 1-5/16-18            | UNEF | 1623-2063             | 1623-3063             | 1622-2063                     | 1622-3063             | 1624-2063                | 1624-3063             |
| 1-3/8-6              | UNC  | 1623-2064             | 1623-3064             | 1622-2064                     | 1622-3064             | 1624-2064                | 1624-3064             |
| 1-3/8-12             | UNF  | 1623-2065             | 1623-3065             | 1622-2065                     | 1622-3065             | 1624-2065                | 1624-3065             |
| 1-3/8-18             | UNEF | 1623-2066             | 1623-3066             | 1622-2066                     | 1622-3066             | 1624-2066                | 1624-3066             |
| 1-7/16-18            | UNEF | 1623-2067             | 1623-3067             | 1622-2067                     | 1622-3067             | 1624-2067                | 1624-3067             |
| 1-1/2-6              | UNC  | 1623-2068             | 1623-3068             | 1622-2068                     | 1622-3068             | 1624-2068                | 1624-3068             |
| 1-1/2-12             | UNF  | 1623-2069             | 1623-3069             | 1622-2069                     | 1622-3069             | 1624-2069                | 1624-3069             |
| 1-1/2-18             | UNEF | 1623-2070             | 1623-3070             | 1622-2070                     | 1622-3070             | 1624-2070                | 1624-3070             |

## 截短的螺纹校对样棒 Truncated Thread Setting Plug Gages

- 用于校对可调环规的螺纹尺寸 / Used for gauging adjustable thread ring gages.
- 符合如下标准 / Conform to: ASME/ANSI B1.2

| 公称尺寸<br>Nominal Size |      | 校对样棒 Truncated Set Plug Gages |                       |
|----------------------|------|-------------------------------|-----------------------|
|                      |      | Class 2A<br>Order No.         | Class 3A<br>Order No. |
| 0-80                 | UNF  | 2623-2101                     | 2623-3101             |
| 1-64                 | UNC  | 2623-2102                     | 2623-3102             |
| 1-72                 | UNF  | 2623-2103                     | 2623-3103             |
| 2-56                 | UNC  | 2623-2104                     | 2623-3104             |
| 2-64                 | UNF  | 2623-2105                     | 2623-3105             |
| 3-48                 | UNC  | 2623-2106                     | 2623-3106             |
| 3-56                 | UNF  | 2623-2107                     | 2623-3107             |
| 4-40                 | UNC  | 2623-2108                     | 2623-3108             |
| 4-48                 | UNF  | 2623-2109                     | 2623-3109             |
| 5-40                 | UNC  | 2623-2110                     | 2623-3110             |
| 5-44                 | UNF  | 2623-2111                     | 2623-3111             |
| 6-32                 | UNC  | 2623-2112                     | 2623-3112             |
| 6-40                 | UNF  | 2623-2113                     | 2623-3113             |
| 8-32                 | UNC  | 2623-2114                     | 2623-3114             |
| 8-36                 | UNF  | 2623-2115                     | 2623-3115             |
| 10-24                | UNC  | 2623-2116                     | 2623-3116             |
| 10-32                | UNF  | 2623-2117                     | 2623-3117             |
| 12-24                | UNC  | 2623-2118                     | 2623-3118             |
| 12-28                | UNF  | 2623-2119                     | 2623-3119             |
| 12-32                | UNEF | 2623-2120                     | 2623-3120             |
| 1/4-20               | UNC  | 2623-2121                     | 2623-3121             |
| 1/4-28               | UNF  | 2623-2122                     | 2623-3122             |
| 1/4-32               | UNEF | 2623-2123                     | 2623-3123             |
| 5/16-18              | UNC  | 2623-2124                     | 2623-3124             |
| 5/16-24              | UNF  | 2623-2125                     | 2623-3125             |
| 5/16-32              | UNEF | 2623-2126                     | 2623-3126             |
| 3/8-16               | UNC  | 2623-2127                     | 2623-3127             |
| 3/8-24               | UNF  | 2623-2128                     | 2623-3128             |
| 3/8-32               | UNEF | 2623-2129                     | 2623-3129             |
| 7/16-14              | UNC  | 2623-2130                     | 2623-3130             |
| 7/16-20              | UNF  | 2623-2131                     | 2623-3131             |
| 7/16-28              | UNEF | 2623-2132                     | 2623-3132             |
| 1/2-13               | UNC  | 2623-2133                     | 2623-3133             |
| 1/2-20               | UNF  | 2623-2134                     | 2623-3134             |
| 1/2-28               | UNEF | 2623-2135                     | 2623-3135             |
| 9/16-12              | UNC  | 2623-2136                     | 2623-3136             |
| 9/16-18              | UNF  | 2623-2137                     | 2623-3137             |
| 9/16-24              | UNEF | 2623-2138                     | 2623-3138             |
| 5/8-11               | UNC  | 2623-2139                     | 2623-3139             |
| 5/8-18               | UNF  | 2623-2140                     | 2623-3140             |
| 5/8-24               | UNEF | 2623-2141                     | 2623-3141             |
| 11/16-24             | UNEF | 2623-2142                     | 2623-3142             |
| 3/4-10               | UNC  | 2623-2143                     | 2623-3143             |
| 3/4-16               | UNF  | 2623-2144                     | 2623-3144             |
| 3/4-20               | UNEF | 2623-2145                     | 2623-3145             |
| 13/16-20             | UNEF | 2623-2146                     | 2623-3146             |
| 7/8-9                | UNC  | 2623-2147                     | 2623-3147             |
| 7/8-14               | UNF  | 2623-2148                     | 2623-3148             |
| 7/8-20               | UNEF | 2623-2149                     | 2623-3149             |
| 15/16-20             | UNEF | 2623-2150                     | 2623-3150             |
| 1-8                  | UNC  | 2623-2151                     | 2623-3151             |
| 1-12                 | UNF  | 2623-2152                     | 2623-3152             |
| 1-14                 | UNS  | 2623-2153                     | 2623-3153             |
| 1-20                 | UNEF | 2623-2154                     | 2623-3154             |
| 1-1/16-18            | UNEF | 2623-2155                     | 2623-3155             |
| 1-1/8-7              | UNC  | 2623-2156                     | 2623-3156             |
| 1-1/8-12             | UNF  | 2623-2157                     | 2623-3157             |
| 1-1/8-18             | UNEF | 2623-2158                     | 2623-3158             |
| 1-3/16-18            | UNEF | 2623-2159                     | 2623-3159             |
| 1-1/4-7              | UNC  | 2623-2160                     | 2623-3160             |
| 1-1/4-12             | UNF  | 2623-2161                     | 2623-3161             |
| 1-1/4-18             | UNEF | 2623-2162                     | 2623-3162             |
| 1-5/16-18            | UNEF | 2623-2163                     | 2623-3163             |
| 1-3/8-6              | UNC  | 2623-2164                     | 2623-3164             |
| 1-3/8-12             | UNF  | 2623-2165                     | 2623-3165             |
| 1-3/8-18             | UNEF | 2623-2166                     | 2623-3166             |
| 1-7/16-18            | UNEF | 2623-2167                     | 2623-3167             |
| 1-1/2-6              | UNC  | 2623-2168                     | 2623-3168             |
| 1-1/2-12             | UNF  | 2623-2169                     | 2623-3169             |
| 1-1/2-18             | UNEF | 2623-2170                     | 2623-3170             |



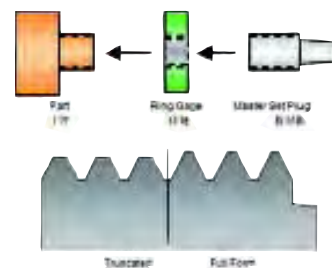
### Main purpose for truncated set plug gages:

螺纹的校对样棒主要作用:

- 校对和设定可调螺纹环规
- 检查环规的磨损程度
- GO 和 NO GO 部分有完整的螺纹长度
- 螺纹分两部分，一部分在直径部分被截短，一部分是完整的螺纹
- 截短部分是用来校对中径
- 完整螺纹是用来检测角度问题或者是螺纹环规中的大径问题
- ASME/ANSI B1.2
- 高精度的研磨保证其精度
- 按照 ANSI 的规定制造，保证其良好的寿命
- 产品经过 ISO17025 认证的实验室检测
- 产品有钢和镀铬两种

### Usage for truncated set plug gages:

截短的螺纹校对样棒用法:



- 螺纹的校对样棒校对方法:

当使用校对样棒去校对环规时，环规应该始终能拧过整个塞规的螺纹长度。校对棒有个锥度，如果前后使用的状况不一样，在使用过程中长时间磨损也会超差，因此，应该贯穿整体螺纹长度保证前后使用磨损一致，从而延长其寿命。

可调环规在使用过程中发生磨损，如果超差了就需要更换或者修正。因为可调环规是可调的，因此，通过校对棒对可调环规进行调整校对从而可以进行使用，直到螺纹啮合面不是直线。

截短校对棒的设计独特，截短部分就是用来检测环规的磨损面在磨损范围内的，而完整部分是用来检测超出磨损公差部分的。

在校对过程中，环规在穿过截短部分和完整部分松紧程度要前后一致，如果截短部分感觉要比完整部分松很多，那就意味着该环规需要调整或者更换。

## 英制螺纹环塞规 British Thread Plug & Ring Gages

- 用于检测英制内外螺纹尺寸 / Used for gaging British internal & external thread.
- 符合如下标准 / Conform: BS84.2007.
- 螺纹头形式: 国内 -25mm 以内是整体的, 25 以上是分体的结构;  
出口 - 两头为锥体锁紧形式。

Type: Size below 25mm, it is solid type, 25mm above, one end with handle  
or, size below 50mm: taperlock plug gauges,  
50mm above, one end with handle.

- 订货要求: 数量, 接头形式, 尺寸, 牙数, 通止, 等级, 手柄要求, 标记等参数。同时特殊规格也可以订货。

How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle,  
Marking and so on. Also special thread gages on application.



螺纹: BS thread: BSW

| 塞规 Plug Gages        |     |                      |                      | 整体环规 Solid Ring Gages |     |                      |                      |
|----------------------|-----|----------------------|----------------------|-----------------------|-----|----------------------|----------------------|
| 公称尺寸<br>Nominal Size |     | Class 2<br>Order No. | Class 3<br>Order No. | 公称尺寸<br>Nominal Size  |     | Class 2<br>Order No. | Class 3<br>Order No. |
| 1/8-40               | BSW | 3623-2001            | 3623-3001            | 1/8-40                | BSW | 3624-2001            | 3624-3001            |
| 3/16-24              | BSW | 3623-2002            | 3623-3002            | 3/16-24               | BSW | 3624-2002            | 3624-3002            |
| 1/4-20               | BSW | 3623-2003            | 3623-3003            | 1/4-20                | BSW | 3624-2003            | 3624-3003            |
| 5/16-18              | BSW | 3623-2004            | 3623-3004            | 5/16-18               | BSW | 3624-2004            | 3624-3004            |
| 3/8-16               | BSW | 3623-2005            | 3623-3005            | 3/8-16                | BSW | 3624-2005            | 3624-3005            |
| 3/8-24               | BSW | 3623-2006            | 3623-3006            | 3/8-24                | BSW | 3624-2006            | 3624-3006            |
| 3/8-32               | BSW | 3623-2007            | 3623-3007            | 3/8-32                | BSW | 3624-2007            | 3624-3007            |
| 7/16-14              | BSW | 3623-2008            | 3623-3008            | 7/16-14               | BSW | 3624-2008            | 3624-3008            |
| 1/2-12               | BSW | 3623-2009            | 3623-3009            | 1/2-12                | BSW | 3624-2009            | 3624-3009            |
| 9/16-12              | BSW | 3623-2010            | 3623-3010            | 9/16-12               | BSW | 3624-2010            | 3624-3010            |
| 5/8-11               | BSW | 3623-2011            | 3623-3011            | 5/8-11                | BSW | 3624-2011            | 3624-3011            |
| 11/16-11             | BSW | 3623-2012            | 3623-3012            | 11/16-11              | BSW | 3624-2012            | 3624-3012            |
| 3/4-10               | BSW | 3623-2013            | 3623-3013            | 3/4-10                | BSW | 3624-2013            | 3624-3013            |
| 7/8-9                | BSW | 3623-2014            | 3623-3014            | 7/8-9                 | BSW | 3624-2014            | 3624-3014            |
| 1-8                  | BSW | 3623-2015            | 3623-3015            | 1-8                   | BSW | 3624-2015            | 3624-3015            |
| 1-1/8-7              | BSW | 3623-2016            | 3623-3016            | 1-1/8-7               | BSW | 3624-2016            | 3624-3016            |
| 1-1/4-7              | BSW | 3623-2017            | 3623-3017            | 1-1/4-7               | BSW | 3624-2017            | 3624-3017            |
| 1-1/2-6              | BSW | 3623-2018            | 3623-3018            | 1-1/2-6               | BSW | 3624-2018            | 3624-3018            |
| 1-3/4-5              | BSW | 3623-2019            | 3623-3019            | 1-3/4-5               | BSW | 3624-2019            | 3624-3019            |
| 2-4.5                | BSW | 3623-2020            | 3623-3020            | 2-4.5                 | BSW | 3624-2020            | 3624-3020            |

螺纹: BS thread: BSF

| 塞规 Plug Gages        |     |                      |                      | 整体环规 Solid Ring Gages |     |                      |                      |
|----------------------|-----|----------------------|----------------------|-----------------------|-----|----------------------|----------------------|
| 公称尺寸<br>Nominal Size |     | Class 2<br>Order No. | Class 3<br>Order No. | 公称尺寸<br>Nominal Size  |     | Class 2<br>Order No. | Class 3<br>Order No. |
| 1/8-40               | BSF | 3623-2101            | 3623-3101            | 1/8-40                | BSF | 3624-2101            | 3624-3101            |
| 3/16-24              | BSF | 3623-2102            | 3623-3102            | 3/16-24               | BSF | 3624-2102            | 3624-3102            |
| 1/4-20               | BSF | 3623-2103            | 3623-3103            | 1/4-20                | BSF | 3624-2103            | 3624-3103            |
| 5/16-18              | BSF | 3623-2104            | 3623-3104            | 5/16-18               | BSF | 3624-2104            | 3624-3104            |
| 3/8-16               | BSF | 3623-2105            | 3623-3105            | 3/8-16                | BSF | 3624-2105            | 3624-3105            |
| 3/8-24               | BSF | 3623-2106            | 3623-3106            | 3/8-24                | BSF | 3624-2106            | 3624-3106            |
| 3/8-32               | BSF | 3623-2107            | 3623-3107            | 3/8-32                | BSF | 3624-2107            | 3624-3107            |
| 7/16-14              | BSF | 3623-2108            | 3623-3108            | 7/16-14               | BSF | 3624-2108            | 3624-3108            |
| 1/2-12               | BSF | 3623-2109            | 3623-3109            | 1/2-12                | BSF | 3624-2109            | 3624-3109            |
| 9/16-12              | BSF | 3623-2110            | 3623-3110            | 9/16-12               | BSF | 3624-2110            | 3624-3110            |
| 5/8-11               | BSF | 3623-2111            | 3623-3111            | 5/8-11                | BSF | 3624-2111            | 3624-3111            |
| 11/16-11             | BSF | 3623-2112            | 3623-3112            | 11/16-11              | BSF | 3624-2112            | 3624-3112            |
| 3/4-10               | BSF | 3623-2113            | 3623-3113            | 3/4-10                | BSF | 3624-2113            | 3624-3113            |
| 7/8-9                | BSF | 3623-2114            | 3623-3114            | 7/8-9                 | BSF | 3624-2114            | 3624-3114            |
| 1-8                  | BSF | 3623-2115            | 3623-3115            | 1-8                   | BSF | 3624-2115            | 3624-3115            |
| 1-1/8-7              | BSF | 3623-2116            | 3623-3116            | 1-1/8-7               | BSF | 3624-2116            | 3624-3116            |
| 1-1/4-7              | BSF | 3623-2117            | 3623-3117            | 1-1/4-7               | BSF | 3624-2117            | 3624-3117            |
| 1-1/2-6              | BSF | 3623-2118            | 3623-3118            | 1-1/2-6               | BSF | 3624-2118            | 3624-3118            |
| 1-3/4-5              | BSF | 3623-2119            | 3623-3119            | 1-3/4-5               | BSF | 3624-2119            | 3624-3119            |
| 2-4.5                | BSF | 3623-2120            | 3623-3120            | 2-4.5                 | BSF | 3624-2120            | 3624-3120            |

## 非螺纹密封的管螺纹量规 Gages for Straight Pipe Thread(G) ISO Class

- 用于检测非螺纹密封的管螺纹尺寸 / Used for gaging internal & external thread.
- 符合如下标准 / Conform: GB/T 10922-2006, DIN ISO228-2, BS EN ISO228-2:2003.
- 非螺纹密封的管螺纹塞规只有一种公差等级 D, 一般不标注  
非螺纹密封的管螺纹环规有 A, B 两种等级
- 螺纹角度 55° / Thread angle: 55°
- 订货要求: 数量, 接头形式, 尺寸, 牙数, 通止, 等级, 手柄要求, 标记等参数。同时特殊规格也可以订货。

How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.



| 管螺纹塞规 Plug Gages  |             |                 |                      | 管螺纹环规 Ring Gages  |             |                 |                                              |
|-------------------|-------------|-----------------|----------------------|-------------------|-------------|-----------------|----------------------------------------------|
| 量规代号<br>Gage Code | 牙数<br>T.P.I | 螺距<br>Pitch(mm) | Class 2<br>Order No. | 量规代号<br>Gage Code | 牙数<br>T.P.I | 螺距<br>Pitch(mm) | Class A<br>Order No.    Class B<br>Order No. |
| G1/16             | 28          | 0.907           | 2623-2201            | G1/16             | 28          | 0.907           | 2624-2201    2624-3201                       |
| G1/8              | 28          | 0.907           | 2623-2202            | G1/8              | 28          | 0.907           | 2624-2202    2624-3202                       |
| G1/4              | 19          | 1.337           | 2623-2203            | G1/4              | 19          | 1.337           | 2624-2203    2624-3203                       |
| G3/8              | 19          | 1.337           | 2623-2204            | G3/8              | 19          | 1.337           | 2624-2204    2624-3204                       |
| G1/2              | 14          | 1.814           | 2623-2205            | G1/2              | 14          | 1.814           | 2624-2205    2624-3205                       |
| G5/8              | 14          | 1.814           | 2623-2206            | G5/8              | 14          | 1.814           | 2624-2206    2624-3206                       |
| G3/4              | 14          | 1.814           | 2623-2207            | G3/4              | 14          | 1.814           | 2624-2207    2624-3207                       |
| G7/8              | 14          | 1.814           | 2623-2208            | G7/8              | 14          | 1.814           | 2624-2208    2624-3208                       |
| G1                | 11          | 2.309           | 2623-2209            | G1                | 11          | 2.309           | 2624-2209    2624-3209                       |
| G1 1/8            | 11          | 2.309           | 2623-2210            | G1 1/8            | 11          | 2.309           | 2624-2210    2624-3210                       |
| G1 1/4            | 11          | 2.309           | 2623-2211            | G1 1/4            | 11          | 2.309           | 2624-2211    2624-3211                       |
| G1 1/2            | 11          | 2.309           | 2623-2212            | G1 1/2            | 11          | 2.309           | 2624-2212    2624-3212                       |
| G1 3/4            | 11          | 2.309           | 2623-2213            | G1 3/4            | 11          | 2.309           | 2624-2213    2624-3213                       |
| G2                | 11          | 2.309           | 2623-2214            | G2                | 11          | 2.309           | 2624-2214    2624-3214                       |
| G2 1/4            | 11          | 2.309           | 2623-2215            | G2 1/4            | 11          | 2.309           | 2624-2215    2624-3215                       |
| G2 1/2            | 11          | 2.309           | 2623-2216            | G2 1/2            | 11          | 2.309           | 2624-2216    2624-3216                       |
| G2 3/4            | 11          | 2.309           | 2623-2217            | G2 3/4            | 11          | 2.309           | 2624-2217    2624-3217                       |
| G3                | 11          | 2.309           | 2623-2218            | G3                | 11          | 2.309           | 2624-2218    2624-3218                       |
| G3 1/2            | 11          | 2.309           | 2623-2219            | G3 1/2            | 11          | 2.309           | 2624-2219    2624-3219                       |
| G4                | 11          | 2.309           | 2623-2220            | G4                | 11          | 2.309           | 2624-2220    2624-3220                       |

## 用螺纹密封的管螺纹量规 Gages for Whitworth Pipe Thread(R) ISO Class

- 用于检测螺纹密封的管螺纹尺寸 / Used for gaging internal & external taper pipe thread.
- 符合如下标准 / Conform: GB/T7306-2000, ISO7/1, DIN999, BS21/BS EN 10226.
- 螺纹角度: 55°, 锥度: 1:16 / Thread Angle: 55°, Taper: 1:16.
- 订货要求: 数量, 接头形式, 尺寸, 牙数, 通止, 等级, 手柄要求, 标记等参数。同时特殊规格也可以订货。

How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.



| 管螺纹塞规 Plug Gages  |             |                 |             |                      | 管螺纹环规 Ring Gages  |             |                 |             |                      |
|-------------------|-------------|-----------------|-------------|----------------------|-------------------|-------------|-----------------|-------------|----------------------|
| 量规代号<br>Gage Code | 牙数<br>T.P.I | 螺距<br>Pitch(mm) | 锥度<br>Taper | Class 2<br>Order No. | 量规代号<br>Gage Code | 牙数<br>T.P.I | 螺距<br>Pitch(mm) | 锥度<br>Taper | Class A<br>Order No. |
| R1/16             | 28          | 0.907           | 1:16        | 2623-2301            | R1/16             | 28          | 0.907           | 1:16        | 2624-3301            |
| R1/8              | 28          | 0.907           | 1:16        | 2623-2302            | R1/8              | 28          | 0.907           | 1:16        | 2624-3302            |
| R1/4              | 19          | 1.337           | 1:16        | 2623-2303            | R1/4              | 19          | 1.337           | 1:16        | 2624-3303            |
| R3/8              | 19          | 1.337           | 1:16        | 2623-2304            | R3/8              | 19          | 1.337           | 1:16        | 2624-3304            |
| R1/2              | 14          | 1.814           | 1:16        | 2623-2305            | R1/2              | 14          | 1.814           | 1:16        | 2624-3305            |
| R3/4              | 14          | 1.814           | 1:16        | 2623-2306            | R3/4              | 14          | 1.814           | 1:16        | 2624-3306            |
| R1                | 11          | 2.309           | 1:16        | 2623-2307            | R1                | 11          | 2.309           | 1:16        | 2624-3307            |
| R1 1/4            | 11          | 2.309           | 1:16        | 2623-2308            | R1 1/4            | 11          | 2.309           | 1:16        | 2624-3308            |
| R1 1/2            | 11          | 2.309           | 1:16        | 2623-2309            | R1 1/2            | 11          | 2.309           | 1:16        | 2624-3309            |
| R2                | 11          | 2.309           | 1:16        | 2623-2310            | R2                | 11          | 2.309           | 1:16        | 2624-3310            |
| R2 1/2            | 11          | 2.309           | 1:16        | 2623-2311            | R2 1/2            | 11          | 2.309           | 1:16        | 2624-3311            |
| R3                | 11          | 2.309           | 1:16        | 2623-2312            | R3                | 11          | 2.309           | 1:16        | 2624-3312            |
| R3 1/2            | 11          | 2.309           | 1:16        | 2623-2313            | R3 1/2            | 11          | 2.309           | 1:16        | 2624-3313            |
| R4                | 11          | 2.309           | 1:16        | 2623-2314            | R4                | 11          | 2.309           | 1:16        | 2624-3314            |

## 美标圆锥管螺纹量规 ANSI Taper Pipe Thread Gages

- 用于检测圆锥管螺纹尺寸 / Used for gaging internal & external taper pipe thread.
- 符合如下标准 / Conform: FED-STD-H28/7, ASME B1.20.1-1983, ASME B1.20.5-1991.
- 所有的塞规和环规都是提供一步规, 如果有其他需求, 请联系
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.



### NPT 螺纹规

| 量规代号<br>Gage Code | 螺距<br>Pitch(mm) | L-1 塞规 Plug Gages<br>Order No. | 量规代号<br>Gage Code | 螺距<br>Pitch(mm) | L-1 环规 Ring Gages<br>Order No. |
|-------------------|-----------------|--------------------------------|-------------------|-----------------|--------------------------------|
| 1/16-27NPT        | 0.941           | 2623-2401                      | 1/16-27NPT        | 0.941           | 2624-3401                      |
| 1/8-27NPT         | 0.941           | 2623-2402                      | 1/8-27NPT         | 0.941           | 2624-3402                      |
| 1/4-18NPT         | 1.411           | 2623-2403                      | 1/4-18NPT         | 1.411           | 2624-3403                      |
| 3/8-18NPT         | 1.411           | 2623-2404                      | 3/8-18NPT         | 1.411           | 2624-3404                      |
| 1/2-14NPT         | 1.814           | 2623-2405                      | 1/2-14NPT         | 1.814           | 2624-3405                      |
| 3/4-14NPT         | 1.814           | 2623-2406                      | 3/4-14NPT         | 1.814           | 2624-3406                      |
| 1-11 1/2 NPT      | 2.209           | 2623-2407                      | 1-11 1/2 NPT      | 2.209           | 2624-3407                      |
| 1 1/4-11 1/2NPT   | 2.209           | 2623-2408                      | 1 1/4-11 1/2NPT   | 2.209           | 2624-3408                      |
| 1 1/2-11 1/2NPT   | 2.209           | 2623-2409                      | 1 1/2-11 1/2NPT   | 2.209           | 2624-3409                      |
| 2-11 1/2NPT       | 2.209           | 2623-2410                      | 2-11 1/2NPT       | 2.209           | 2624-3410                      |
| 2 1/2-8NPT        | 3.175           | 2623-2411                      | 2 1/2-8NPT        | 3.175           | 2624-3411                      |
| 3-8 NPT           | 3.175           | 2623-2412                      | 3-8 NPT           | 3.175           | 2624-3412                      |
| 3 1/2-8NPT        | 3.175           | 2623-2413                      | 3 1/2-8NPT        | 3.175           | 2624-3413                      |
| 4-8NPT            | 3.175           | 2623-2414                      | 4-8NPT            | 3.175           | 2624-3414                      |
| 5-8NPT            | 3.175           | 2623-2415                      | 5-8NPT            | 3.175           | 2624-3415                      |
| 6-8NPT            | 3.175           | 2623-2416                      | 6-8NPT            | 3.175           | 2624-3416                      |



### NPTF 螺纹规

| 量规代号<br>Gage Code | 螺距<br>Pitch(mm) | L-1 塞规<br>L-1 Plug Gages<br>Basic Step<br>Order No. | L-3 塞规<br>L-3 Plug Gages<br>Basic Step<br>Order No. | 6 步光滑锥塞规<br>Plain Taper Gages<br>Pluq 6 Step<br>Order No. | L-1 环规<br>Ring Gages<br>Basic Step<br>Order No. | L-2 环规<br>Ring Gages<br>Basic Step<br>Order No. | 6 步光滑锥环规<br>Plain Taper Gages<br>Rinq 6 Step<br>Order No. |
|-------------------|-----------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------|
| 1/16-27NPTF       | 0.941           | 2623-2501                                           | 2623-2601                                           | 2623-2701                                                 | 2624-3501                                       | 2624-3601                                       | 2624-3701                                                 |
| 1/8-27NPTF        | 0.941           | 2623-2502                                           | 2623-2602                                           | 2623-2702                                                 | 2624-3502                                       | 2624-3602                                       | 2624-3702                                                 |
| 1/4-18NPTF        | 1.411           | 2623-2503                                           | 2623-2603                                           | 2623-2703                                                 | 2624-3503                                       | 2624-3603                                       | 2624-3703                                                 |
| 3/8-18NPTF        | 1.411           | 2623-2504                                           | 2623-2604                                           | 2623-2704                                                 | 2624-3504                                       | 2624-3604                                       | 2624-3704                                                 |
| 1/2-14NPTF        | 1.814           | 2623-2505                                           | 2623-2605                                           | 2623-2705                                                 | 2624-3505                                       | 2624-3605                                       | 2624-3705                                                 |
| 3/4-14NPTF        | 1.814           | 2623-2506                                           | 2623-2606                                           | 2623-2706                                                 | 2624-3506                                       | 2624-3606                                       | 2624-3706                                                 |
| 1-11 1/2NPTF      | 2.209           | 2623-2507                                           | 2623-2607                                           | 2623-2707                                                 | 2624-3507                                       | 2624-3607                                       | 2624-3707                                                 |
| 1 1/4-11 1/2NPTF  | 2.209           | 2623-2508                                           | 2623-2608                                           | 2623-2708                                                 | 2624-3508                                       | 2624-3608                                       | 2624-3708                                                 |
| 1 1/2-11 1/2NPTF  | 2.209           | 2623-2509                                           | 2623-2609                                           | 2623-2709                                                 | 2624-3509                                       | 2624-3609                                       | 2624-3709                                                 |
| 2-11 1/2NPTF      | 2.209           | 2623-2510                                           | 2623-2610                                           | 2623-2710                                                 | 2624-3510                                       | 2624-3610                                       | 2624-3710                                                 |
| 2 1/2-8 NPTF      | 3.175           | 2623-2511                                           | 2623-2611                                           | 2623-2711                                                 | 2624-3511                                       | 2624-3611                                       | 2624-3711                                                 |
| 3-8 NPTF          | 3.175           | 2623-2512                                           | 2623-2612                                           | 2623-2712                                                 | 2624-3512                                       | 2624-3612                                       | 2624-3712                                                 |
| 3 1/2-8NPTF       | 3.175           | 2623-2513                                           | 2623-2613                                           | 2623-2713                                                 | 2624-3513                                       | 2624-3613                                       | 2624-3713                                                 |
| 4-8NPTF           | 3.175           | 2623-2514                                           | 2623-2614                                           | 2623-2714                                                 | 2624-3514                                       | 2624-3614                                       | 2624-3714                                                 |
| 5-8NPTF           | 3.175           | 2623-2515                                           | 2623-2615                                           | 2623-2715                                                 | 2624-3515                                       | 2624-3615                                       | 2624-3715                                                 |
| 6-8NPTF           | 3.175           | 2623-2516                                           | 2623-2616                                           | 2623-2716                                                 | 2624-3516                                       | 2624-3616                                       | 2624-3716                                                 |

美标圆锥管螺纹量规 ANSI Taper Pipe Thread Gauges

- 用于检测圆锥管螺纹尺寸 / Used for gaging internal & external taper pipe thread.
- 符合如下标准 / Conform: Fed-std-H28/7, ASME B1.20.1-1983, B1.20.5-1991.
- 所有的塞规和环规都是提供一步规, 如果有其他需求, 请联系
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。 同时特殊规格也可以订货。  
How to order: Qty, Nominal size, TPI, Class, Marking and so on.  
Also special thread gages on application.



塞规 Plug Gages

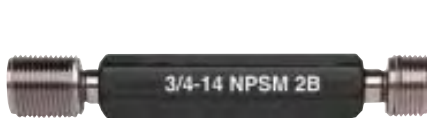
环规 Ring Gages

ANPT 螺纹工作规 ANPT Taper Pipe Thread Working Gages

| 量规代号<br>Gage Code | L-1 塞规<br>L-1 Plug Gages<br>Basic Step<br>Order No. | L-3 塞规<br>L-3 Plug Gages<br>Basic Step<br>Order No. | 6步光滑锥塞规<br>Plain Taper Gages<br>Plug 6 Step<br>Order No. | L-1 环规<br>Ring Gages<br>Basic Step<br>Order No. | L-2 环规<br>Ring Gages<br>Basic Step<br>Order No. | 6步光滑锥环规<br>Plain Taper Gages<br>Ring 6 Step<br>Order No. |
|-------------------|-----------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|
| 1/16-27 ANPT      | 2623-2801                                           | 2623-2821                                           | 2623-2841                                                | 2624-3801                                       | 2624-3821                                       | 2624-3841                                                |
| 1/8-27 ANPT       | 2623-2802                                           | 2623-2822                                           | 2623-2842                                                | 2624-3802                                       | 2624-3822                                       | 2624-3842                                                |
| 1/4-18 ANPT       | 2623-2803                                           | 2623-2823                                           | 2623-2843                                                | 2624-3803                                       | 2624-3823                                       | 2624-3843                                                |
| 3/8-18 ANPT       | 2623-2804                                           | 2623-2824                                           | 2623-2844                                                | 2624-3804                                       | 2624-3824                                       | 2624-3844                                                |
| 1/2-14 ANPT       | 2623-2805                                           | 2623-2825                                           | 2623-2845                                                | 2624-3805                                       | 2624-3825                                       | 2624-3845                                                |
| 3/4-14 ANPT       | 2623-2806                                           | 2623-2826                                           | 2623-2846                                                | 2624-3806                                       | 2624-3826                                       | 2624-3846                                                |
| 1-11 1/2 ANPT     | 2623-2807                                           | 2623-2827                                           | 2623-2847                                                | 2624-3807                                       | 2624-3827                                       | 2624-3847                                                |
| 1 1/4-11 1/2 ANPT | 2623-2808                                           | 2623-2828                                           | 2623-2848                                                | 2624-3808                                       | 2624-3828                                       | 2624-3848                                                |
| 1 1/2-11 1/2 ANPT | 2623-2809                                           | 2623-2829                                           | 2623-2849                                                | 2624-3809                                       | 2624-3829                                       | 2624-3849                                                |
| 2-11 1/2 ANPT     | 2623-2810                                           | 2623-2830                                           | 2623-2850                                                | 2624-3810                                       | 2624-3830                                       | 2624-3850                                                |
| 2 1/2-8 ANPT      | 2623-2811                                           | 2623-2831                                           | 2623-2851                                                | 2624-3811                                       | 2624-3831                                       | 2624-3851                                                |
| 3-8 ANPT          | 2623-2812                                           | 2623-2832                                           | 2623-2852                                                | 2624-3812                                       | 2624-3832                                       | 2624-3852                                                |

美标直管螺纹量规 ANSI Straight Pipe Thread Gages

- 用于检测美标直管螺纹尺寸 / Used for gaging ANSI internal & external straight pipe thread.
- 符合如下标准 / Conform: Fed-std-H28/7, ASME B1.20.5-1991.
- 如果需要订购 NPSM, NPSH&NH, NPSH&NPSI 螺纹量规, 请联系我们。
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。 同时特殊规格也可以订货。  
How to order: Qty, Nominal size, TPI, Class, Marking and so on.  
Also special thread gages on application.



塞规 Plug Gages



环规 Ring Gages



校对棒 Set Plug Gages

NPSM 螺纹工作规 NPSM Working Gages

| 公称尺寸<br>Normal Size | 2B 塞规<br>2B Plug Gages<br>Order No. | 2A 可调环规<br>2A Ring Gages<br>Order No. |
|---------------------|-------------------------------------|---------------------------------------|
| 1/8-27              | 2623-2861                           | 2624-3861                             |
| 1/4-18              | 2623-2862                           | 2624-3862                             |
| 3/8-18              | 2623-2863                           | 2624-3863                             |
| 1/2-14              | 2623-2864                           | 2624-3864                             |
| 3/4-14              | 2623-2865                           | 2624-3865                             |
| 1-11 1/2            | 2623-2866                           | 2624-3866                             |
| 1 1/4-11 1/2        | 2623-2867                           | 2624-3867                             |
| 1 1/2-11 1/2        | 2623-2868                           | 2624-3868                             |
| 2-11 1/2            | 2623-2869                           | 2624-3869                             |
| 2 1/2-8             | 2623-2870                           | 2624-2830                             |
| 3-8                 | 2623-2871                           | 2624-2831                             |

NPSM 螺纹校对棒 NPSM Setting Plug Gages

| 公称尺寸<br>Normal Size | 2A 校对棒<br>2A Setting Plug Gages<br>Order No. |
|---------------------|----------------------------------------------|
| 1/8-27              | 2623-2881                                    |
| 1/4-18              | 2623-2882                                    |
| 3/8-18              | 2623-2883                                    |
| 1/2-14              | 2623-2884                                    |
| 3/4-14              | 2623-2885                                    |
| 1-11 1/2            | 2623-2886                                    |
| 1 1/4-11 1/2        | 2623-2887                                    |
| 1 1/2-11 1/2        | 2623-2888                                    |
| 2-11 1/2            | 2623-2889                                    |
| 2 1/2-8             | 2623-2890                                    |
| 3-8                 | 2623-2891                                    |

公制梯形螺纹量规 Metric Trapezoidal Thread Gages

- 用于检测公制梯形螺纹尺寸 / Used for gaging metric trapezoidal internal & external taper pipe thread.
- 符合如下标准 / Conform to: ISO2901-2904, DIN103, GB/T 8124.
- 螺纹塞规精度: 7H, 8H, 9H; 螺纹环规精度: 7h, 7e, 8c, 9c, 下面的 7H 和 7h 的订货号, 其他的请注明。
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.



梯形塞规 Plug Gages



梯形环规 Ring Gages

| 量规代号<br>Gage Code | 7H 梯形塞规<br>Plug Gages, 7H<br>Order No. | 7e 梯形环规<br>Ring Gages, 7e<br>Order No. | 量规代号<br>Gage Code | 7H 梯形塞规<br>Plug Gages, 7H<br>Order No. | 7e 梯形环规<br>Ring Gages, 7e<br>Order No. |
|-------------------|----------------------------------------|----------------------------------------|-------------------|----------------------------------------|----------------------------------------|
| Tr8x1.5           | 1617-0301                              | 1618-0301                              | Tr38x3.0          | 1617-0338                              | 1618-0338                              |
| Tr9x1.5           | 1617-0302                              | 1618-0302                              | Tr38x6.0          | 1617-0339                              | 1618-0339                              |
| Tr9x2.0           | 1617-0303                              | 1618-0303                              | Tr38x10.0         | 1617-0340                              | 1618-0340                              |
| Tr10x1.5          | 1617-0304                              | 1618-0304                              | Tr40 x 3.0        | 1617-0341                              | 1618-0341                              |
| Tr10x2.0          | 1617-0305                              | 1618-0305                              | Tr40 x 6.0        | 1617-0342                              | 1618-0342                              |
| Tr12x2.0          | 1617-0306                              | 1618-0306                              | Tr40x10.0         | 1617-0343                              | 1618-0343                              |
| Tr12x3.0          | 1617-0307                              | 1618-0307                              | Tr42 x 3.0        | 1617-0344                              | 1618-0344                              |
| Tr14x2.0          | 1617-0308                              | 1618-0308                              | Tr42 x 6.0        | 1617-0345                              | 1618-0345                              |
| Tr14x3.0          | 1617-0309                              | 1618-0309                              | Tr42x10.0         | 1617-0346                              | 1618-0346                              |
| Tr16x2.0          | 1617-0310                              | 1618-0310                              | Tr44 x 3.0        | 1617-0347                              | 1618-0347                              |
| Tr18x2.0          | 1617-0311                              | 1618-0311                              | Tr44 x 7.0        | 1617-0348                              | 1618-0348                              |
| Tr18x4.0          | 1617-0312                              | 1618-0312                              | Tr46 x 3.0        | 1617-0349                              | 1618-0349                              |
| Tr20x2.0          | 1617-0313                              | 1618-0313                              | Tr46 x 8.0        | 1617-0350                              | 1618-0350                              |
| Tr20x4.0          | 1617-0314                              | 1618-0314                              | Tr48 x 3.0        | 1617-0351                              | 1618-0351                              |
| Tr22x5.0          | 1617-0315                              | 1618-0315                              | Tr48 x 8.0        | 1617-0352                              | 1618-0352                              |
| Tr22x8.0          | 1617-0316                              | 1618-0316                              | Tr50 x 3.0        | 1617-0353                              | 1618-0353                              |
| Tr24x3.0          | 1617-0317                              | 1618-0317                              | Tr50 x 8.0        | 1617-0354                              | 1618-0354                              |
| Tr24x5.0          | 1617-0318                              | 1618-0318                              | Tr52 x 3.0        | 1617-0355                              | 1618-0355                              |
| Tr24x8.0          | 1617-0319                              | 1618-0319                              | Tr52 x 8.0        | 1617-0356                              | 1618-0356                              |
| Tr26x3.0          | 1617-0320                              | 1618-0320                              | Tr55 x 3.0        | 1617-0357                              | 1618-0357                              |
| Tr26x5.0          | 1617-0321                              | 1618-0321                              | Tr55 x 9.0        | 1617-0358                              | 1618-0358                              |
| Tr26x8.0          | 1617-0322                              | 1618-0322                              | Tr60 x 3.0        | 1617-0359                              | 1618-0359                              |
| Tr28x3.0          | 1617-0323                              | 1618-0323                              | Tr60 x 9.0        | 1617-0360                              | 1618-0360                              |
| Tr28x5.0          | 1617-0324                              | 1618-0324                              | Tr65 x 4.0        | 1617-0361                              | 1618-0361                              |
| Tr28x8.0          | 1617-0325                              | 1618-0325                              | Tr65x10.0         | 1617-0362                              | 1618-0362                              |
| Tr30x3.0          | 1617-0326                              | 1618-0326                              | Tr70 x 4.0        | 1617-0363                              | 1618-0363                              |
| Tr30x5.0          | 1617-0327                              | 1618-0327                              | Tr70x10.0         | 1617-0364                              | 1618-0364                              |
| Tr30x8.0          | 1617-0328                              | 1618-0328                              | Tr75 x 4.0        | 1617-0365                              | 1618-0365                              |
| Tr32x3.0          | 1617-0329                              | 1618-0329                              | Tr75x10.0         | 1617-0366                              | 1618-0366                              |
| Tr32x6.0          | 1617-0330                              | 1618-0330                              | Tr80 x 4.0        | 1617-0367                              | 1618-0367                              |
| Tr32x10.0         | 1617-0331                              | 1618-0331                              | Tr80x10.0         | 1617-0368                              | 1618-0368                              |
| Tr34 x 3.0        | 1617-0332                              | 1618-0332                              | Tr85 x 4.0        | 1617-0369                              | 1618-0369                              |
| Tr34 x 6.0        | 1617-0333                              | 1618-0333                              | Tr90 x 4.0        | 1617-0370                              | 1618-0370                              |
| Tr34x10.0         | 1617-0334                              | 1618-0334                              | Tr95 x 4.0        | 1617-0371                              | 1618-0371                              |
| Tr36 x 3.0        | 1617-0335                              | 1618-0335                              | Tr100x4.0         | 1617-0372                              | 1618-0372                              |
| Tr36 x 6.0        | 1617-0336                              | 1618-0336                              | Tr110x4.0         | 1617-0373                              | 1618-0373                              |
| Tr36x 10.0        | 1617-0337                              | 1618-0337                              | Tr120x6.0         | 1617-0374                              | 1618-0374                              |

### 美标梯形螺纹量规 ACME Thread Gages

- 用于检测圆锥管螺纹尺寸 / Used for gaging ACME internal & external taper pipe thread.
- 符合如下标准 / Conform to: ASME B1.5-1997 for ACME, ASME B1.8-1988 for STUB ACME
- 所有的塞规和环规都是提供一步规，如果有其他需求，请联系
- 订货要求：数量，尺寸，标记等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.



塞规 Plug Gages



环规 Ring Gages

| 量规代号<br>Gage Code | 牙数<br>TPI | ACME Plug Gages 塞规<br>Order No. | 量规代号<br>Gage Code | 牙数<br>TPI | ACME Ring Gages 环规<br>Order No. |
|-------------------|-----------|---------------------------------|-------------------|-----------|---------------------------------|
| 1/4-16ACME        | 16        | 2623-2901                       | 1/4-16ACME        | 16        | 2624-3901                       |
| 5/16-14ACME       | 14        | 2623-2902                       | 5/16-14ACME       | 14        | 2624-3902                       |
| 3/8-12ACME        | 12        | 2623-2903                       | 3/8-12ACME        | 12        | 2624-3903                       |
| 1/2-10ACME        | 10        | 2623-2904                       | 1/2-10ACME        | 10        | 2624-3904                       |
| 5/8-8ACME         | 8         | 2623-2905                       | 5/8-8ACME         | 8         | 2624-3905                       |
| 3/4-6ACME         | 6         | 2623-2906                       | 3/4-6ACME         | 6         | 2624-3906                       |
| 7/8-6ACME         | 6         | 2623-2907                       | 7/8-6ACME         | 6         | 2624-3907                       |
| 1-5ACME           | 5         | 2623-2908                       | 1-5ACME           | 5         | 2624-3908                       |
| 1 1/8-5ACME       | 5         | 2623-2909                       | 1 1/8-5ACME       | 5         | 2624-3909                       |
| 1 1/4-5ACME       | 5         | 2623-2910                       | 1 1/4-5ACME       | 5         | 2624-3910                       |
| 1 3/8-4ACME       | 4         | 2623-2911                       | 1 3/8-4ACME       | 4         | 2624-3911                       |
| 1 1/2-4ACME       | 4         | 2623-2912                       | 1 1/2-4ACME       | 4         | 2624-3912                       |
| 1 3/4-4ACME       | 4         | 2623-2913                       | 1 3/4-4ACME       | 4         | 2624-3913                       |
| 2-4ACME           | 4         | 2623-2914                       | 2-4ACME           | 4         | 2624-3914                       |

### 美标锯齿螺纹量规 ANSI Buttress Thread Gages

- 用于检测美标锯齿螺纹尺寸 / Used for gaging ANSI Buttress internal & external threads.
- 符合如下标准 / Conform: Fed-std-H28/14, ANSI B1.9.
- 拉力型美标锯齿螺纹: BUTT, 推力型: PUSH-BUTT, 公差代号 1, 2, 3 外螺纹用 A, 内螺纹用 B, 不标注则同时表示为内外螺纹。
- 订货要求：数量，尺寸，牙数，类型，标记等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.

示例：环规 Ring 1-12 BUTT-2A, 塞规 Plug 1-12 BUTT -2B



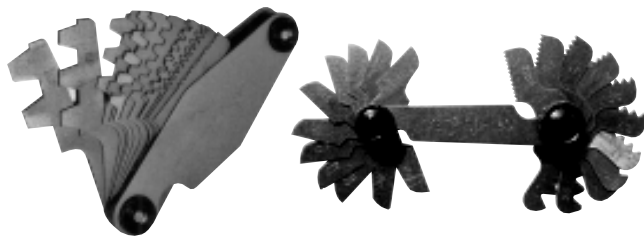
| 公称直径<br>Size | 牙数<br>TPI | BUTT Plug, Grade 2 / 塞规, 2 级<br>Order No. | 公称直径<br>Size | 牙数<br>TPI | BUTT Ring, Grade 2 / 环规, 2 级<br>Order No. |
|--------------|-----------|-------------------------------------------|--------------|-----------|-------------------------------------------|
| 1/2          | 20        | 2623-3001                                 | 1/2          | 20        | 2624-4001                                 |
| 1/2          | 16        | 2623-3002                                 | 1/2          | 16        | 2624-4002                                 |
| 1/2          | 12        | 2623-3003                                 | 1/2          | 12        | 2624-4003                                 |
| 9/16         | 20        | 2623-3004                                 | 9/16         | 20        | 2624-4004                                 |
| 9/16         | 16        | 2623-3005                                 | 9/16         | 16        | 2624-4005                                 |
| 9/16         | 12        | 2623-3006                                 | 9/16         | 12        | 2624-4006                                 |
| 5/8          | 20        | 2623-3007                                 | 5/8          | 20        | 2624-4007                                 |
| 5/8          | 16        | 2623-3008                                 | 5/8          | 16        | 2624-4008                                 |
| 5/8          | 12        | 2623-3009                                 | 5/8          | 12        | 2624-4009                                 |
| 11/16        | 20        | 2623-3010                                 | 11/16        | 20        | 2624-4010                                 |
| 11/16        | 16        | 2623-3011                                 | 11/16        | 16        | 2624-4011                                 |
| 11/16        | 12        | 2623-3012                                 | 11/16        | 12        | 2624-4012                                 |
| 3/4          | 16        | 2623-3013                                 | 3/4          | 16        | 2624-4013                                 |
| 3/4          | 12        | 2623-3014                                 | 3/4          | 12        | 2624-4014                                 |
| 3/4          | 10        | 2623-3015                                 | 3/4          | 10        | 2624-4015                                 |
| 7/8          | 16        | 2623-3016                                 | 7/8          | 16        | 2624-4016                                 |
| 7/8          | 12        | 2623-3017                                 | 7/8          | 12        | 2624-4017                                 |
| 7/8          | 10        | 2623-3018                                 | 7/8          | 10        | 2624-4018                                 |
| 1            | 16        | 2623-3019                                 | 1            | 16        | 2624-4019                                 |
| 1            | 12        | 2623-3020                                 | 1            | 12        | 2624-4020                                 |
| 1            | 10        | 2623-3021                                 | 1            | 10        | 2624-4021                                 |

### 螺纹规 Screw Pitch Gages

- For use when quick identification of screw pitch is needed.
- American National-60° Threads  
Whitworth standard-55° Threads.



Order No. 1615-6348



Order No. 1615-6326

Order No. 1615-6340

| No. of Blades | Range                                                                                                                      | Order No. |
|---------------|----------------------------------------------------------------------------------------------------------------------------|-----------|
| 22            | 4-48TPI, Inch 55°                                                                                                          | 1615-6322 |
| 10            | 13-40 TPI, Metric 60°                                                                                                      | 1615-6323 |
| 30            | 4-42TPI, Inch 55°                                                                                                          | 1615-6324 |
| 30            | 4-42TPI, Metric 60°                                                                                                        | 1615-6342 |
| 51            | 4-84 TPI, Inch 60°                                                                                                         | 1615-6351 |
| 30            | 6-60 TPI, Inch 60°                                                                                                         | 1615-6334 |
| 52            | 4-62TPI, Inch 55° & .25-6mm, metric 60°                                                                                    | 1615-6348 |
| 16            | 29° Inch Acme Screw Pitch, 1, 1-1/3, 1-1/2, 1-3/4, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 7, 8, 9, 10, 12.                           | 1615-6326 |
| 12            | 30° Metric Acme Screw Pitch, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 16, 20                                                        | 1615-6327 |
| 14            | 0.35-3mm, 60°                                                                                                              | 1615-6317 |
| 20            | 0.4-6mm, 60°                                                                                                               | 1615-6318 |
| 16            | 0.25-2.5mm, 60°                                                                                                            | 1615-6320 |
| 18            | 0.5-7.0mm, 60°                                                                                                             | 1615-6330 |
| 18            | 0.4-7.0mm, 60°                                                                                                             | 1615-6321 |
| 28            | 0.25-2.5mm, 60°                                                                                                            | 1615-6332 |
| 24            | 0.25-6.0mm, 60°                                                                                                            | 1615-6340 |
| 28            | 0.25-2.5mm, 60°                                                                                                            | 1615-6339 |
| 30            | 0.25-3.0mm, 60°                                                                                                            | 1615-6341 |
| 28            | 4, 4-1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40, 48, 60, 62; Whitworth 55° | 1615-6343 |

### 螺纹规 Screw Thread Gage

- Gages 47-1/2° British, 14-1/2° Acme, 55° Whitworth & BSF & 60° USA & Metric
- Made from stainless steel with satin chrome finish
- Deep etched graduations
- All gage surfaces are ground



Order No. 1615-6124

### ACME 螺纹规 ACME Screw Pitch Gages

- For grinding & setting tools when cutting Acme threads whose sides have inclination.
- Made from stainless steel with satin chrome finish
- Angle & edges are precision ground.



Order No. 1615-6128



Order No. 1615-6126



Order No. 1615-6127

| Specifications                                                                                | Order No. |
|-----------------------------------------------------------------------------------------------|-----------|
| Threads: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12;<br>2, 2.5, 3, 3.5, 4, 5, 6, 7, 8<br>Angle: 55° & 60° | 1615-6126 |
| Threads: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12<br>Angle: 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 80° | 1615-6127 |
| Threads: 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8<br>Angle: 45°, 53.8°, 55°, 60°, 70°, 55°, 60°     | 1615-6128 |

### ACME 螺纹规 29° Acme Screw Thread Gage

- For grinding & setting tools when cutting Acme threads whose sides have an inclination of 14-1/2°.
- Angle & edges are precision ground.



| Specifications                                                           | Material        | Order No. |
|--------------------------------------------------------------------------|-----------------|-----------|
| Threads: 1, 1-1/3, 1-1/2, 1-3/4,<br>2, 2-1/2, 3, 4, 5, 6,<br>7, 8, 9, 10 | Stainless Steel | 1615-6121 |
|                                                                          | Carbon Steel    | 1615-6123 |

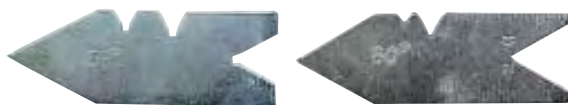
### ACME 螺纹规 30° Acme Screw Thread Gage

- For grinding & setting tools when cutting Acme threads whose sides have an inclination of 15°.
- Made from stainless steel with satin chrome finish
- Angle & edges are precision ground.



| Specifications                          | Order No. |
|-----------------------------------------|-----------|
| Threads: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 | 1615-6125 |

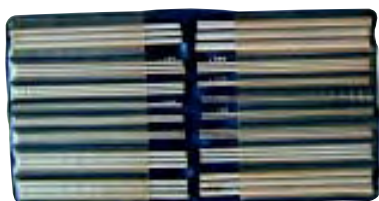
## 中心规 Center Gages



| Type               | Order No. |
|--------------------|-----------|
| Metric std. 60°    | 1615-6260 |
| Whitworth std. 55° | 1615-6255 |
| U.S. std. 60°      | 1615-6300 |

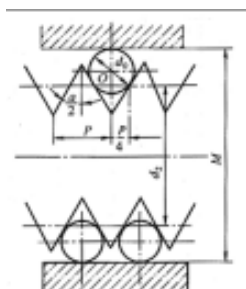
## 三针量规 3-Wire Thread Measuring Sets

- 48 Pieces, 16 different sizes for all 60° threads
- Measures all threads from 3 to 48 threads per inch and all metric from 0.5mm to 6mm pitch.
- 3 wire method is the best method of measuring external threads.
- Wires are fitted in a plastic case stamped with sizes.
- Laminated chart compiled from the U.S. Standard.
- Gives proper sizes & measurement over wires.



| No. of Wires | Specifications                                                            | Order No. |
|--------------|---------------------------------------------------------------------------|-----------|
| 48           | Threads from 3 to 48 threads per inch and metric from 0.5mm to 6mm pitch. | 1600-0500 |

## 使用说明 Usage of wire measuring sets:



- 本三针量规共有 16 个规格，每个规格 3 件共 48 件，用于检测 60° 的螺纹中径。
- 用三针测量外螺纹的中径属于间接测量法：  
测量时将直径相同的三根量针放在被测螺纹的沟槽里，然后用杠杆千分尺测出量外廓的最大距离 M 值，然后通过下面的公式计算，得到螺纹的中径：  
$$d_2 = M - 3d_0 + 0.866P$$
- 产品附带一个表格和公式，表格中已经算好，可以直接用测量值减去一个常数即可得到中径。
- 测量时需要注意根据被测的螺距选择最佳的量针直径。
- 测量 M 值时需要在同一截面相互垂直的两个方向上分别测出 M 值，并计算平均值计算螺纹中径更准确。
- 测量时要注意被检测的螺纹以及检具的清洁，并调整零位，避免误差。
- 根据螺纹的精度要求检查测量值是否符合精度要求即可。

## 机械螺纹千分尺 Screw Thread Micrometers

- 60° or 55° V 形和刀口测头可选  
60° or 55° V-Anvil and knife edged anvils are optional.
- 棘轮测力 Ratchet stop.
- 激光刻字 Laser engraved graduations.
- 喷漆尺身 Painted frame.



| .001" |           | 0.01mm    |           |
|-------|-----------|-----------|-----------|
| Range | Order No. | Range     | Order No. |
| 0-1"  | 1600-7801 | 0- 25 mm  | 1600-8825 |
| 1-2"  | 1600-7802 | 25- 50 mm | 1600-8850 |
| 2-3"  | 1600-7803 | 50- 75 mm | 1600-8875 |
| 3-4"  | 1600-7804 | 75-100mm  | 1600-8900 |
| 4-5"  | 1600-7805 | 100-125mm | 1600-8925 |
| 5-6"  | 1600-7806 | 125-150mm | 1600-8950 |

## 数显螺纹千分尺 Digital Screw Thread Micrometers

- 60° or 55° V 形和刀口测头可选  
60° or 55° V-Anvil and knife edged anvils are optional.
- 棘轮测力 Ratchet stop.
- 喷漆尺身 Painted frame.
- IP54, DIN40050/IEC529.



IP54

| .00005" |           | 0.001mm   |           |
|---------|-----------|-----------|-----------|
| Range   | Order No. | Range     | Order No. |
| 0-1"    | 1600-7811 | 0-25 mm   | 1600-8951 |
| 1-2"    | 1600-7812 | 25-50 mm  | 1600-8952 |
| 2-3"    | 1600-7813 | 50-75 mm  | 1600-8953 |
| 3-4"    | 1600-7814 | 75-100mm  | 1600-8954 |
| 4-5"    | 1600-7815 | 100-125mm | 1600-8955 |
| 5-6"    | 1600-7816 | 125-150mm | 1600-8956 |

## 60° or 55° V 形可选测头 60° or 55° Optional V Anvils

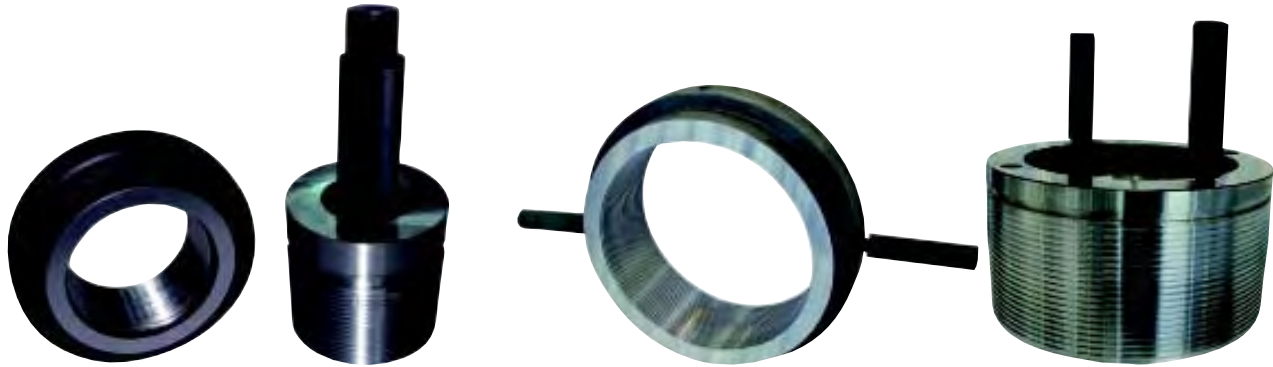
| 60° 螺纹螺距<br>60° Pitch | 60° Anvils 螺纹测头<br>Order No. | 螺距<br>Pitch | 55° Anvils 螺纹测头<br>Order No. |
|-----------------------|------------------------------|-------------|------------------------------|
| 0.4-0.5mm/64-48TPI    | 1600-7831                    | 60-48TPI    | 1600-7841                    |
| 0.6-0.9mm/44-28TPI    | 1600-7832                    | 48-40TPI    | 1600-7842                    |
| 1-1.75mm/24-14TPI     | 1600-7833                    | 40-32TPI    | 1600-7843                    |
| 2-3mm/13- 9 TPI       | 1600-7834                    | 32-24TPI    | 1600-7844                    |
| 3.5-5mm/ 8- 5 TPI     | 1600-7835                    | 24-18TPI    | 1600-7845                    |
| 5.5-7mm/4.5-3.5TPI    | 1600-7836                    | 18-14TPI    | 1600-7846                    |
|                       |                              | 14-10TPI    | 1600-7847                    |
|                       |                              | 10-7 TPI    | 1600-7848                    |
|                       |                              | 7-4.5TPI    | 1600-7849                    |
|                       |                              | 4.5-3.5TPI  | 1600-7850                    |

**石油螺纹量规 API Spec 5B Working Thread Gages**

- 用于检测石油类螺纹尺寸 / Used for gaging API internal & external threads.
- 符合如下标准 / Conform: API Spec 5B.
- 具有 API 认证资格的证书
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.



**Spec 5B 石油量规—套管园螺纹量规 CSG & LCSG (短园螺纹, 长园螺纹) -Casing Round Thread Gages**

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | 短型代码<br>Type | CSG Gages 量规<br>Order No. | 长型代码<br>Type | LCSG Gages 量规<br>Order No. |
|-------------------|-----------|-------------|--------------|---------------------------|--------------|----------------------------|
| 4 1/2             | 8         | 1:16        | CSG/STC      | 2620-0001                 | LCSG/LTC     | 2620-0101                  |
| 5                 | 8         | 1:16        | CSG/STC      | 2620-0002                 | LCSG/LTC     | 2620-0102                  |
| 5 1/2             | 8         | 1:16        | CSG/STC      | 2620-0003                 | LCSG/LTC     | 2620-0103                  |
| 6 5/8             | 8         | 1:16        | CSG/STC      | 2620-0004                 | LCSG/LTC     | 2620-0104                  |
| 7                 | 8         | 1:16        | CSG/STC      | 2620-0005                 | LCSG/LTC     | 2620-0105                  |
| 7 5/8             | 8         | 1:16        | CSG/STC      | 2620-0006                 | LCSG/LTC     | 2620-0106                  |
| 8 5/8             | 8         | 1:16        | CSG/STC      | 2620-0007                 | LCSG/LTC     | 2620-0107                  |
| 9 5/8             | 8         | 1:16        | CSG/STC      | 2620-0008                 | LCSG/LTC     | 2620-0108                  |
| 10 3/4            | 8         | 1:16        | CSG/STC      | 2620-0009                 | LCSG/LTC     | 2620-0109                  |
| 11 3/4            | 8         | 1:16        | CSG/STC      | 2620-0010                 | LCSG/LTC     | 2620-0110                  |
| 13 3/8            | 8         | 1:16        | CSG/STC      | 2620-0011                 | LCSG/LTC     | 2620-0111                  |
| 16                | 8         | 1:16        | CSG/STC      | 2620-0012                 | LCSG/LTC     | 2620-0112                  |
| 18 5/8            | 8         | 1:16        | CSG/STC      | 2620-0013                 | LCSG/LTC     | 2620-0113                  |
| 20                | 8         | 1:16        | CSG/STC      | 2620-0014                 | LCSG/LTC     | 2620-0114                  |

**Spec 5B 石油量规—管线管螺纹量规**

**Spec 5B LP-Line Pipe Thread Gages,  
Thread Angle 60°**

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | LP Gages<br>Order No. |
|-------------------|-----------|-------------|-----------------------|
| 1/8 LP            | 27        | 1:16        | 2620-0201             |
| 1/4 LP            | 18        | 1:16        | 2620-0202             |
| 3/8 LP            | 18        | 1:16        | 2620-0203             |
| 1/2 LP            | 14        | 1:16        | 2620-0204             |
| 3/4 LP            | 14        | 1:16        | 2620-0205             |
| 1 LP              | 11 1/2    | 1:16        | 2620-0206             |
| 1 1/4 LP          | 11 1/2    | 1:16        | 2620-0207             |
| 1 1/2 LP          | 11 1/2    | 1:16        | 2620-0208             |
| 2 LP              | 11 1/2    | 1:16        | 2620-0209             |
| 2 1/2 LP          | 8         | 1:16        | 2620-0210             |
| 3 LP              | 8         | 1:16        | 2620-0211             |
| 3 1/2 LP          | 8         | 1:16        | 2620-0212             |
| 4 LP              | 8         | 1:16        | 2620-0213             |
| 5 LP              | 8         | 1:16        | 2620-0214             |
| 6 LP              | 8         | 1:16        | 2620-0215             |
| 8 LP              | 8         | 1:16        | 2620-0216             |
| 10 LP             | 8         | 1:16        | 2620-0217             |
| 12 LP             | 8         | 1:16        | 2620-0218             |

**Spec 5B 石油量规—偏梯形套管螺纹量规**

**Spec 5B BCSG-Butress Casing Thread Gages,  
Thread Angle 3.10°**

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | BCSG Gages<br>Order No. |
|-------------------|-----------|-------------|-------------------------|
| 4 1/2 BCSG/BTC    | 5         | 1:16        | 2620-0301               |
| 5 BCSG/BTC        | 5         | 1:16        | 2620-0302               |
| 5 1/2 BCSG/BTC    | 5         | 1:16        | 2620-0303               |
| 6 5/8 BCSG/BTC    | 5         | 1:16        | 2620-0304               |
| 7 BCSG/BTC        | 5         | 1:16        | 2620-0305               |
| 7 5/8 BCSG/BTC    | 5         | 1:16        | 2620-0306               |
| 8 5/8 BCSG/BTC    | 5         | 1:16        | 2620-0307               |
| 9 5/8 BCSG/BTC    | 5         | 1:16        | 2620-0308               |
| 10 3/4 BCSG/BTC   | 5         | 1:16        | 2620-0309               |
| 11 3/4 BCSG/BTC   | 5         | 1:16        | 2620-0310               |
| 13 3/8 BCSG/BTC   | 5         | 1:16        | 2620-0311               |
| 16 BCSG/BTC       | 5         | 1:16        | 2620-0312               |

## 石油螺纹量规 API Spec 5B Workig Thread Gages

- 用于检测石油类螺纹尺寸 / Used for gaging API internal & external threads.
- 符合如下标准 / Conform: API Spec 5B.
- 具有 API 认证资格的证书
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.



## Spec 5B 石油量规—不加厚油管螺纹量规

## Spec 5B TBG/NUE-Non-Upset Tubing Thread Gages

Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | TBG 量规<br>Order No. |
|-------------------|-----------|-------------|---------------------|
| 1.050 TBG/NUE     | 10        | 1:16        | 2620-0321           |
| 1.315 TBG/NUE     | 10        | 1:16        | 2620-0322           |
| 1.660 TBG/NUE     | 10        | 1:16        | 2620-0323           |
| 1.900 TBG/NUE     | 10        | 1:16        | 2620-0324           |
| 2 3/8 TBG/NUE     | 10        | 1:16        | 2620-0325           |
| 2 7/8 TBG/NUE     | 10        | 1:16        | 2620-0326           |
| 3 1/2 TBG/NUE     | 10        | 1:16        | 2620-0327           |
| 4 TBG/NUE         | 8         | 1:16        | 2620-0328           |
| 4 1/2 TBG/NUE     | 8         | 1:16        | 2620-0329           |

## Spec 5B 石油量规—外加厚油管螺纹量规

## Spec 5B UPTBG/EUE-External-Upset Tubing Thread Gages

Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | UPTBG 量规<br>Order No. |
|-------------------|-----------|-------------|-----------------------|
| 1.050 UPTBG/EUE   | 10        | 1:16        | 2620-0331             |
| 1.315 UPTBG/EUE   | 10        | 1:16        | 2620-0332             |
| 1.660 UPTBG/EUE   | 10        | 1:16        | 2620-0333             |
| 1.900 UPTBG/EUE   | 10        | 1:16        | 2620-0334             |
| 2 3/8 UPTBG/EUE   | 8         | 1:16        | 2620-0335             |
| 2 7/8 UPTBG/EUE   | 8         | 1:16        | 2620-0336             |
| 3 1/2 UPTBG/EUE   | 8         | 1:16        | 2620-0337             |
| 4 UPTBG/EUE       | 8         | 1:16        | 2620-0338             |
| 4 1/2 UPTBG/EUE   | 8         | 1:16        | 2620-0339             |

## 石油螺纹量规 API Spec 7-2 Workig Thread Gages

- 用于检测石油类螺纹尺寸 / Used for gaging API internal & external threads.
- 符合如下标准 / Conform: API Spec 7-2.
- 订货要求: 数量, 尺寸, 牙数, 类型, 标记等参数。同时特殊规格也可以订货。

How to order: Qty, Nominal size, TPI, Class, Marking and so on.

Also special thread gages on application.



## Spec 7-2 石油钻具接头螺纹量规—正规型螺纹量规

## Spec 7-2 REG-Regular Style Gages

Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | RBG 量规<br>Order No. |
|-------------------|-----------|-------------|---------------------|
| 1 REG(AMT)        | 6         | 1:8         | 2620-0378           |
| 1 1/4 REG         | 7         | 1:6         | 2620-0379           |
| 1 1/2 REG(AMT)    | 6         | 1:8         | 2620-0380           |
| 2 3/8 REG         | 5         | 1:4         | 2620-0381           |
| 2 7/8 REG         | 5         | 1:4         | 2620-0382           |
| 3 1/2 REG         | 5         | 1:4         | 2620-0383           |
| 4 1/2 REG         | 5         | 1:4         | 2620-0384           |
| 5 1/2 REG         | 4         | 1:4         | 2620-0385           |
| 6 5/8 REG         | 4         | 1:6         | 2620-0386           |
| 7 5/8 REG         | 4         | 1:4         | 2620-0387           |
| 8 5/8 REG         | 4         | 1:4         | 2620-0388           |

## Spec 7-2 石油钻具接头螺纹量规—贯眼型螺纹量规

## FH-Full-Hole Style Gages, Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | FH 量规<br>Order No. |
|-------------------|-----------|-------------|--------------------|
| 3 1/2 FH          | 5         | 1:4         | 2620-0401          |
| 4 FH(NC40)        | 4         | 1:6         | 2620-0402          |
| 4 1/2 FH          | 5         | 1:4         | 2620-0403          |
| 5 1/2 FH          | 4         | 1:6         | 2620-0404          |
| 6 5/8 FH          | 4         | 1:6         | 2620-0405          |

## Spec 7-2 石油钻具接头螺纹量规—内平型螺纹量规

## IF-Internal-Flush Style Gages, Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>Taper | IF 量规<br>Order No. |
|-------------------|-----------|-------------|--------------------|
| 2 3/8 IF(NC26)    | 4         | 1:6         | 2620-0411          |
| 2 7/8 IF(NC31)    | 4         | 1:6         | 2620-0412          |
| 3 1/2 IF(NC38)    | 4         | 1:6         | 2620-0413          |
| 4 IF(NC46)        | 4         | 1:6         | 2620-0414          |
| 4 1/2 IF(NC50)    | 4         | 1:6         | 2620-0415          |
| 5 1/2 IF          | 4         | 1:6         | 2620-0416          |

石油螺纹量规 API Spec 7-2 Working Thread Gages



Spec 7-2 石油钻具接头螺纹量规 - 数字型螺纹量规

Spec 7-2 NC- Number Style Gages, Thread Angle 60°

| 量规代号<br>Gage Code               | 牙数<br>TPI | 锥度<br>Taper | NC 量规<br>Order No. |
|---------------------------------|-----------|-------------|--------------------|
| NC10                            | 6         | 1:8         | 2620-0351          |
| NC12                            | 6         | 1:8         | 2620-0352          |
| NC13                            | 6         | 1:8         | 2620-0353          |
| NC16                            | 6         | 1:8         | 2620-0354          |
| NC23                            | 4         | 1:6         | 2620-0355          |
| NC26 (2 3/8IF, 2 7/8SH)         | 4         | 1:6         | 2620-0356          |
| NC31 (2 7/8IF, 3 1/2SH)         | 4         | 1:6         | 2620-0357          |
| NC35                            | 4         | 1:6         | 2620-0358          |
| NC38 (3 1/2IF, 4XH, 4 1/2SH)    | 4         | 1:6         | 2620-0359          |
| NC40 (4FH, 4 1/2DS)             | 4         | 1:6         | 2620-0360          |
| NC44                            | 4         | 1:6         | 2620-0361          |
| NC46 (4IF, 4 1/2XH, 4WO)        | 4         | 1:6         | 2620-0362          |
| NC50 (4 1/2IF/WO, 5XH, 5 1/2DS) | 4         | 1:6         | 2620-0363          |
| NC56                            | 4         | 1:4         | 2620-0364          |
| NC61                            | 4         | 1:4         | 2620-0365          |
| NC70                            | 4         | 1:4         | 2620-0366          |
| NC77                            | 4         | 1:4         | 2620-0367          |

Spec 7-2 石油钻具接头螺纹量规 -H90 螺纹量规

Spec 7-2 Hughes-H90, Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>TPF | H90 量规<br>Order No. |
|-------------------|-----------|-----------|---------------------|
| 2 3/8SL           | 3         | 1 1/4     | 2620-0418           |
| 2 7/8SL           | 3         | 1 1/4     | 2620-0419           |
| 3 1/2SL           | 3         | 1 1/4     | 2620-0420           |
| 3 1/2             | 3 1/2     | 2         | 2620-0421           |
| 4                 | 3 1/2     | 2         | 2620-0422           |
| 4 1/2             | 3 1/2     | 2         | 2620-0423           |
| 5                 | 3 1/2     | 2         | 2620-0424           |
| 5 1/2             | 3 1/2     | 2         | 2620-0425           |
| 6 5/8             | 3 1/2     | 2         | 2620-0426           |
| 7                 | 3 1/2     | 3         | 2620-0427           |
| 7 5/8             | 3 1/2     | 3         | 2620-0428           |
| 8 5/8             | 3 1/2     | 3         | 2620-0429           |

Spec 7-2 石油钻具接头螺纹量规 -PAC 螺纹量规

Spec 7-2 PAC, Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>TPF | PAC 量规<br>Order No. |
|-------------------|-----------|-----------|---------------------|
| 2 3/8             | 4         | 1 1/2     | 2620-0431           |
| 2 7/8             | 4         | 1 1/2     | 2620-0432           |
| 3 1/2             | 4         | 1 1/2     | 2620-0433           |



Spec 7-2 石油钻具接头螺纹量规 -XH 螺纹量规

Spec 7-2 XTRA HOLE(X.H.), Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>TPF | XH 量规<br>Order No. |
|-------------------|-----------|-----------|--------------------|
| 2 7/8             | 4         | 2         | 2620-0441          |
| 3 1/2             | 4         | 2         | 2620-0442          |

Spec 7-2 石油钻具接头螺纹量规 -M. T. 螺纹量规

Spec 7-2 MACARONI TUBING(M.T.), Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>TPF | H90 量规<br>Order No. |
|-------------------|-----------|-----------|---------------------|
| 3/4               | 6         | 1 1/2     | 2620-0451           |
| 1(1 REG)          | 6         | 1 1/2     | 2620-0452           |
| 1 1/4             | 6         | 1 1/2     | 2620-0453           |
| 1 1/2(1 1/2 REG)  | 6         | 1 1/2     | 2620-0454           |
| 2 1/16            | 6         | 1 1/2     | 2620-0455           |

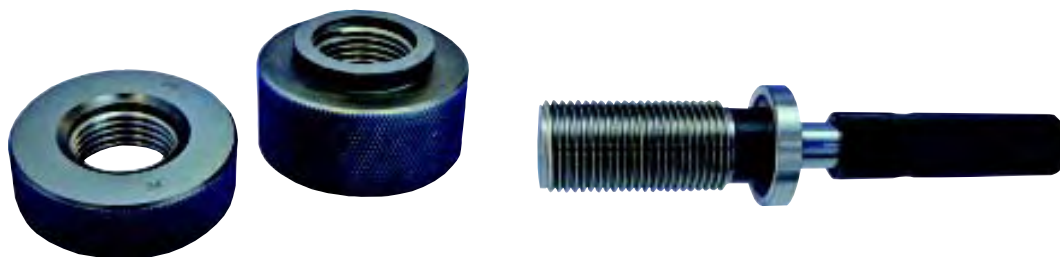
Spec 7-2 石油钻具接头螺纹量规 -WFJ 螺纹量规

Spec 7-2 Wilson Flush Joint(WFJ), Thread Angle 60°

| 量规代号<br>Gage Code | 牙数<br>TPI | 锥度<br>TPF | XH 量规<br>Order No. |
|-------------------|-----------|-----------|--------------------|
| 1 13/16           | 7         | 2         | 2620-0461          |
| 2 3/8             | 6         | 2         | 2620-0462          |



## API Spec 11B 抽油杆量规 API Spec 11B Sucker &amp; Polished Rod Gages



## API Spec 11B 抽油杆工作量规

## API Spec 11B Working Sucker &amp; Polished Rod Gages

| 量规描述<br>Description         | 1/2"(CYG13)<br>Order No. | 5/8"(CYG16)<br>Order No. | 3/4"(CYG19)<br>Order No. | 7/8"(CYG22)<br>Order No. | 1"(CYG25)<br>Order No. | 1 1/8"(CYG29)<br>Order No. |
|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|----------------------------|
| P-2 Go Ring                 | 2620-0501                | 2620-0511                | 2620-0521                | 2620-0531                | 2620-0541              | 2620-0551                  |
| P-4 Ring for Pin Cone       | 2620-0502                | 2620-0512                | 2620-0522                | 2620-0532                | 2620-0542              | 2620-0552                  |
| P-6 No Go Ring for Pin Cone | 2620-0503                | 2620-0513                | 2620-0523                | 2620-0533                | 2620-0543              | 2620-0553                  |
| P-8 Go Pin Ring             | 2620-0504                | 2620-0514                | 2620-0524                | 2620-0534                | 2620-0544              | 2620-0554                  |
| B-2 Go Plug                 | 2620-0505                | 2620-0515                | 2620-0525                | 2620-0535                | 2620-0545              | 2620-0555                  |
| B-4 Plug                    | 2620-0506                | 2620-0516                | 2620-0526                | 2620-0536                | 2620-0546              | 2620-0556                  |
| B-6 No Go Plug              | 2620-0507                | 2620-0517                | 2620-0527                | 2620-0537                | 2620-0547              | 2620-0557                  |

## API Spec 11B 抽油杆校对量规

## API Spec 11B Master Sucker &amp; Polished Rod Gages

| 量规描述<br>Description       | 1/2"(CYG13)<br>Order No. | 5/8"(CYG16)<br>Order No. | 3/4"(CYG19)<br>Order No. | 7/8"(CYG22)<br>Order No. | 1"(CYG25)<br>Order No. | 1 1/8"(CYG29)<br>Order No. |
|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|----------------------------|
| P-1 Go Plug Master        | 2623-0601                | 2623-0621                | 2623-0641                | 2623-0661                | 2623-0681              | 2623-0701                  |
| P-2 Go Ring Master        | 2623-0602                | 2623-0622                | 2623-0642                | 2623-0662                | 2623-0682              | 2623-0702                  |
| P-3 Pin Cone Plug Master  | 2623-0603                | 2623-0623                | 2623-0643                | 2623-0663                | 2623-0683              | 2623-0703                  |
| P-4 Ref Ring for Pin      | 2623-0604                | 2623-0624                | 2623-0644                | 2623-0664                | 2623-0684              | 2623-0704                  |
| P-5 Master No Go Pin Plug | 2623-0605                | 2623-0625                | 2623-0645                | 2623-0665                | 2623-0685              | 2623-0705                  |
| P-6 Ref No Go Pin Ring    | 2623-0606                | 2623-0626                | 2623-0646                | 2623-0666                | 2623-0686              | 2623-0706                  |
| P-7 Master Go Pin Plug    | 2623-0607                | 2623-0627                | 2623-0647                | 2623-0667                | 2623-0687              | 2623-0707                  |
| P-8 Ref Go Pin Ring       | 2623-0608                | 2623-0628                | 2623-0648                | 2623-0668                | 2623-0688              | 2623-0708                  |
| B-1 Master Go Ring        | 2623-0609                | 2623-0629                | 2623-0649                | 2623-0669                | 2623-0689              | 2623-0709                  |
| B-2 Ref Go Plug           | 2623-0610                | 2623-0630                | 2623-0650                | 2623-0670                | 2623-0690              | 2623-0710                  |
| B-3 Master Cone Ring      | 2623-0611                | 2623-0631                | 2623-0651                | 2623-0671                | 2623-0691              | 2623-0711                  |
| B-4 Ref Plug              | 2623-0612                | 2623-0632                | 2623-0652                | 2623-0672                | 2623-0692              | 2623-0712                  |
| B-5 Master No Go Ring     | 2623-0613                | 2623-0633                | 2623-0653                | 2623-0673                | 2623-0693              | 2623-0713                  |
| B-6 Ref No Go Plug        | 2623-0614                | 2623-0634                | 2623-0654                | 2623-0674                | 2623-0694              | 2623-0714                  |



## 管螺纹套装检测仪 Pipe Thread Measuring Instruments

• 该系列产品是广泛应用于石油行业的高精度仪器，共有 20 多个品种，主要用于石油油管、套管、钻杆、管线管螺纹的锥度、螺距、高度、中径等单项参数的测量。产品设计合理，由刚性主体、灵敏传动系统和高精度指示表组成，使用方便可靠，可有效地控制盒提高管螺纹的质量，是管螺纹加工验收过程中不可缺少的检测工具，产品完全符合 API 5B 等国际通用标准中关于管螺纹测量的规定。

• 符合如下标准 / Conform: API 5B and 7-2.

• 特点:

1. 能直接测量出石油锥管螺纹的单项误差，符合国际检测要求。
2. 该产品不但用于终检或验收检验，而且能有效地控制螺纹加工过程中的质量，在生产中及时发现单项误差的变化及产生的不稳和原因，有利于工艺的调整进而提升质量，降低成本，增强产品的市场竞争力。
3. 通过更换相应规格的测量头或标准块，便可完成对所有规格管螺纹的测量，操作简单高效，使用轻巧，应用广泛。
4. 合理的设计和工艺保证了该产品的检测准确性、稳定性、耐用性。

• 订货:

1. 订货时我们根据您的需求将产品进行包装;
2. 请说明产品的品名，规格，数量等要求;
3. 特殊要求可以订货。

These measuring instruments are high accuracy and total more than 20 items mainly apply in casing, tubing and so on. Please check the instruments from following items, we will pack these instruments as right package, which will have good protection for these instruments.



## 外螺纹锥度测量仪 Taper Measuring Instruments for External Thread

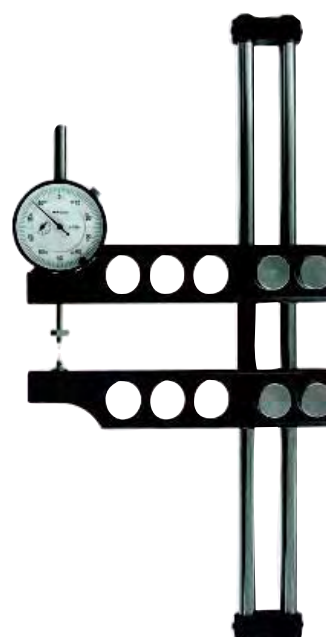
• 该产品是用于石油行业外管螺纹的锥度测量。产品设计合理，由刚性主体、灵敏传动系统和高精度指示表组成，使用方便可靠，可有效地控制盒提高管螺纹的质量，是管螺纹加工验收过程中不可缺少的检测工具，产品完全符合 API 5B 等国际通用标准中关于管螺纹测量的规定。

• 符合如下标准 / Conform: API 5B.

• 订货要求: 数量，尺寸，类型等参数。同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.



| 规格<br>Range                                                                   | 型号<br>Type | 外锥仪货号<br>Order No. |
|-------------------------------------------------------------------------------|------------|--------------------|
| 不大于 10in ( $\leq 10in/254mm$ )<br>指示表 Indicator: 0-0.5in<br>分度值 Grad: 0.001in | JZW1       | 2620-1001          |
| 8-16in (203.2-406.4mm)<br>指示表 Indicator: 0-0.5in<br>分度值 Grad: 0.001in         | JZW2       | 2620-1002          |

## 内螺纹锥度测量仪 Taper Measuring Instruments for Internal Thread

• 该产品是用于石油行业内管螺纹的锥度测量。产品设计合理，由刚性主体、灵敏传动系统和高精度指示表组成，使用方便可靠，可有效地控制盒提高管螺纹的质量，是管螺纹加工验收过程中不可缺少的检测工具，产品完全符合 API 5B 等国际通用标准中关于管螺纹测量的规定。

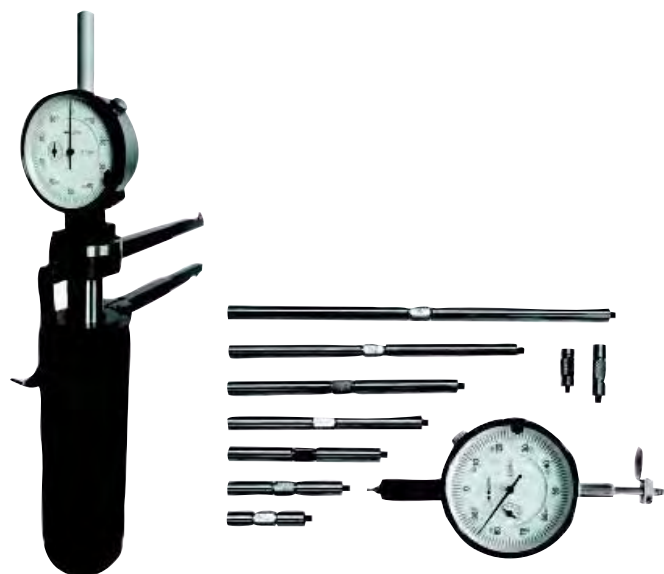
• 符合如下标准 / Conform: API 5B.

• 订货要求：数量，尺寸，类型等参数。同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

| 规格<br>Range                                                                  | 型号<br>Type | 内锥仪货号<br>Order No. |
|------------------------------------------------------------------------------|------------|--------------------|
| 1-6 in (25.4-152.4mm)<br>指示表 Indicator: 0-1 in<br>分度值 Grad: 0.001 in         | JZN 06     | 2620-1011          |
| 5-1/2-16 in (139.7-406.4mm)<br>指示表 Indicator: 0-0.5 in<br>分度值 Grad: 0.001 in | JZN 16     | 2620-1012          |



## 螺纹螺距测量仪 Thread Pitch Measuring Instruments/Lead Gages

• 该产品是用于石油行业外管螺纹的螺距测量。产品设计合理，由刚性主体、灵敏传动系统和高精度指示表组成，使用方便可靠，可有效地控制盒提高管螺纹的质量，是管螺纹加工验收过程中不可缺少的检测工具，产品完全符合 API 5B 等国际通用标准中关于管螺纹测量的规定。

• 符合如下标准 / Conform: API 5B.

• 订货要求：数量，尺寸，类型等参数。同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

外螺纹螺距测量仪 用于所有外螺纹螺距测量

External Thread Pitch Gages - Used for all external thread

| 规格<br>Range                                 | 型号<br>Type | 外螺距仪<br>Order No. |
|---------------------------------------------|------------|-------------------|
| 0.5-4 in (12.7-101.6mm)<br>分度值 Grad: 0.01mm | W R W      | 2620-1031         |



内螺纹螺距测量仪 Internal Thread Pitch Gages 用于公称规格小于 5-1/2" 的内螺纹螺距测量

Internal Thread Pitch Gages - Used for sizes smaller than 5 1/2" internal thread

| 规格<br>Range                                 | 型号<br>Type | 内螺距仪<br>Order No. |
|---------------------------------------------|------------|-------------------|
| 0.5-4 in (12.7-101.6mm)<br>分度值 Grad: 0.01mm | W R N      | 2620-1032         |



## 螺纹高度测量仪 Thread Height Measuring Instruments

• 该产品是用于石油行业内外管螺纹的高度测量。产品设计合理，由刚性主体、灵敏传动系统和高精度指示表组成，使用方便可靠，可有效地控制盒提高管螺纹的质量，是管螺纹加工验收过程中不可缺少的检测工具，产品完全符合 API 5B 等国际通用标准中关于管螺纹测量的规定。

• 符合如下标准 / Conform: API 5B.

• 订货要求：数量，尺寸，类型等参数。同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

螺纹高度测量仪 一用于所有外螺纹和公称直径不小于 5-1/2" 的内螺纹高度测量

**Thread Height Gage - Used for all external Thread and internal thread size smaller than 5 1/2"**

| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 外螺纹高度仪<br>Order No. |
|-------------|-------------------|------------|---------------------|
| 0-4mm       | 0.01mm            | W G W      | 2620-1041           |



内螺纹高度测量仪—用于所有公称直径小于 5-1/2" 的内螺纹高度测量

**Thread Height Gage - Used for internal Thread size smaller than 5 1/2" internal thread**

| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 外螺纹高度仪<br>Order No. |
|-------------|-------------------|------------|---------------------|
| 0-4mm       | 0.01mm            | W G N      | 2620-1043           |



偏梯形螺纹高度测量仪—用于所有偏梯形螺纹内外螺纹高度测量

**Buttress Casing Thread Height Gages-Used for all buttress internal and external thread**

| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 偏梯形高度仪<br>Order No. |
|-------------|-------------------|------------|---------------------|
| 0-4mm       | 0.01mm            | W G W 2    | 2620-1042           |



## 偏梯形螺纹消失量规 Buttress Casing Thread Vanishing Point Gauge

- 该产品是用于检验偏梯形螺纹根部消失螺纹，以保证外螺纹有足够的长度并且确为接近消失点螺纹。 Measuring the length of buttress casing thread to make sure enough length of outer thread and knowing that the thread is reaching the thread vanishing point.

- 订货要求：数量，尺寸，类型等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 螺纹消失规<br>Order No. |
|-------------|-------------------|------------|--------------------|
| 0-4mm       | 0.01mm            | XSG        | 2620-1051          |



## 接箍螺纹同轴度量规 Coaxial Meter

- 该产品是用于测量油管、套管、接箍螺纹的轴线与中心轴线间的同轴度偏差。 Measuring the coaxial variation between the central axis of the connecting of casing tubes and oil pipes.

- 订货要求：数量，尺寸，类型等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 同轴度量规<br>Order No. |
|-------------|-------------------|------------|--------------------|
| +/-2mm      | 0.01mm            | JTG        | 2620-1052          |



## 钻杆同轴度量规（鞍形仪） Drill Pipe Coaxiality Measuring Gage

- 该产品是用于石油行业中相互连接的钻杆同轴度误差。

- Measuring the coaxial variation of the connecting drill pipes.

- 订货要求：数量，尺寸等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 同轴度量规<br>Order No. |
|-------------|-------------------|------------|--------------------|
| 0-10mm      | 0.01mm            | XX         | 2620-1053          |



## 划线仪 Scriber on the Measuring Threads

- 该产品是用于石油行业的待测螺纹上作出标记或记号。

- 订货要求：数量，尺寸等参数。 同时特殊规格也可以订货。

How to order: Qty, Nominal size, Class, Marking and so on.

Also special gages on application.

| 规格<br>Range | 型号<br>Type | 划线仪<br>Order No. |
|-------------|------------|------------------|
| 0-4inch     | HXY        | 2620-1054        |



## 外螺纹中径测量仪 Pitch Diameter Gauge for External Thread

- 该产品是用于测量外螺纹的中径。  
Measuring the pitch diameter of external thread.
- 订货要求: 数量, 尺寸, 类型等参数。 同时特殊规格也可以订货。  
How to order: Qty, Nominal size, Class, Marking and so on.  
Also special gages on application.



| 规格<br>Range | 型号<br>Type | 外螺纹中径仪<br>Order No. |
|-------------|------------|---------------------|
| < 5-1/2"    | ZJY5-W     | 2620-1061           |
| 2 3/8-20"   | ZJY20-W    | 2620-1062           |

## 内螺纹中径测量仪 Pitch Diameter Gauge for Internal Thread

- 该产品是用于测量内螺纹的中径。  
Measuring the pitch diameter of internal thread.
- 订货要求: 数量, 尺寸, 类型等参数。 同时特殊规格也可以订货。  
How to order: Qty, Nominal size, Class, Marking and so on.  
Also special gages on application.



| 规格<br>Range | 型号<br>Type | 内螺纹中径仪<br>Order No. |
|-------------|------------|---------------------|
| < 5-1/2"    | ZJY5-N     | 2620-1063           |
| 2 3/8-20"   | ZJY20-N    | 2620-1064           |

## 齿形轮廓量规 Screw Thread Profile Microscope

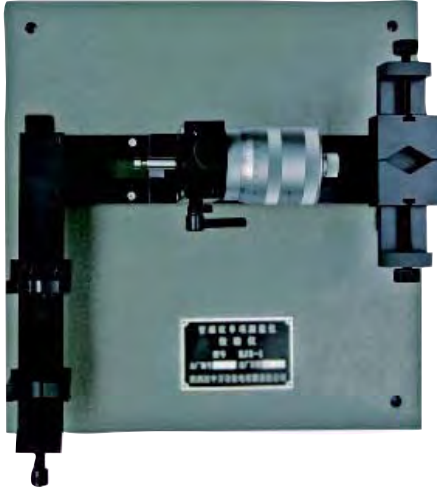
- 该产品主要是用于螺纹牙型半角的测量。  
Measuring the half of thread angle.
- 订货要求: 数量, 尺寸, 类型等参数。 同时特殊规格也可以订货。  
How to order: Qty, Nominal size, Class, Marking and so on.  
Also special gages on application.



| 规格<br>Range                      | 型号<br>Type | 轮廓量规<br>Order No. |
|----------------------------------|------------|-------------------|
| 光学放大倍率<br>Magnifying Power 25.6X | CKY        | 2620-1070         |

## 校验仪 Calibrator

- 该产品主要是用于管螺纹单项参数的测量。  
Measuring the single parameter of pipe thread.
- 订货要求：数量，类型等参数。同时特殊规格也可以订货。  
How to order: Qty, Nominal size, Class, Marking and so on.  
Also special gages on application.



| 规格<br>Range                   | 型号<br>Type | 校验仪<br>Order No. |
|-------------------------------|------------|------------------|
| 微分头量程 Micro head 0-25x0.002mm | JYY-1      | 2620-1071        |

## 裂纹探测仪 Pit Depth Gauge

- 该产品主要是用于测量油管外表面的凹痕以及裂纹深度。  
Measuring the depth of concave and crackle of casing and oil pipes.
- 订货要求：数量，型号等参数。同时特殊规格也可以订货。  
How to order: Qty, Type, Marking and so on.  
Also special gages on application.



| 规格<br>Range | 分度值<br>Resolution | 型号<br>Type | 裂纹探测仪<br>Order No. |
|-------------|-------------------|------------|--------------------|
| 0-3mm       | 0.01mm            | ATY        | 2620-1073          |

## 螺距标准块 Lead Gage Setting Standards

- 该产品主要是用于内外螺距测量仪使用前标准值的校对。  
Setting the measuring gauges before measuring the screw pitch.
- 订货要求：数量，型号等参数。同时特殊规格也可以订货。  
How to order: Qty, Type, Marking and so on.  
Also special gages on application.



| 规格<br>Specification | 型号<br>Type | 螺距标准块<br>Order No. |
|---------------------|------------|--------------------|
| 1:16, 5TPI          | LJK1       | 2620-1081          |
| 1:16, 8TPI          | LJK2       | 2620-1082          |
| 1:16, 10TPI         | LJK3       | 2620-1083          |
| 1:6, 4TPI           | LJK4       | 2620-1084          |
| 1:4, 4TPI           | LJK5       | 2620-1085          |
| 1:4, 5TPI           | LJK6       | 2620-1086          |

## 齿高标准块 Thread Height Setting Standards

- 该产品主要是用于内外螺纹齿高测量仪使用前标准值的校对。  
Setting the measuring gauges before measuring the thread height.
- 订货要求：数量，型号等参数。同时特殊规格也可以订货。  
How to order: Qty, Type, and so on. Also special gages on application.



| 规格<br>Specification           | 型号<br>Type | 齿高标准块<br>Order No. |
|-------------------------------|------------|--------------------|
| 1:16, 5TPI                    | CGK1       | 2620-1091          |
| 1:16, 8TPI                    | CGK2       | 2620-1092          |
| 1:16, 10TPI                   | CGK3       | 2620-1093          |
| 1:6, 4TPI (V-0.038R, V-0.050) | CGK4       | 2620-1094          |
| 1:4, 4TPI (V-0.038R, V-0.050) | CGK5       | 2620-1095          |
| 1:4, 5TPI (V-0.040)           | CGK6       | 2620-1096          |

## 测头 Measuring Points for Gages

- 该测量头主要用于螺距测量仪上，使用前需要根据管螺纹规格的不同，选择相应规格的测量头。  
Choosing suitable measuring point according to measured thread specification.
- 订货要求：数量，型号等参数。同时特殊规格也可以订货。  
How to order: Qty, Type, and so on. Also special gages on application.



| 测头直径<br>Diameter | 型号<br>Type | 测头<br>Order No. |
|------------------|------------|-----------------|
| 1.448mm          | CLT1       | 2620-1101       |
| 1.575mm          | CLT2       | 2620-1102       |
| 1.829mm          | CLT3       | 2620-1103       |
| 2.286mm          | CLT4       | 2620-1104       |
| 3.658mm          | CLT5       | 2620-1105       |

**重型卡尺 Heavy Duty Vernier Calipers**
**基本型 Basic Model**

- Long 50-division vernier scales have wide spread easy to read, clear engraved crisp black graduations in 1/1000".
- Longer jaws permit greater accessibility and simpler measurement of larger work pieces.
- With fine adjustment.



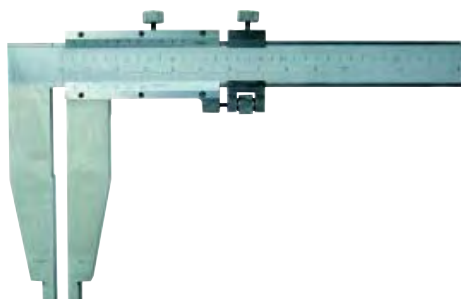
| Range | Jaw Length | Vernier Scale |       | Carbon Steel | Stainless Steel |
|-------|------------|---------------|-------|--------------|-----------------|
|       |            | Lower         | Upper | Order No.    | Order No.       |
| 0-12" | 3"         | .02mm         | .001" | 2611-5812    | 2611-5712       |
| 0-18" | 4"         | .02mm         | .001" | 2611-5818    | 2611-5718       |
| 0-20" | 4"         | .02mm         | .001" | 2611-5820    | 2611-5720       |
| 0-24" | 4"         | .02mm         | .001" | 2611-5824    | 2611-5724       |
| 0-40" | 5"         | .02mm         | .001" | 2611-5840    | 2611-5740       |
| 0-60" | 8"         | .02mm         | .001" | 2611-5860    | 2611-5760*      |
| 0-80" | 8"         | .02mm         | .001" | 2611-5880    | 2611-5780*      |

\* 7" Jaw Length

| Range    | Jaw Length | Graduation | Carbon Steel Order No. | Stainless Steel Order No. |
|----------|------------|------------|------------------------|---------------------------|
| 0-300mm  | 75mm       | .02mm      | 1611-5305              | 1611-5405                 |
| 0-450mm  | 100mm      | .02mm      | 1611-5310              | 1611-5410                 |
| 0-500mm  | 100mm      | .02mm      | 1611-5315              | 1611-5415                 |
| 0-600mm  | 100mm      | .02mm      | 1611-5320              | 1611-5420                 |
| 0-1000mm | 125mm      | .02mm      | 1611-5325              | 1611-5425                 |
| 0-1500mm | 200mm      | .02mm      | 1611-5330              | 1611-5430                 |
| 0-2000mm | 200mm      | .02mm      | 1611-5335              | 1611-5435                 |

**长爪型 Long Jaws**

- Long 50-division vernier scales have wide spread easy to read, clear engraved crisp black graduations in 1/1000".
- Longer jaws permit greater accessibility and simpler measurement of larger work pieces.
- With fine adjustment.
- Made of stainless steel.



| Range        | Jaw Length | Graduation | Order No. |
|--------------|------------|------------|-----------|
| 0-300mm/12"  | 3.5"       | .001"      | 1611-6012 |
| 0-500mm/20"  | 7.8"       | .001"      | 1611-6020 |
| 0-750mm/30"  | 7.8"       | .001"      | 1611-6030 |
| 0-1000mm/40" | 7.8"       | .001"      | 1611-6040 |

|       | Jaw Length | Graduation | Order No. |
|-------|------------|------------|-----------|
| 0-12" | 3.5"       | .001"      | 2611-5012 |
| 0-20" | 7.8"       | .001"      | 2611-5020 |
| 0-30" | 7.8"       | .001"      | 2611-5030 |
| 0-40" | 7.8"       | .001"      | 2611-5040 |

**无上爪重型电子卡尺 Heavy Duty Digital Calipers**
**无上爪带微调 No Upper Jaws, with Fine Adjustment**

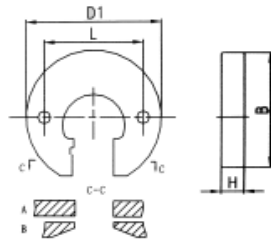
- Manual power on/off.
- Inch/mm conversion (.01mm/.0005"), Data hold function.
- Fast tracing of maximum or minimum value.
- SPC out put.



| Range      | 150mm Jaw Length | 200mm Jaw Length | 250mm Jaw Length | 300mm Jaw Length |
|------------|------------------|------------------|------------------|------------------|
|            | Order No.        | Order No.        | Order No.        | Order No.        |
| 500mm/20"  | 1100-5051        | 1100-5052        | 1100-5053        | 1100-5054        |
| 600mm/24"  | 1100-5061        | 1100-5062        | 1100-5064        | 1100-5063        |
| 1000mm/40" | 1100-5100        | 1100-5101        | 1100-5103        | 1100-5102        |
| 1500mm/60" | 1100-5150        | 1100-5151        | 1100-5153        | 1100-5152        |
| 2000mm/80" | 1100-5203        | 1100-5200        | 1100-5201        | 1100-5202        |

## 固定卡规 Fixed Snap Gages

1-80mm

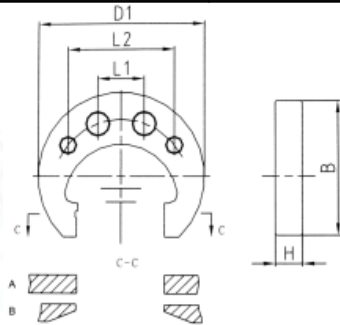


订货号:1619A- 规格-精度

When order, Order No. as 1619A-Size-Accuracy

| 基本尺寸 D  | 外径 D1 | 定位孔距 L | 厚度 H    | 规高度 B  | 公差等级                                                        |
|---------|-------|--------|---------|--------|-------------------------------------------------------------|
| Size D  | OD D1 | Hole L | Thick H | Height | Accuracy Grade                                              |
| 1-3mm   | 32    | 20     | 3       | 31     | c, d, e, f, g,<br>h, j, js, k, m, n,<br>p, r, s, u, x,<br>z |
| 3-6mm   | 32    | 20     | 4       | 31     |                                                             |
| 6-10mm  | 40    | 26     | 4       | 38     |                                                             |
| 10-14mm | 50    | 36     | 5       | 46     |                                                             |
| 14-18mm | 50    | 36     | 5       | 46     |                                                             |
| 18-24mm | 65    | 48     | 6       | 58     |                                                             |
| 24-30mm | 65    | 48     | 6       | 58     |                                                             |
| 30-40mm | 82    | 62     | 8       | 72     |                                                             |
| 40-50mm | 94    | 72     | 8       | 82     |                                                             |
| 50-65mm | 116   | 92     | 10      | 100    |                                                             |
| 65-80mm | 136   | 108    | 10      | 114    |                                                             |

80-120mm

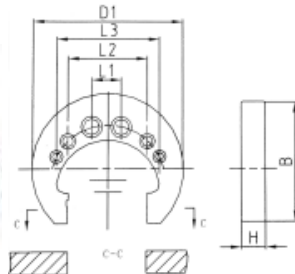


订货号:1619A- 规格-精度

When order, Order No. as 1619A-Size-Accuracy

| 基本尺寸 D    | 外径 D1 | 减重孔距 L     | 厚度 H    | 规高 B   | 公差等级                                                  |
|-----------|-------|------------|---------|--------|-------------------------------------------------------|
| Size D    | OD D1 | Hole L1&L2 | Thick H | Height | Accuracy Grade                                        |
| 80-90mm   | 150   | 42 & 96    | 10      | 129    | c, d, e, f, g,<br>h, j, js, k, m, n,<br>p, s, u, x, z |
| 90-100mm  | 168   | 45 & 108   | 10      | 139.5  |                                                       |
| 100-120mm | 186   | 50 & 120   | 10      | 153    |                                                       |

120-250mm



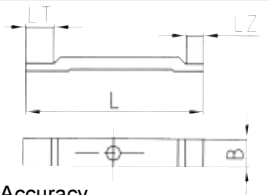
订货号:1619A- 规格-精度

When order, Order No. as 1619A-Size-Accuracy

| 基本尺寸 D    | 外径 D1 | 减重孔距 L        | 厚度 H    | 规高 B   | 公差等级                                                  |
|-----------|-------|---------------|---------|--------|-------------------------------------------------------|
| Size D    | OD D1 | Hole L1 L2&L3 | Thick H | Height | Accuracy Grade                                        |
| 120-140mm | 212   | 64,138,172    | 10      | 176.5  | c, d, e, f, g,<br>h, j, js, k, m, n,<br>p, s, u, x, z |
| 140-160mm | 240   | 62,144,188    | 12      | 192.5  |                                                       |
| 160-180mm | 258   | 65,152,202    | 14      | 202    |                                                       |
| 180-200mm | 278   | 68,170,224    | 14      | 216.5  |                                                       |
| 200-225mm | 305   | 78,182,242    | 14      | 235.5  |                                                       |
| 225-250mm | 220   | 91,207,265    | 14      | 248    |                                                       |

## 双头片状型槽用量规 Double End Flat Gages

&lt;=3mm

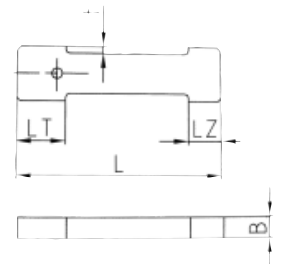


订货号:1619B- 规格-精度

When order, Order No. as 1619B-Size-Accuracy

| 基本尺寸 D | 总长 L  | 通端长度 LT   | 通端长度 LT    | 厚度 B  |
|--------|-------|-----------|------------|-------|
| Size D | OAL L | Go Length | N/G Length | Thick |
| <=3mm  | 50    | 10        | 8          | 8     |

3-50mm

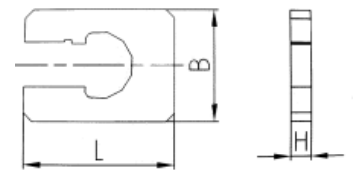


订货号:1619B- 规格-精度

When order, Order No. as 1619B-Size-Accuracy

| 基本尺寸 D  | 总长 L  | 通端长度 LT   | 通端长度 LT    | 厚度 B  | 空刀 t |
|---------|-------|-----------|------------|-------|------|
| Size D  | OAL L | Go Length | N/G Length | Thick | t    |
| 3-6mm   | 50    | 8         | 5          | 8     | 0.2  |
| 6-10mm  | 50    | 9         | 6          | 6     | 0.5  |
| 10-18mm | 50    | 10        | 7          | 6     | 1    |
| 18-30mm | 60    | 16        | 11         | 8     | 1.2  |
| 30-40mm | 70    | 21        | 14         | 8     | 2    |
| 40-50mm | 70    | 21        | 14         | 8     | 2    |

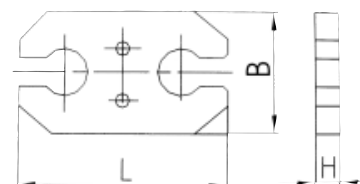
## 单头卡规 Single End Gages



订货号:1619C- 规格-精度

When order, Order No. as 1619C-Size-Accuracy

## 双头卡规 Double End Gages



订货号:1619D- 规格-精度

When order, Order No. as 1619D-Size-Accuracy

### C型可调式卡规 Adjustable Snap Gages

- 用于检测工件的极限尺寸 / Used for gaging limit sizes for parts.
- 符合如下标准 / Conform: ISO 7606-1982.
- 测砧由工具钢制造, 卡规体是铸件。
- 特点: 可调的卡规便于根据需要进行调整, 节约成本和减少库存  
Variety and Inventory reduction, cost reduction.
- 订货要求: 数量, 尺寸, 标记等参数。同时特殊规格也可以订货。  
How to order: Qty, Nominal size, Class, Marking and so on.  
Also special gages on application.



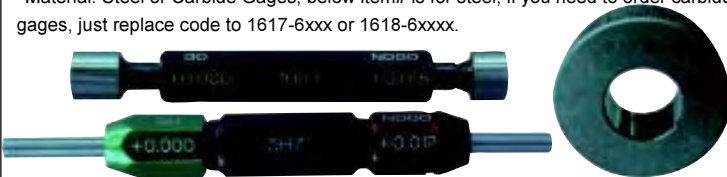
| 测量范围<br>Range(mm) | 产品号<br>Frame No | C型可调卡规<br>Order No. |
|-------------------|-----------------|---------------------|
| 0-6               | 1               | 1619-1001           |
| 6-13              | 2               | 1619-1002           |
| 13-19             | 3               | 1619-1003           |
| 19-25             | 4               | 1619-1004           |
| 25-32             | 5               | 1619-1005           |
| 32-38             | 6               | 1619-1006           |
| 38-44             | 7               | 1619-1007           |
| 44-51             | 8               | 1619-1008           |
| 51-57             | 9               | 1619-1009           |
| 57-63             | 10              | 1619-1010           |
| 63-70             | 11              | 1619-1011           |
| 70-76             | 12              | 1619-1012           |
| 76-82             | 13              | 1619-1013           |
| 82-89             | 14              | 1619-1014           |
| 89-95             | 15              | 1619-1015           |
| 95-101            | 16              | 1619-1016           |
| 101-108           | 17              | 1619-1017           |
| 108-114           | 18              | 1619-1018           |
| 114-120           | 19              | 1619-1019           |
| 120-127           | 20              | 1619-1020           |
| 127-133           | 21              | 1619-1021           |
| 133-139           | 22              | 1619-1022           |
| 139-146           | 23              | 1619-1023           |
| 146-152           | 24              | 1619-1024           |

#### 说明 / Remarks:

- 可调卡规可以提供英制规格, 询价或采购时请注明规格, 测砧形状和材料要求等。  
Inch size adjustable snap gages available upon request, please send us the sizes, anvil styles and material and so on.
- 测砧由工具钢制造, 也可提供硬质合金材料, 卡规体是铸件。  
Anvil are hardened, ground & lapped tool steel, carbide anvils and sizes are available. Body of gage is casting part.
- 英制规格:  
0-11-5/8", 卡规架形状: C型;  
0-0.760", 卡规架形状: MC型;  
0-6", 卡规架形状: A型  
Inch Sizes:  
0-11-5/8", Gage Frame: Model C, Frame#1-16X  
0-0.760", Gage Frame: Model MC, Frame#0 & 00  
0-6", Gage Frame: Model A, Frame#1-10

### 光滑极限环塞规 Limit Plug & Ring Gages

- 用于检测光滑内孔和外径尺寸 / Used for gaging internal hole & external rods.
- 符合如下标准 / Conform: GB1957-81, DIN7162.
- 量规: 国内-25mm 以内是整体的, 25 以上是分体的结构; 出口-两头为锥体锁紧形式。  
Type: Size below 25mm: solid type, 25mm above: one end with handle; or, size below 50mm: taperlock plug gauges, 50mm above, one end with handle.
- 订货要求: 数量, 接头形式, 尺寸, 通止, 等级要求, 标记等参数。  
同时特殊规格, 其他精度在订货时说明。  
How to order: Qty, Type, Nominal size, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.
- 材料: 轴承钢或者镶硬质合金量规, 下面是钢制代号, 合金的为 1617-6xxx 和 1618-6xxx。  
Material: Steel or Carbide Gages, below item# is for steel, if you need to order carbide gages, just replace code to 1617-6xxx or 1618-6xxxx.



| 公称尺寸<br>Size<br>(mm) | 锥柄塞规<br>Taper Lock Plug<br>H7<br>Order No. | 环规<br>Ring Gage<br>h7<br>Order No. | 公称尺寸<br>Size<br>(mm) | 锥柄塞规<br>Taper Lock Plug<br>H7<br>Order No. | 环规<br>Ring Gage<br>h7<br>Order No. |
|----------------------|--------------------------------------------|------------------------------------|----------------------|--------------------------------------------|------------------------------------|
| 1.8                  | 1617-5001                                  | 1618-5001                          | 42                   | 1617-5044                                  | 1618-5044                          |
| 2.0                  | 1617-5002                                  | 1618-5002                          | 44                   | 1617-5045                                  | 1618-5045                          |
| 2.5                  | 1617-5003                                  | 1618-5003                          | 45                   | 1617-5046                                  | 1618-5046                          |
| 3.0                  | 1617-5004                                  | 1618-5004                          | 46                   | 1617-5047                                  | 1618-5047                          |
| 3.5                  | 1617-5005                                  | 1618-5005                          | 47                   | 1617-5048                                  | 1618-5048                          |
| 4.0                  | 1617-5006                                  | 1618-5006                          | 48                   | 1617-5049                                  | 1618-5049                          |
| 4.5                  | 1617-5007                                  | 1618-5007                          | 50                   | 1617-5050                                  | 1618-5050                          |
| 5.0                  | 1617-5008                                  | 1618-5008                          | 52                   | 1617-5051                                  | 1618-5051                          |
| 6.0                  | 1617-5009                                  | 1618-5009                          | 55                   | 1617-5052                                  | 1618-5052                          |
| 7.0                  | 1617-5010                                  | 1618-5010                          | 58                   | 1617-5053                                  | 1618-5053                          |
| 8.0                  | 1617-5011                                  | 1618-5011                          | 60                   | 1617-5054                                  | 1618-5054                          |
| 9.0                  | 1617-5012                                  | 1618-5012                          | 62                   | 1617-5055                                  | 1618-5055                          |
| 10.0                 | 1617-5013                                  | 1618-5013                          | 65                   | 1617-5056                                  | 1618-5056                          |
| 11.0                 | 1617-5014                                  | 1618-5014                          | 68                   | 1617-5057                                  | 1618-5057                          |
| 12.0                 | 1617-5015                                  | 1618-5015                          | 70                   | 1617-5058                                  | 1618-5058                          |
| 13.0                 | 1617-5016                                  | 1618-5016                          | 72                   | 1617-5059                                  | 1618-5059                          |
| 14.0                 | 1617-5017                                  | 1618-5017                          | 75                   | 1617-5060                                  | 1618-5060                          |
| 15.0                 | 1617-5018                                  | 1618-5018                          | 80                   | 1617-5061                                  | 1618-5061                          |
| 16                   | 1617-5019                                  | 1618-5019                          | 82                   | 1617-5062                                  | 1618-5062                          |
| 17                   | 1617-5020                                  | 1618-5020                          | 85                   | 1617-5063                                  | 1618-5063                          |
| 18                   | 1617-5021                                  | 1618-5021                          | 88                   | 1617-5064                                  | 1618-5064                          |
| 19                   | 1617-5022                                  | 1618-5022                          | 90                   | 1617-5065                                  | 1618-5065                          |
| 20                   | 1617-5023                                  | 1618-5023                          | 92                   | 1617-5066                                  | 1618-5066                          |
| 21                   | 1617-5024                                  | 1618-5024                          | 95                   | 1617-5067                                  | 1618-5067                          |
| 22                   | 1617-5025                                  | 1618-5025                          | 98                   | 1617-5068                                  | 1618-5068                          |
| 23                   | 1617-5026                                  | 1618-5026                          | 100                  | 1617-5069                                  | 1618-5069                          |
| 24                   | 1617-5027                                  | 1618-5027                          | 105                  | 1617-5070                                  | 1618-5070                          |
| 25                   | 1617-5028                                  | 1618-5028                          | 110                  | 1617-5071                                  | 1618-5071                          |
| 26                   | 1617-5029                                  | 1618-5029                          | 115                  | 1617-5072                                  | 1618-5072                          |
| 27                   | 1617-5030                                  | 1618-5030                          | 120                  | 1617-5073                                  | 1618-5073                          |
| 28                   | 1617-5031                                  | 1618-5031                          | 125                  | 1617-5074                                  | 1618-5074                          |
| 29                   | 1617-5032                                  | 1618-5032                          | 130                  | 1617-5075                                  | 1618-5075                          |
| 30                   | 1617-5033                                  | 1618-5033                          | 135                  | 1617-5076                                  | 1618-5076                          |
| 31                   | 1617-5034                                  | 1618-5034                          | 150                  | 1617-5077                                  | 1618-5077                          |
| 32                   | 1617-5035                                  | 1618-5035                          | 165                  | 1617-5078                                  | 1618-5078                          |
| 33                   | 1617-5036                                  | 1618-5036                          | 180                  | 1617-5079                                  | 1618-5079                          |
| 34                   | 1617-5037                                  | 1618-5037                          | 200                  | 1617-5080                                  | 1618-5080                          |
| 35                   | 1617-5038                                  | 1618-5038                          | 220                  | 1617-5081                                  | 1618-5081                          |
| 36                   | 1617-5039                                  | 1618-5039                          | 240                  | 1617-5082                                  | 1618-5082                          |
| 37                   | 1617-5040                                  | 1618-5040                          | 250                  | 1617-5083                                  | 1618-5083                          |
| 38                   | 1617-5041                                  | 1618-5041                          | 260                  | 1617-5084                                  | 1618-5084                          |
| 39                   | 1617-5042                                  | 1618-5042                          | 280                  | 1617-5085                                  | 1618-5085                          |
| 40                   | 1617-5043                                  | 1618-5043                          | 300                  | 1617-5086                                  | 1618-5086                          |

## 成套塞规 Pin Gage Sets

### 英制规格塞规 Inch Sets

- Laser marking size, size is quite clear.
- Each set has a certificate, to state the accuracy of each size.
- Smooth finish 10 micro or better, uniform 2" length, or special order.
- A must for checking hole diameter & distance between holes and hole location.
- Sizes marked on storage case.
- All gages Class ZZ.

| No. of Piece | Type     | Size           | 成套塞规 Order No. |
|--------------|----------|----------------|----------------|
| 50           | M0 Plus  | 0.011 to 0.060 | 2616-8100      |
| 50           | M0 Minus | 0.011 to 0.060 | 2616-8101      |
| 190          | M1 Plus  | 0.061 to 0.250 | 2616-8110      |
| 190          | M1 Minus | 0.061 to 0.250 | 2616-8111      |
| 250          | M2 Plus  | 0.251 to 0.500 | 2616-8120      |
| 250          | M2 Minus | 0.251 to 0.500 | 2616-8121      |
| 125          | M3 Plus  | 0.501 to 0.625 | 2616-8130      |
| 125          | M3 Minus | 0.501 to 0.625 | 2616-8131      |
| 125          | M4 Plus  | 0.626 to 0.750 | 2616-8140      |
| 125          | M4 Minus | 0.626 to 0.750 | 2616-8141      |
| 82           | M5 Plus  | 0.751 to 0.832 | 2616-8150      |
| 82           | M5 Minus | 0.751 to 0.832 | 2616-8151      |
| 84           | M6 Plus  | 0.833 to 0.916 | 2616-8160      |
| 84           | M6 Minus | 0.833 to 0.916 | 2616-8161      |
| 84           | M7 Plus  | 0.917 to 1.000 | 2616-8170      |
| 84           | M7 Minus | 0.917 to 1.000 | 2616-8171      |



### 公制规格塞规 Metric Sets

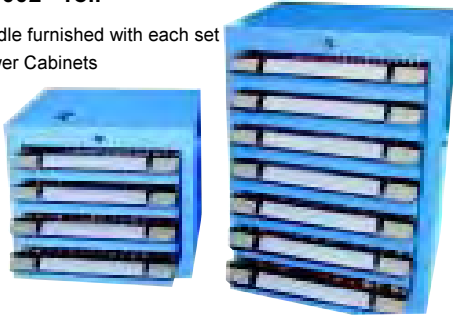
- 热处理硬度 HRC60-62/Heat treated to a hardness of 60/62 HRC.
- 总长 50mm / 50mm overall length with sharp corners broken.
- 木盒包装 / Sets include fitted wooden case.

| No. of Piece | Range(mm)     | Step (mm) | 精度 Tolerance       |                    |                      |                      |                    |                    |
|--------------|---------------|-----------|--------------------|--------------------|----------------------|----------------------|--------------------|--------------------|
|              |               |           | +0.002mm Order No. | -0.002mm Order No. | +/-0.001mm Order No. | +/-0.002mm Order No. | +0.005mm Order No. | -0.005mm Order No. |
| 71           | 0.3-1.00      | 0.01      | 1616-3071          | 1616-4071          | 1616-5071            | 1616-6071            | 1616-7071          | 1616-9071          |
| 100          | 1.01-2.00     | 0.01      | 1616-3102          | 1616-4102          | 1616-5102            | 1616-6102            | 1616-7102          | 1616-9102          |
| 100          | 2.01-3.00     | 0.01      | 1616-3103          | 1616-4103          | 1616-5103            | 1616-6103            | 1616-7103          | 1616-9103          |
| 100          | 3.01-4.00     | 0.01      | 1616-3104          | 1616-4104          | 1616-5104            | 1616-6104            | 1616-7104          | 1616-9104          |
| 100          | 4.01-5.00     | 0.01      | 1616-3105          | 1616-4105          | 1616-5105            | 1616-6105            | 1616-7105          | 1616-9105          |
| 100          | 5.01-6.00     | 0.01      | 1616-3106          | 1616-4106          | 1616-5106            | 1616-6106            | 1616-7106          | 1616-9106          |
| 100          | 6.01-7.00     | 0.01      | 1616-3107          | 1616-4107          | 1616-5107            | 1616-6107            | 1616-7107          | 1616-9107          |
| 100          | 7.01-8.00     | 0.01      | 1616-3108          | 1616-4108          | 1616-5108            | 1616-6108            | 1616-7108          | 1616-9108          |
| 100          | 8.01-9.00     | 0.01      | 1616-3109          | 1616-4109          | 1616-5109            | 1616-6109            | 1616-7109          | 1616-9109          |
| 100          | 9.01-10.00    | 0.01      | 1616-3111          | 1616-4111          | 1616-5111            | 1616-6111            | 1616-7111          | 1616-9111          |
| 900          | 1.01-10.00    | 0.01      | 1616-3900          | 1616-4900          | 1616-5900            | 1616-6900            | 1616-7900          | 1616-9900          |
| 86           | .030-2.00     | 0.02      | 1616-3086          | 1616-4086          | 1616-5086            | 1616-6086            | 1616-7086          | 1616-9086          |
| 100          | 2.02-4.00     | 0.02      | 1616-3114          | 1616-4114          | 1616-5114            | 1616-6114            | 1616-7114          | 1616-9114          |
| 100          | 4.02-6.00     | 0.02      | 1616-3116          | 1616-4116          | 1616-5116            | 1616-6116            | 1616-7116          | 1616-9116          |
| 100          | 6.02-8.00     | 0.02      | 1616-3118          | 1616-4118          | 1616-5118            | 1616-6118            | 1616-7118          | 1616-9118          |
| 100          | 8.02-10.00    | 0.02      | 1616-3119          | 1616-4119          | 1616-5119            | 1616-6119            | 1616-7119          | 1616-9119          |
| 95           | 0.30-5.00     | 0.05      | 1616-3095          | 1616-4095          | 1616-5095            | 1616-6095            | 1616-7095          | 1616-9095          |
| 100          | 5.05-10.00    | 0.05      | 1616-3022          | 1616-4022          | 1616-5022            | 1616-6022            | 1616-7022          | 1616-9022          |
| 48           | 0.30-5.00     | 0.10      | 1616-3048          | 1616-4048          | 1616-5048            | 1616-6048            | 1616-7048          | 1616-9048          |
| 98           | 0.30-10.00    | 0.10      | 1616-3098          | 1616-4098          | 1616-5098            | 1616-6098            | 1616-7098          | 1616-9098          |
| 41           | 1.00-5.00     | 0.10      | 1616-3041          | 1616-4041          | 1616-5041            | 1616-6041            | 1616-7041          | 1616-9041          |
| 91           | 1.00-10.00    | 0.10      | 1616-3091          | 1616-4091          | 1616-5091            | 1616-6091            | 1616-7091          | 1616-9091          |
| 101          | 10.00-20.00   | 0.10      | 1616-3101          | 1616-4101          | 1616-5101            | 1616-6101            | 1616-7101          | 1616-9101          |
| 40           | 0.50-20.00    | 0.50      | 1616-3040          | 1616-4040          | 1616-5040            | 1616-6040            | 1616-7040          | 1616-9040          |
| 20           | 1.00-20.00    | 1.00      | 1616-3020          | 1616-4020          | 1616-5020            | 1616-6020            | 1616-7020          | 1616-9020          |
| 5            | 0.300-1.525   | 0.025     | 1616-3050          | 1616-4050          | 1616-5050            | 1616-6050            | 1616-7050          | 1616-9050          |
| 190          | 1.550-6.275   | 0.025     | 1616-3190          | 1616-4190          | 1616-5190            | 1616-6190            | 1616-7190          | 1616-9190          |
| 140          | 6.300-9.775   | 0.025     | 1616-3140          | 1616-4140          | 1616-5140            | 1616-6140            | 1616-7140          | 1616-9140          |
| 110          | 9.800-12.525  | 0.025     | 1616-3110          | 1616-4110          | 1616-5110            | 1616-6110            | 1616-7110          | 1616-9110          |
| 61           | 13.000-19.000 | 0.100     | 1616-3061          | 1616-4061          | 1616-5061            | 1616-6061            | 1616-7061          | 1616-9061          |

### 英制成套塞规 Steel Pin Gage Sets

#### Class "ZZ", $\pm 0.0002$ " Tol.

- Go/No-Go gage handle furnished with each set
- Consists of 3,4 Drawer Cabinets



| Size Range | Gage Set No. | Plus Order No. | Minus Order No. |
|------------|--------------|----------------|-----------------|
| .011-.750  | M0 to M4     | 2616-8184      | 2616-8185       |
| .061-.750  | M1to M4      | 2616-8190      | 2616-8191       |
| .061-.5005 | M1to M3      | 2616-8186      | 2616-8187       |
| .011-.5005 | M0 to M3     | 2616-8188      | 2616-8189       |
| .061-1.000 | M1 to M7     | 2616-8194      | 2616-8195       |
| .011-1.000 | M0 to M7     | 2616-8196      | 2616-8197       |
| .751-1.000 | M5 to M7     | 2616-8198      | 2616-8199       |

### 陶瓷成套塞规 Ceramic Pin Gage Sets

- Superior abrasion resistance prolongs service life.
- Because ceramic pin gage are free from corrosion, they can be handled with bare hands do not require special maintenance or rust prevention treatment.
- Similar coefficient of thermal expansion to steel, it can be used for measuring steel parts.



| Size(mm)   | Steps  | Length | Tol: $\pm 1\mu\text{m}$<br>Round: $0.8\mu\text{m}$ | Tol: $\pm 2\mu\text{m}$<br>Round: $1.0\mu\text{m}$ |
|------------|--------|--------|----------------------------------------------------|----------------------------------------------------|
|            |        |        | Order No.                                          | Order No.                                          |
| 1.01-2.00  | 0.01mm | 32mm   | 1616-1001                                          | 1616-1011                                          |
| 2.01-3.00  | 0.01mm | 32mm   | 1616-1002                                          | 1616-1012                                          |
| 3.01-4.00  | 0.01mm | 40mm   | 1616-1003                                          | 1616-1013                                          |
| 4.01-5.00  | 0.01mm | 40mm   | 1616-1004                                          | 1616-1014                                          |
| 5.01-6.00  | 0.01mm | 40mm   | 1616-1005                                          | 1616-1015                                          |
| 6.01-7.00  | 0.01mm | 50mm   | 1616-1006                                          | 1616-1016                                          |
| 7.01-8.00  | 0.01mm | 50mm   | 1616-1007                                          | 1616-1017                                          |
| 8.01-9.00  | 0.01mm | 50mm   | 1616-1008                                          | 1616-1018                                          |
| 9.01-10.00 | 0.01mm | 50mm   | 1616-1009                                          | 1616-1019                                          |

### 塞规手把 Pin Gage Handles

#### 公英制适用手把 One set uses one handle, 8 handles cover all sizes

- 8 Size Collets are spring adjusting and self-centering design, which are used for whole range of sizes of pin gage sets.
- Handles & Collets are made from aluminum to protect pin gages.
- Color coded Handle for GO/NO GO checking.
- Power coated handle body.
- One handle with two free collets.



| Specification                       | Order No. | Specification                       | Order No. |
|-------------------------------------|-----------|-------------------------------------|-----------|
| Handle for .011" to .060" M0 50pcs  | 2616-8000 | Handle for .626" to .750" M4 125pcs | 2616-8004 |
| Handle for .061" to .250" M1 190pcs | 2616-8001 | Handle for .751" to .832" M5 82pcs  | 2616-8005 |
| Handle for .251" to .500" M2 250pcs | 2616-8002 | Handle for .833" to .916" M6 84pcs  | 2616-8006 |
| Handle for .501" to .625" M3 125pcs | 2616-8003 | Handle for .917" to 1.000" M7 84pcs | 2616-8007 |

#### 单一手把 1/32 - 1/2"

#### One handles cover sizes 1/32 thru 1/2"

- Handles all pin gages sizes from: 1/32 thru 1/2"
- Go and no go clearly marked
- Casting Aluminium



Order No. 2616-8010

### 英制成套块规 Inch Gage Block Sets

#### 英制块规精度表 Gage Block Accuracy Table

- Higher degree of accuracy when used at temperature of 68° F (20°C).
- Individual serial numbers on each block, regardless of grade.
- A complete certificate of calibration traceable to the N.I.S.T. showing the deviation of each block.
- All sets are supplied in deluxe fitted wood case.
- All sets meet or exceed Fed.Spec. ASME B89.1.9-2002
- Mirror polished surfaces provide superior wringing characteristics.

| Nominal Size | Tolerances(in millionths of an inch) |            |            |               |  |
|--------------|--------------------------------------|------------|------------|---------------|--|
|              | Grade 0                              | Grade AS-1 | Grade AS-2 | Grade Economy |  |
| Thru .050    | $\pm 6$                              | $\pm 12$   | $\pm 24$   |               |  |
| Thru .400    | $\pm 5$                              | $\pm 8$    | $\pm 18$   |               |  |
| Thru 1"      | $\pm 6$                              | $\pm 12$   | $\pm 24$   | $\pm 50$      |  |
| Thru .2"     | $\pm 8$                              | $\pm 16$   | $\pm 32$   |               |  |
| Thru .3"     | $\pm 10$                             | $\pm 20$   | $\pm 40$   |               |  |
| Thru .4"     | $\pm 12$                             | $\pm 24$   | $\pm 48$   |               |  |

#### 36 件套 36 Piece Rectangular Gage Block Sets

##### Sets Included:

- 1 Blocks: 0.050"
- 9 Blocks: 0.1001"-0.1009" by 0.0001" steps
- 9 Blocks: 0.101"-0.109" by 0.001" steps
- 9 Blocks: 0.110"-0.190" by 0.010" steps
- 5 Blocks: 0.100"-0.500" by 0.100" steps
- 3 Blocks: 1, 2, 4"

| Grade   | Steel Order No. | Solid Carbide Order No. |
|---------|-----------------|-------------------------|
| 0       | 1630-4100       | 2125-0362               |
| AS-1    | 1630-4103       | 2125-0363               |
| AS-2    | 1630-4104       | 2125-0364               |
| Economy | 1630-4105       | 2125-0365               |



#### 81 件套 81 Piece Steel Square Gage Block Sets

##### Sets Included:

- 1 Blocks: 0.050"
- 10 Blocks: 0.1000"-0.1009" by 0.0001 steps
- 49 Blocks: 0.101"-0.149" by 0.001" steps
- 17 Blocks: 0.150"-0.950" by 0.050" steps
- 4 Blocks: 1.000"-4.000" by 1.000" steps

| Grade   | Order No. |
|---------|-----------|
| 0       | 2630-4120 |
| AS-1    | 2630-4123 |
| AS-2    | 2630-4124 |
| Economy | 2630-4125 |



## 英制套装块规 Inch Gage Block Sets

### 81 件套 81 Piece Rectangular Gage Block Sets

**Sets Included:**

- 1 Blocks: 0.050"
- 10 Blocks: 0.1000"-0.1009" by 0.0001 steps
- 49 Blocks: 0.101"-0.149" by 0.001" steps
- 17 Blocks: 0.150"-0.950" by 0.050" steps
- 4 Blocks: 1.000"-4.000" by 1.000" steps

| Grade   | Steel<br>Order No. | Solid Carbide<br>Order No. |
|---------|--------------------|----------------------------|
| 0       | 2630-4110          | 2125-0812                  |
| AS-1    | 2630-4113          | 2125-0813                  |
| AS-2    | 2630-4114          | 2125-0814                  |
| Economy | 2630-4115          | 2125-0815                  |



### 英制陶瓷块规 Inch Ceramic 36&81Pcs Gage Block Sets

| Grade   | 36 Piece<br>Order No. | 81 Piece<br>Order No. |
|---------|-----------------------|-----------------------|
| 0       | 2631-0362             | 2631-0812             |
| AS-1    | 2631-0363             | 2631-0813             |
| AS-2    | 2631-0364             | 2631-0814             |
| Economy | 2631-0365             | 2631-0815             |



## 量具校准用块规 Special Steel Gage Block Sets

### Metric Micrometer Checking Sets

千分尺校对规  
ISO3650



| Set   | Specifications                         | Grade | Order No. |
|-------|----------------------------------------|-------|-----------|
| 11Pcs | 10 Gage Blocks, : 2.5, 5.1, 7.7, 10.3, | 0     | 1630-0100 |
|       | 12.9, 15.0, 17.6, 20.2, 22.8, 25.0mm   | 1     | 1630-0101 |
|       | 1 Optical Flat: 30mmDia. x 12mm        | 2     | 1630-0102 |
| 11Pcs | 10 Gage Blocks, : 1, 1.5, 1.5, 2,      | 0     | 1630-0120 |
|       | 3, 5, 10, 15, 20, 25.0mm               | 1     | 1630-0121 |
|       | 1 Optical Flat: 30mmDia. x 12mm        | 2     | 1630-0122 |

### Caliper Inspection Set

卡尺校对规  
ISO3650

**Sets Included:**

- 1 Block: 30mm
  - 1 Block: 41.3mm
  - 1 Block: 131.4mm
  - 2 Steel Setting Rings:  $\phi$ 4mm,  $\phi$ 25mm
  - 1 Pair of gloves.
- Gage Block Grade: Class 1



**Order No. 1630-0000**

### 千分尺校对规 Inch Micrometer Checking Sets

- A certificate shows individual deviation of each block.
- Gage blocks traceable to the NIST.
- 12-Piece feature 2 optical flats with .0125" step for checking spindle at half revolution.
- Optical flats are .0005" thickness accuracy, .000004", Flatness, .00002" Parallel.
- 10-Piece sets & 12-Piece sets feature different blocks combination for precision checking of different ranges.
- Each blocks is serialized.
- with Fitted wooden case.

| Set   | Specifications                                                                                                                               | Order No. |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 10Pcs | 9 Gage Blocks, Grade 0: .0625, .100, .125, .200, .250, .300, .500, 1.000 & 2.000"<br>1 Optical Flat: 1"Dia. x.5125" Thickness.               | 2100-9156 |
| 10Pcs | 9 Gage Blocks, Grade AS-1: .0625, .100, .125, .200, .250, .300, .500, 1.000 & 2.000"<br>1 Optical Flat: 1"Dia. x.5125" Thickness.            | 2100-9157 |
| 12Pcs | 10 Gage Blocks Grade 0: .105, .210, .315, .420, .500, .605, .710, .815, .920, 1.000"<br>2 Optical Flat: 1"Dia. x.5000" &.5125" Thickness.    | 2100-9159 |
| 12Pcs | 10 Gage Blocks Grade AS-1: .105, .210, .315, .420, .500, .605, .710, .815, .920, 1.000"<br>2 Optical Flat: 1"Dia. x.5000" &.5125" Thickness. | 2100-9160 |



## 大规格成套块规 Large Size Steel Gage Block Sets

### Inch

| Piece/Set | Size                               | Grade 0<br>Order No. | AS-1<br>Order No. | AS-2<br>Order No. | Economy<br>Order No. |
|-----------|------------------------------------|----------------------|-------------------|-------------------|----------------------|
| 8         | 5", 6", 7", 8", 10", 12", 16", 20" | 2630-8100            | 2630-8101         | 2630-8102         | 2630-8103            |

### Metric

| Piece/Set | Size                                                      | Grade 0<br>Order No. | Grade 1<br>Order No. | Grade 2<br>Order No. |
|-----------|-----------------------------------------------------------|----------------------|----------------------|----------------------|
| 8         | 125mm, 150mm, 175mm, 200mm,<br>250mm, 300mm, 400mm, 500mm | 1630-8000            | 1630-8001            | 1630-8002            |
| 8         | 25mm, 50mm, 75mm, 100mm<br>125mm, 150mm, 175mm 200mm      | 1630-8200            | 1630-8201            | 1630-8202            |



**公制钢、硬质合金及陶瓷块规 Metric Gage Block Sets**

根据需要，我们可以提供符合 ISO3650, DIN & JIS 等标准的公制块规。

Metric Gage Blocks meet ISO3650, DIN, & JIS Specifications are supplied as indicated in the table.



| 件数<br>Piece/Set | 尺寸<br>Nominal Sizes (mm) | 步长<br>Steps(mm) | 小件数<br>Blocks | 等级<br>Grade | 钢 /Steel<br>Order No. | 合金 /Solid Carbide<br>Order No. | 陶瓷 /Ceramic<br>Order No. |
|-----------------|--------------------------|-----------------|---------------|-------------|-----------------------|--------------------------------|--------------------------|
| 122             | 1.0005                   | ----            | 1             | 0           | 1630-1220             | 1125-1220                      | 1631-1220                |
|                 | 1.001-1.009              | 0.001           | 9             | 1           | 1630-1221             | 1125-1221                      | 1631-1221                |
|                 | 1.01-1.49                | 0.01, 0.5       | 49            | 2           | 1630-1222             | 1125-1222                      | 1631-1222                |
|                 | 1.6-1.9                  | 0.1             | 4             |             |                       |                                |                          |
|                 | 0.5-24.5                 | 0.5             | 49            |             |                       |                                |                          |
|                 | 25,75                    | ----            | 2             |             |                       |                                |                          |
|                 | 30-100                   | 10              | 8             |             |                       |                                |                          |
| 112             | 1.0005                   | ----            | 1             | 0           | 1630-1120             | 1125-5120                      | 1631-1120                |
|                 | 1.001-1.009              | 0.001           | 9             | 1           | 1630-1121             | 1125-5121                      | 1631-1121                |
|                 | 1.01-1.49                | 0.01            | 49            | 2           | 1630-1122             | 1125-5122                      | 1631-1122                |
|                 | 0.5-24.5                 | 0.5             | 49            |             |                       |                                |                          |
|                 | 25-100                   | 25              | 4             |             |                       |                                |                          |
| 103             | 1.005                    | ---             | 1             | 0           | 1630-1030             | 1125-5030                      | 1631-1030                |
|                 | 1.01-1.49                | 0.01            | 49            | 1           | 1630-1031             | 1125-5031                      | 1631-1031                |
|                 | 0.5-24.5                 | 0.5             | 49            | 2           | 1630-1032             | 1125-5032                      | 1631-1032                |
|                 | 25-100                   | 25              | 4             |             |                       |                                |                          |
| 88              | 1.0005                   | ----            | 1             | 0           | 1630-0880             | 1125-4880                      | 1631-0880                |
|                 | 1.001-1.009              | 0.001           | 9             | 1           | 1630-0881             | 1125-4881                      | 1631-0881                |
|                 | 1.01-1.49                | 0.01            | 49            | 2           | 1630-0882             | 1125-4882                      | 1631-0882                |
|                 | 0.5-9.5                  | 0.5             | 19            |             |                       |                                |                          |
|                 | 10-100                   | 10              | 10            |             |                       |                                |                          |
| 87              | 1.001-1.009              | 0.001           | 9             | 0           | 1630-0870             | 1125-4870                      | 1631-0870                |
|                 | 1.01-1.49                | 0.01            | 49            | 1           | 1630-0871             | 1125-4871                      | 1631-0871                |
|                 | 0.5-9.5                  | 0.5             | 19            | 2           | 1630-0872             | 1125-4872                      | 1631-0872                |
|                 | 10-100                   | 10              | 10            |             |                       |                                |                          |
| 83              | 1.005                    | ---             | 1             | 0           | 1630-0830             | 1125-4830                      | 1631-0830                |
|                 | 1.01-1.49                | 0.01            | 49            | 1           | 1630-0831             | 1125-4831                      | 1631-0831                |
|                 | 1.6-1.9                  | 0.1             | 4             | 2           | 1630-0832             | 1125-4832                      | 1631-0832                |
|                 | 0.5-9.5                  | 0.5             | 19            |             |                       |                                |                          |
|                 | 10-100                   | 10              | 10            |             |                       |                                |                          |
| 76              | 1.005                    | ---             | 1             | 0           | 1630-0760             | 1125-4760                      | 1631-0760                |
|                 | 1.01-1.49                | 0.01            | 49            | 1           | 1630-0761             | 1125-4761                      | 1631-0761                |
|                 | 0.5-9.5                  | 0.1             | 19            | 2           | 1630-0762             | 1125-4762                      | 1631-0762                |
|                 | 10-50                    | 10              | 5             |             |                       |                                |                          |
|                 | 75-100                   | 25              | 2             |             |                       |                                |                          |
| 47              | 1.005                    | ---             | 1             | 0           | 1630-0474             | 125-4474                       | 1631-0470                |
|                 | 1.01-1.09                | 0.01            | 9             | 1           | 1630-0475             | 125-4475                       | 1631-0471                |
|                 | 1.1-1.9                  | 0.1             | 9             | 2           | 1630-0476             | 125-4476                       | 1631-0472                |
|                 | 1-24                     | 1               | 24            |             |                       |                                |                          |
|                 | 25-100                   | 25              | 4             |             |                       |                                |                          |
| 47              | 1.005                    | ---             | 1             | 0           | 1630-0470             | 1125-4470                      | 1631-0474                |
|                 | 1.01-1.20                | 0.01            | 20            | 1           | 1630-0471             | 1125-4471                      | 1631-0475                |
|                 | 1.3-1.9                  | 0.1             | 7             | 2           | 1630-0472             | 1125-4472                      | 1631-0476                |
|                 | 1-9                      | 1               | 9             |             |                       |                                |                          |
|                 | 10-100                   | 10              | 10            |             |                       |                                |                          |
| 46              | 1.001-1.009              | 0.001           | 9             | 0           | 1630-0460             | 1125-4460                      | 1631-0460                |
|                 | 1.01-1.09                | 0.01            | 9             | 1           | 1630-0461             | 1125-4461                      | 1631-0461                |
|                 | 1.1-1.9                  | 0.1             | 9             | 2           | 1630-0462             | 1125-4462                      | 1631-0462                |
|                 | 1-9                      | 1               | 9             |             |                       |                                |                          |
|                 | 10-100                   | 10              | 10            |             |                       |                                |                          |
| 38              | 1.005                    | ---             | 1             | 0           | 1630-0380             | 1125-4380                      | 1631-0380                |
|                 | 1.01-1.09                | 0.01            | 9             | 1           | 1630-0381             | 1125-4381                      | 1631-0381                |
|                 | 1.1-1.9                  | 0.1             | 9             | 2           | 1630-0382             | 1125-4382                      | 1631-0382                |
|                 | 1-9                      | 1               | 9             |             |                       |                                |                          |
|                 | 10-100                   | 10              | 10            |             |                       |                                |                          |
| 32              | 1.005                    | ---             | 1             | 0           | 1630-0320             | 1125-4320                      | 1631-0320                |
|                 | 1.01-1.09                | 0.01            | 9             | 1           | 1630-0321             | 1125-4321                      | 1631-0321                |
|                 | 1.1-1.9                  | 0.1             | 9             | 2           | 1630-0322             | 1125-4322                      | 1631-0322                |
|                 | 1-9                      | 1               | 9             |             |                       |                                |                          |
|                 | 10-30                    | 10              | 3             |             |                       |                                |                          |
|                 | 50                       | ---             | 1             |             |                       |                                |                          |

块规附件 Gage Block Accessories

套装块规附件 Gage Block Accessory Sets



公制块规附件 Gage Block Accessory Sets

| No of set | Specifications                                                                                                                    | Metric Order No. |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|
| 10Pcs/set | Clamps: 50,100&200mm; Radius Cylindrical Jaws: 2&5mm; Scriber; Center Point;Base Block                                            | 1631-2910        |
| 15Pcs/set | Clamps: 50,100&200mm; Radius Cylindrical Jaws: 2,5&10mm; Beveled Ends jaws:100mm;Scriber; Center Point;Knife Edge Jaws            | 1631-2915        |
| 17Pcs/set | Clamps: 50,100&200mm; Radius Cylindrical Jaws: 2,5&10mm; Beveled Ends jaws:100mm;Scriber; Center Point;Knife Edge Jaws;Base Block | 1631-2918        |



英制块规附件 Gage Block Accessory Sets

| No of set | Specifications                                                                                                                                                       | Inch Order No. |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 13Pcs/set | Clamps: 4" & 10" , Radius Jaws: 0.75" 1 pair, Flat Jaws:6" Scriber Point, Center Point, Tram Point, Jaws with ref lines, Base Block                                  | 2631-2920      |
| 27Pcs/set | Clamps: 2.25,4,6 & 10" ,Radius Jaws: 0.1,0.2,0.25&0.75", Parallel Jaw: 4 &6", Flat Jaws:6", Scriber Point, Center Point, Tram Point, Jaws with Ref lines, Base Block | 2631-2927      |

单件块规附件 Individual Gage Block Accessories

Mounting surfaces of each accessories are lapped flat and parallel with gage blocks and base.

Metric Base Blocks



Size: LxWxT 102x72x25mm  
Order No. 1631-2800

Inch Base Blocks



Size: LxWxT 4x2-3/4x1.7"  
Order No. 2631-3128

Radius Cylindrical Jaws



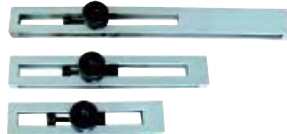
Metric Size:

| Radius   | Order No. |
|----------|-----------|
| R2x8mm   | 1631-2302 |
| R5x15mm  | 1631-2305 |
| R10x40mm | 1631-2310 |

Inch Size:

| Radius        | Order No. |
|---------------|-----------|
| R0.1"x0.316"  | 2631-3111 |
| R0.2"x0.587"  | 2631-3112 |
| R0.25"x0.988" | 2631-3113 |
| R0.5"x1.567"  | 2631-3114 |
| R0.75"x2.558" | 2631-3115 |

Metric Clamps



| Capacity | Order No. |
|----------|-----------|
| 50mm     | 1631-2050 |
| 100mm    | 1631-2100 |
| 200mm    | 1631-2200 |
| 300mm    | 1631-2230 |
| 400mm    | 1631-2240 |
| 500mm    | 1631-2250 |
| 600mm    | 1631-2260 |

Inch Clamps



| Capacity | Order No. |
|----------|-----------|
| 2.25"    | 2631-3101 |
| 4"       | 2631-3102 |
| 6"       | 2631-3103 |
| 10"      | 2631-3104 |
| 16"      | 2631-3105 |

Center Point



Size: Dia 8.4x15mm  
Order No. 1631-2600  
Size: Dia 0.331x0.593"  
Order No. 2631-3125

Beveled Ends Jaw



Size: TxWxL: 9x19x100mm  
Metric Order No. 1631-2400

Inch Size:

| Size          | Order No. |
|---------------|-----------|
| 0.354x0.75x4" | 2631-3121 |
| 0.354x0.75x6" | 2631-3122 |

Inch Tram Point



Size: R0.787x0.73"  
Order No. 2631-3126

Scriber Point



Metric Total Length: 45mm  
Order No. 1631-2500  
Inch Total Length:1.95"  
Order No. 2631-3124

Inch Flat Jaw



Total Length: 0.354x.75x6"  
Order No. 2631-3123

Knife Edge Jaws



Total Length: 60mm  
Order No. 1631-2700

Inch Jaw with Ref Line



Size: 1.97x.3543x.394"  
Reference line: 0.0625"  
Order No. 2631-3127

100mm Straight Edge



Total Length: 45mm  
Order No. 1638-7110

Connecting Holder



For holding 100mm or up with two holes  
Order No. 2630-3130

## 公制内螺纹尺寸表 Metric Internal Thread Pitch Diameter Chart

- Metric threads Standard series-Internal Threads Only(Class 6H)
- 公制螺纹标准系列 - 精度为 6H 的内螺纹尺寸表

| 基本螺纹尺寸<br>Basic Thread<br>Designation | 名义外径<br>Nominal OD | 螺距<br>Pitch | 大径 (最小)<br>Major Dia | 中 径                  |                      | 小 径                  |                      |
|---------------------------------------|--------------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                       |                    |             |                      | 最小值<br>Min Pitch Dia | 最大值<br>Max Pitch Dia | 最小值<br>Min Minor Dia | 最大值<br>Max Minor Dia |
| M1.6x0.35                             | 1.6                | 0.35        | 1.600                | 1.373                | 1.458                | 1.221                | 1.321                |
| M2x0.4                                | 2.0                | 0.40        | 2.000                | 1.740                | 1.830                | 1.567                | 1.679                |
| M2.5x0.45                             | 2.5                | 0.45        | 2.500                | 2.208                | 2.303                | 2.013                | 2.138                |
| M3x0.5                                | 3.0                | 0.50        | 3.000                | 2.675                | 2.775                | 2.459                | 2.599                |
| M3.5x0.6                              | 3.5                | 0.60        | 3.500                | 3.110                | 3.222                | 2.850                | 3.010                |
| M4x0.7                                | 4.0                | 0.70        | 4.000                | 3.545                | 3.663                | 3.242                | 3.422                |
| M5x0.8                                | 5.0                | 0.80        | 5.000                | 4.480                | 4.605                | 4.134                | 4.334                |
| M6x1                                  | 6.0                | 1.00        | 6.000                | 5.350                | 5.500                | 4.917                | 5.153                |
| M8x1.25                               | 8.0                | 1.25        | 8.000                | 7.188                | 7.348                | 6.647                | 6.912                |
| M8x1                                  | 8.0                | 1.00        | 8.000                | 7.350                | 7.500                | 6.917                | 7.153                |
| M10x1.5                               | 10.0               | 1.50        | 10.000               | 9.026                | 9.206                | 8.376                | 8.676                |
| M10x1.25                              | 10.0               | 1.25        | 10.000               | 9.118                | 9.348                | 8.647                | 8.912                |
| M10x0.75                              | 10.0               | 0.75        | 10.000               | 9.513                | 9.645                | 9.188                | 9.378                |
| M12x1.75                              | 12.0               | 1.75        | 12.000               | 10.863               | 11.063               | 10.106               | 10.441               |
| M12x1.5                               | 12.0               | 1.50        | 12.000               | 11.026               | 11.216               | 10.376               | 10.676               |
| M12x1.25                              | 12.0               | 1.25        | 12.000               | 11.188               | 11.368               | 10.647               | 10.921               |
| M12x1                                 | 12.0               | 1.00        | 12.000               | 11.350               | 11.510               | 10.917               | 11.153               |
| M14x2                                 | 14.0               | 2.00        | 14.000               | 12.701               | 12.913               | 11.835               | 12.210               |
| M14x1.5                               | 14.0               | 1.50        | 14.000               | 13.026               | 13.216               | 12.376               | 12.676               |
| M15x1                                 | 15.0               | 1.00        | 15.000               | 14.350               | 14.510               | 13.917               | 14.153               |
| M16x2                                 | 16.0               | 2.00        | 16.000               | 14.701               | 14.913               | 13.835               | 14.210               |
| M16x1.5                               | 16.0               | 1.50        | 16.000               | 15.026               | 15.216               | 14.376               | 14.676               |
| M17x1                                 | 17.0               | 1.00        | 17.000               | 16.350               | 16.510               | 15.917               | 16.153               |
| M18x1.5                               | 18.0               | 1.50        | 18.000               | 17.026               | 17.216               | 16.376               | 16.676               |
| M20x2.5                               | 20.0               | 2.50        | 20.000               | 18.376               | 18.600               | 17.294               | 17.744               |
| M20x1.5                               | 20.0               | 1.50        | 20.000               | 19.026               | 19.216               | 18.376               | 18.676               |
| M20x1                                 | 20.0               | 1.00        | 20.000               | 19.350               | 19.510               | 18.917               | 19.153               |
| M22x2.5                               | 22.0               | 2.50        | 22.000               | 20.376               | 20.600               | 19.294               | 19.744               |
| M22x1.5                               | 22.0               | 1.50        | 22.000               | 21.026               | 21.216               | 20.376               | 20.676               |
| M24x3                                 | 24.0               | 3.00        | 24.000               | 22.051               | 22.316               | 20.752               | 21.252               |
| M24x2                                 | 24.0               | 2.00        | 24.000               | 22.701               | 22.925               | 21.835               | 22.210               |
| M25x1.5                               | 25.0               | 1.50        | 25.000               | 24.026               | 24.226               | 23.376               | 23.676               |
| M27x3                                 | 27.0               | 3.00        | 27.000               | 25.051               | 25.316               | 23.752               | 24.252               |
| M27x2                                 | 27.0               | 2.00        | 27.000               | 25.701               | 25.925               | 24.835               | 25.210               |
| M30x3.5                               | 30.0               | 3.50        | 30.000               | 27.727               | 28.007               | 26.211               | 26.771               |
| M30x2                                 | 30.0               | 2.00        | 30.000               | 28.701               | 29.925               | 27.835               | 28.210               |
| M30x1.5                               | 30.0               | 1.50        | 30.000               | 29.026               | 29.226               | 28.376               | 28.676               |
| M33x2                                 | 33.0               | 2.00        | 33.000               | 31.701               | 31.925               | 30.835               | 31.210               |
| M35x1.5                               | 35.0               | 1.50        | 35.000               | 34.026               | 34.226               | 33.376               | 33.676               |
| M36x4                                 | 36.0               | 4.00        | 36.000               | 33.402               | 33.702               | 31.670               | 32.270               |
| M36x2                                 | 36.0               | 2.00        | 36.000               | 34.701               | 34.925               | 33.835               | 34.210               |
| M39x2                                 | 39.0               | 2.00        | 39.000               | 37.701               | 37.925               | 36.835               | 37.210               |

## 公制外螺纹尺寸表 Metric External Thread Pitch Diameter Chart

- Metric threads Standard series-External Threads Only(Class 6g)
- 公制螺纹标准系列－精度为 6g 的外螺纹尺寸表

| 基本螺纹尺寸<br>Basic Thread Designation | 名义外径<br>Nominal OD | 螺距<br>Pitch | 大 径                  |                      | 中 径                  |                      | 小径 (最大)<br>平齿根<br>Minor Dia |
|------------------------------------|--------------------|-------------|----------------------|----------------------|----------------------|----------------------|-----------------------------|
|                                    |                    |             | 最大值<br>Max Major Dia | 最小值<br>Min Major Dia | 最大值<br>Max Pitch Dia | 最小值<br>Min Pitch Dia |                             |
| M1.6x0.35                          | 1.6                | 0.35        | 1.581                | 1.496                | 1.354                | 1.291                | 1.202                       |
| M2x0.4                             | 2.0                | 0.40        | 1.981                | 1.886                | 1.721                | 1.654                | 1.548                       |
| M2.5x0.45                          | 2.5                | 0.45        | 2.480                | 2.380                | 2.188                | 2.117                | 1.993                       |
| M3x0.5                             | 3.0                | 0.50        | 2.980                | 2.874                | 2.655                | 2.580                | 2.439                       |
| M3.5x0.6                           | 3.5                | 0.60        | 3.479                | 3.354                | 3.089                | 3.004                | 2.829                       |
| M4x0.7                             | 4.0                | 0.70        | 3.978                | 3.838                | 3.523                | 3.433                | 3.220                       |
| M5x0.8                             | 5.0                | 0.80        | 4.976                | 4.826                | 4.456                | 4.361                | 4.110                       |
| M6x1                               | 6.0                | 1.00        | 5.974                | 5.794                | 5.324                | 5.212                | 4.891                       |
| M8x1.25                            | 8.0                | 1.25        | 7.972                | 7.760                | 7.160                | 7.042                | 6.619                       |
| M8x1                               | 8.0                | 1.00        | 7.974                | 7.794                | 7.324                | 7.212                | 6.891                       |
| M10x1.5                            | 10.0               | 1.50        | 9.968                | 9.732                | 8.994                | 8.862                | 8.344                       |
| M10x1.25                           | 10.0               | 1.25        | 9.972                | 9.760                | 7.160                | 9.042                | 8.619                       |
| M10x0.75                           | 10.0               | 0.75        | 9.978                | 9.838                | 9.491                | 9.391                | 9.166                       |
| M12x1.75                           | 12.0               | 1.75        | 11.966               | 11.701               | 10.829               | 10.679               | 10.027                      |
| M12x1.5                            | 12.0               | 1.50        | 11.968               | 11.732               | 10.994               | 10.854               | 10.344                      |
| M12x1.25                           | 12.0               | 1.25        | 11.972               | 11.760               | 11.160               | 11.028               | 10.619                      |
| M12x1                              | 12.0               | 1.00        | 11.974               | 11.794               | 11.324               | 11.206               | 10.891                      |
| M14x2                              | 14.0               | 2.00        | 13.962               | 13.682               | 12.663               | 12.503               | 11.797                      |
| M14x1.5                            | 14.0               | 1.50        | 13.968               | 13.732               | 12.994               | 12.854               | 12.344                      |
| M15x1                              | 15.0               | 1.00        | 14.974               | 14.794               | 14.324               | 14.206               | 13.891                      |
| M16x2                              | 16.0               | 2.00        | 15.962               | 15.682               | 14.663               | 14.503               | 13.797                      |
| M16x1.5                            | 16.0               | 1.50        | 15.968               | 15.732               | 14.994               | 14.854               | 14.344                      |
| M17x1                              | 17.0               | 1.00        | 16.974               | 16.794               | 16.324               | 16.206               | 15.891                      |
| M18x1.5                            | 18.0               | 1.50        | 17.968               | 17.732               | 16.994               | 16.854               | 16.344                      |
| M20x2.5                            | 20.0               | 2.50        | 19.958               | 19.623               | 18.334               | 18.164               | 17.252                      |
| M20x1.5                            | 20.0               | 1.50        | 19.968               | 19.732               | 18.994               | 18.854               | 18.344                      |
| M20x1                              | 20.0               | 1.00        | 19.974               | 19.794               | 19.324               | 19.206               | 18.891                      |
| M22x2.5                            | 22.0               | 2.50        | 21.958               | 21.623               | 20.334               | 20.164               | 19.252                      |
| M22x1.5                            | 22.0               | 1.50        | 21.968               | 21.732               | 20.994               | 20.854               | 20.344                      |
| M24x3                              | 24.0               | 3.00        | 23.952               | 23.577               | 22.003               | 21.803               | 20.704                      |
| M24x2                              | 24.0               | 2.00        | 23.962               | 23.682               | 22.663               | 22.493               | 21.797                      |
| M25x1.5                            | 25.0               | 1.50        | 24.968               | 24.732               | 23.994               | 23.844               | 23.344                      |
| M27x3                              | 27.0               | 3.00        | 26.952               | 26.577               | 25.003               | 24.803               | 23.744                      |
| M27x2                              | 27.0               | 2.00        | 26.962               | 26.682               | 25.663               | 25.493               | 24.797                      |
| M30x3.5                            | 30.0               | 3.50        | 29.947               | 29.522               | 27.674               | 27.462               | 26.158                      |
| M30x2                              | 30.0               | 2.00        | 29.962               | 29.682               | 28.663               | 28.490               | 27.797                      |
| M30x1.5                            | 30.0               | 1.50        | 29.968               | 29.732               | 28.994               | 28.844               | 28.344                      |
| M33x2                              | 33.0               | 2.00        | 32.962               | 32.682               | 31.663               | 31.493               | 30.797                      |
| M35x1.5                            | 35.0               | 1.50        | 34.968               | 34.732               | 33.994               | 33.844               | 33.344                      |
| M36x4                              | 36.0               | 4.00        | 35.940               | 35.465               | 33.342               | 33.118               | 31.610                      |
| M36x2                              | 36.0               | 2.00        | 35.962               | 35.682               | 34.663               | 34.493               | 33.797                      |
| M39x2                              | 39.0               | 2.00        | 38.962               | 38.682               | 37.663               | 37.493               | 36.797                      |

## 美标内螺纹中径尺寸表 ANSI &amp; Unified Internal Thread Pitch Diameter Chart

- Inch threads standard series-Internal Threads Only(American National & Unified series)
- 美国国家标准以及美制统一螺纹标准系列-内螺纹中径尺寸表

| 名义尺寸<br>Nominal<br>Size | 通端尺寸<br>所有精度<br>Go Basic | 止端尺寸 NO GO |       |        |        | 名义尺寸<br>Nominal<br>Size                       | 通端尺寸<br>所有精度<br>Go Basic | 止端尺寸 NO GO |        |        |        |
|-------------------------|--------------------------|------------|-------|--------|--------|-----------------------------------------------|--------------------------|------------|--------|--------|--------|
|                         |                          | 美国国家标准     |       | 美制统一螺纹 |        |                                               |                          | 美国国家标准     |        | 美制统一螺纹 |        |
|                         |                          | Cl. 2      | Cl. 3 | CL. 2B | Cl. 3B |                                               |                          | Cl. 2      | Cl. 3  | CL. 2B | Cl. 3B |
| 0-80NF,UNF              | .0519                    | .0536      | .0532 | .0542  | .0536  | 9/16-24NEF,UNEF                               | .5354                    | .5394      | .5382  | .5405  | .5392  |
| 1-64NC,UNC              | .0629                    | .0648      | .0643 | .0655  | .0648  | 5/8-11NC,UNC                                  | .5660                    | .5719      | .5702  | .5732  | .5714  |
| 1-72NF,UNF              | .0640                    | .0658      | .0653 | .0665  | .0659  | 5/8-18NF,UNF                                  | .5889                    | .5930      | .5919  | .5949  | .5934  |
| 2-56NC,UNC              | .0744                    | .0764      | .0759 | .0772  | .0765  | 5/8-24NEF,UNEF                                | .5979                    | .6020      | .6008  | .6031  | .6018  |
| 2-64NF,UNF              | .0759                    | .0778      | .0773 | .0786  | .0779  | 11/16-24NEF,UNEF                              | .6604                    | .6645      | .6633  | .6656  | .6643  |
| 3-48NC,UNC              | .0855                    | .0877      | .0871 | .0885  | .0877  | 3/4-10NC,UNC                                  | .6850                    | .6914      | .6895  | .6927  | .6907  |
| 3-56NF,UNF              | .0874                    | .0894      | .0889 | .0902  | .0895  | 3/4-16NF,UNF                                  | .7094                    | .7139      | .7126  | .7159  | .7143  |
| 4-40NC,UNC              | .0958                    | .0982      | .0975 | .0991  | .0982  | 3/4-20NEF,UNEF                                | .7175                    | .7221      | .7207  | .7232  | .7218  |
| 4-48NF,UNF              | .0985                    | .1007      | .1001 | .1016  | .1008  | 13/16-20NEF,UNEF                              | .7800                    | .7846      | .7832  | .7857  | .7843  |
| 5-40NV,UNC              | .1088                    | .1112      | .1105 | .1121  | .1113  | 7/8-9NC,UNC                                   | .8028                    | .8098      | .8077  | .8110  | .8089  |
| 5-44NF,UNF              | .1102                    | .1125      | .1118 | .1134  | .1126  | 7/8-14NF,UNF                                  | .8286                    | .8335      | .8322  | .8356  | .8339  |
| 6-32NC,UNC              | .1177                    | .1204      | .1196 | .1214  | .1204  | 7/8-20NEF,UNEF                                | .8425                    | .8472      | .8458  | .8482  | .8468  |
| 6-40NF,UNF              | .1218                    | .1242      | .1235 | .1252  | .1243  | 15/16-20NEF,UNEF                              | .9050                    | .9097      | .9083  | .9109  | .9094  |
| 8-32NC,UNC              | .1437                    | .1464      | .1456 | .1475  | .1465  | 1"-8NC,UNC                                    | .9188                    | .9264      | .9242  | .9276  | .9254  |
| 8-36NF,UNF              | .1460                    | .1485      | .1478 | .1496  | .1487  | 1"-12N,UNF                                    | .9459                    | .9515      | .9499  | .9535  | .9516  |
| 10-24NC,UNC             | .1629                    | .1662      | .1653 | .1672  | .1661  | 1"-14NS,UNS                                   | .9536                    | .9585      | .9572  | .9609  | .9590  |
| 10-32NF,UNF             | .1697                    | .1724      | .1716 | .1736  | .1726  | 1"-20NEF,UNEF                                 | .9675                    | .9723      | .9709  | .9734  | .9719  |
| 12-24NC,UNC             | .1889                    | .1922      | .1913 | .1933  | .1922  | 11/16-12N,UN                                  | 1.0084                   | 1.0140     | 1.0124 | 1.0158 | 1.0139 |
| 12-28NF,UNF             | .1928                    | .1959      | .1950 | .1970  | .1959  | 11/16-18NEF,UNEF                              | 1.0264                   | 1.0315     | 1.0300 | 1.0326 | 1.0310 |
| 12-32NEF,UNEF           | .1957                    | .1988      | .1979 | .1998  | .1988  | 11/8-7NC,UNC                                  | 1.0322                   | 1.0407     | 1.0381 | 1.0416 | 1.0393 |
| 1/4-20NC,UNC            | .2175                    | .2211      | .2201 | .2224  | .2211  | 11/8-12NF,UNF                                 | 1.0709                   | 1.0765     | 1.0749 | 1.0787 | 1.0768 |
| 1/4-28NF,UNF            | .2268                    | .2299      | .2290 | .2311  | .2300  | 11/8-18NEF,UNEF                               | 1.0889                   | 1.0941     | 1.0925 | 1.0951 | 1.0935 |
| 1/4-32NEF,UNEF          | .2297                    | .2329      | .2319 | .2339  | .2328  | 13/16-12N,UN                                  | 1.1334                   | 1.1390     | 1.1374 | 1.1409 | 1.1390 |
| 5/16-18NC,UNC           | .2764                    | .2805      | .2749 | .2871  | .2903  | 13/16-18NEF,UNEF                              | 1.1514                   | 1.1566     | 1.1550 | 1.1577 | 1.1561 |
| 5/16-24NF,UNF           | .2854                    | .2887      | .2878 | .2902  | .2890  | 11/4-7NC,UNC                                  | 1.1572                   | 1.1657     | 1.1631 | 1.1668 | 1.1644 |
| 5/16-32NEF,UNEF         | .2922                    | .2955      | .2945 | .2964  | .2953  | 11/4-12NF,UNF                                 | 1.1959                   | 1.2015     | 1.1999 | 1.2039 | 1.2019 |
| 3/8-16NC,UNC            | .3344                    | .3389      | .3376 | .3401  | .3387  | 11/4-18NEF,UNEF                               | 1.2139                   | 1.2192     | 1.2176 | 1.2202 | 1.2186 |
| 3/8-24NF,UNF            | .3479                    | .3512      | .3503 | .3528  | .3516  | 15/16-12N,UN                                  | 1.2584                   | 1.2640     | 1.2624 | 1.2659 | 1.2640 |
| 3/8-32NEF,UNEF          | .3547                    | .3581      | .3571 | .3591  | .3580  | 15/16-18NEF,UNEF                              | 1.2764                   | 1.2817     | 1.3281 | 1.2827 | 1.2811 |
| 7/16-14NC,UNC           | .3911                    | .3960      | .3947 | .3972  | .3957  | 13/8-6NC,UNC                                  | 1.2667                   | 1.2768     | 1.2738 | 1.2771 | 1.2745 |
| 7/16-20NF,UNF           | .4050                    | .4086      | .4076 | .4101  | .4091  | 13/8-12NF,UNF                                 | 1.3209                   | 1.3265     | 1.3249 | 1.3291 | 1.3270 |
| 7/16-28NEF,UNEF         | .4143                    | .4719      | .4168 | .4189  | .4178  | 13/8-18NEF,UNEF                               | 1.3389                   | 1.3443     | 1.3427 | 1.3452 | 1.3436 |
| 1/2-12N,UN              | .4459                    | .4515      | .4499 | .4529  | .4511  | 17/16-12N,UN                                  | 1.3834                   | 1.3890     | 1.3874 | 1.3910 | 1.3891 |
| 1/2-13NC,UNC            | .4500                    | .4552      | .4637 | .4565  | .4548  | 17/16-18NEF,UNEF                              | 1.4014                   | 1.4068     | 1.4052 | 1.4079 | 1.4062 |
| 1/2-20NF,UNF            | .4675                    | .4711      | .4701 | .4731  | .4717  | 11/2-6NC,UNC                                  | 1.3917                   | 1.4018     | 1.3988 | 1.4022 | 1.3996 |
| 1/2-28NEF,UNEF          | .4768                    | .4805      | .4794 | .4816  | .4804  | 11/2-112NF,UNF                                | 1.4459                   | 1.4515     | 1.4499 | 1.4542 | 1.4522 |
| 9/16-12NC,UNC           | .5084                    | .5140      | .5124 | .5152  | .5135  | 11/2-18NEF,UNEF                               | 1.4639                   | 1.4694     | 1.4677 | 1.4704 | 1.4687 |
| 9/16-18NF,UNF           | .5264                    | .5305      | .5294 | .5323  | .5308  | 数据取自 Fed.Std. H-28-1957, Part1/ANSI B1.1-1997 |                          |            |        |        |        |

美标外螺纹中径尺寸表 ANSI & Unified External Thread Pitch Diameter Chart

- Inch threads standard series-External Threads Only(American National & Unified series)
- 美国国家标准以及美制统一螺纹标准系列-外螺纹中径尺寸表

| 名义尺寸<br>Normal<br>Size | 美国国家标准 |       |       | 美制统一-螺纹 |       |       |       | 名义尺寸<br>Normal<br>Size                        | 美国国家标准 |        |        | 美制统一-螺纹 |        |        |        |
|------------------------|--------|-------|-------|---------|-------|-------|-------|-----------------------------------------------|--------|--------|--------|---------|--------|--------|--------|
|                        | GO     | NO GO |       | GO      |       | NO GO |       |                                               | GO     | NO GO  |        | GO      |        | NO GO  |        |
|                        | CL2.3  | CL 2  | CL 3  | CL 2A   | CL 3A | CL 2A | CL 3A |                                               | CL2.3  | CL 2   | CL 3   | CL 2A   | CL 3A  | CL 2A  | CL 3A  |
| 0-80NF,UNF             | .0519  | .0502 | .0506 | .0542   | .0536 | .0542 | .0536 | 9/16-24NEF,UNEF                               | .5354  | .5314  | .5326  | .5354   | .5342  | .5303  | .5325  |
| 1-64NC,UNC             | .0629  | .0610 | .0615 | .0655   | .0648 | .0655 | .0648 | 5/8-11NC,UNC                                  | .5660  | .5601  | .5618  | .5660   | .5644  | .5589  | .5619  |
| 1-72NF,UNF             | .0640  | .0622 | .0627 | .0665   | .0659 | .0665 | .0659 | 5/8-18NF,UNF                                  | .5889  | .5848  | .5859  | .5889   | .5875  | .5828  | .5854  |
| 2-56NC,UNC             | .0744  | .0724 | .0729 | .0772   | .0765 | .0772 | .0765 | 5/8-24NEF,UNEF                                | .5979  | .5938  | .5950  | .5979   | .5967  | .5927  | .5949  |
| 2-64NF,UNF             | .0759  | .0740 | .0745 | .0786   | .0779 | .0786 | .0779 | 11/16-24NEF,UNEF                              | .6604  | .6563  | .6575  | .6604   | .6592  | .6552  | .6574  |
| 3-48NC,UNC             | .0855  | .0833 | .0839 | .0885   | .0877 | .0885 | .0877 | 3/4-10NC,UNC                                  | .6850  | .6786  | .6805  | .6850   | .6832  | .6773  | .6806  |
| 3-56NF,UNF             | .0874  | .0854 | .0859 | .0902   | .0895 | .0902 | .0895 | 3/4-16NF,UNF                                  | .7094  | .7049  | .7062  | .7094   | .7079  | .7029  | .7056  |
| 4-40NC,UNC             | .0958  | .0934 | .0941 | .0991   | .0982 | .0991 | .0982 | 3/4-20NEF,UNEF                                | .7175  | .7129  | .7143  | .7175   | .7162  | .7118  | .7142  |
| 4-48NF,UNF             | .0985  | .0963 | .0969 | .1016   | .1008 | .1016 | .1008 | 13/16-20NEF,UNEF                              | .7800  | .7754  | .7768  | .7800   | .7787  | .7743  | .7767  |
| 5-40NV,UNC             | .1088  | .1064 | .1071 | .1121   | .1113 | .1121 | .1113 | 7/8-9NC,UNC                                   | .8028  | .7958  | .7979  | .8028   | .8009  | .7946  | .7981  |
| 5-44NF,UNF             | .1102  | .1079 | .1086 | .1134   | .1126 | .1134 | .1126 | 7/8-14NF,UNF                                  | .8286  | .8237  | .8250  | .8286   | .8270  | .8216  | .8245  |
| 6-32NC,UNC             | .1177  | .1150 | .1158 | .1214   | .1204 | .1214 | .1204 | 7/8-20NEF,UNEF                                | .8425  | .8378  | .8392  | .8425   | .8412  | .8368  | .8392  |
| 6-40NF,UNF             | .1218  | .1194 | .1201 | .1252   | .1243 | .1252 | .1243 | 15/16-20NEF,UNEF                              | .9050  | .9003  | .9017  | .9050   | .9036  | .8991  | .9016  |
| 8-32NC,UNC             | .1437  | .1410 | .1418 | .1475   | .1465 | .1475 | .1465 | 1"-8NC,UNC                                    | .9188  | .9112  | .9134  | .9188   | .9168  | .9100  | .9137  |
| 8-36NF,UNF             | .1460  | .1435 | .1442 | .1496   | .1487 | .1496 | .1487 | 1"-12N,UNF                                    | .9459  | .9403  | .9419  | .9459   | .9441  | .9382  | .9415  |
| 10-24NC,UNC            | .1629  | .1596 | .1605 | .1672   | .1661 | .1672 | .1661 | 1"-14NS,UNS                                   | .9536  | .9487  | .9500  | .9536   | .9519  | .9463  | .9494  |
| 10-32NF,UNF            | .1697  | .1670 | .1678 | .1736   | .1726 | .1736 | .1726 | 1"-20NEF,UNEF                                 | .9675  | .9627  | .9641  | .9675   | .9661  | .9616  | .9641  |
| 12-24NC,UNC            | .1889  | .1856 | .1865 | .1933   | .1922 | .1933 | .1922 | 11/16-12N,UN                                  | 1.0084 | 1.0028 | 1.0044 | 1.0084  | 1.0067 | 1.0010 | 1.0042 |
| 12-28NF,UNF            | .1928  | .1897 | .1906 | .1970   | .1959 | .1970 | .1959 | 11/16-18NEF,UNEF                              | 1.0264 | 1.0213 | 1.0228 | 1.0264  | 1.0250 | 1.0203 | 1.0228 |
| 12-32NEF,UNEF          | .1957  | .1926 | .1935 | .1998   | .1988 | .1998 | .1988 | 11/8-7NC,UNC                                  | 1.0322 | 1.0237 | 1.0263 | 1.0322  | 1.0300 | 1.0228 | 1.0268 |
| 1/4-20NC,UNC           | .2175  | .2139 | .2149 | .2224   | .2211 | .2224 | .2211 | 11/8-12NF,UNF                                 | 1.0709 | 1.0653 | 1.0669 | 1.0709  | 1.0691 | 1.0631 | 1.0664 |
| 1/4-28NF,UNF           | .2268  | .2237 | .2246 | .2311   | .2300 | .2311 | .2300 | 11/8-18NEF,UNEF                               | 1.0889 | 1.0837 | 1.0853 | 1.0889  | 1.0875 | 1.0828 | 1.0853 |
| 1/4-32NEF,UNEF         | .2297  | .2265 | .2275 | .2339   | .2328 | .2339 | .2328 | 13/16-12N,UN                                  | 1.1334 | 1.1278 | 1.1294 | 1.1334  | 1.1317 | 1.1259 | 1.1291 |
| 5/16-18NC,UNC          | .2764  | .2723 | .2734 | .2871   | .2903 | .2871 | .2903 | 13/16-18NEF,UNEF                              | 1.1514 | 1.1462 | 1.1478 | 1.1514  | 1.1499 | 1.1450 | 1.1478 |
| 5/16-24NF,UNF          | .2854  | .2821 | .2930 | .2902   | .2890 | .2902 | .2890 | 11/4-7NC,UNC                                  | 1.1572 | 1.1487 | 1.1513 | 1.1572  | 1.1550 | 1.1476 | 1.1517 |
| 5/16-32NEF,UNEF        | .2922  | .2889 | .2899 | .2964   | .2953 | .2964 | .2953 | 11/4-12NF,UNF                                 | 1.1959 | 1.1903 | 1.1919 | 1.1959  | 1.1941 | 1.1879 | 1.1913 |
| 3/8-16NC,UNC           | .3344  | .3299 | .3312 | .3401   | .3387 | .3401 | .3387 | 11/4-18NEF,UNEF                               | 1.2139 | 1.2086 | 1.2102 | 1.2139  | 1.2124 | 1.2075 | 1.2103 |
| 3/8-24NF,UNF           | .3479  | .3446 | .3455 | .3528   | .3516 | .3528 | .3516 | 15/16-12N,UN                                  | 1.2584 | 1.2528 | 1.2544 | 1.2584  | 1.2567 | 1.2509 | 1.2541 |
| 3/8-32NEF,UNEF         | .3547  | .3513 | .3523 | .3591   | .3580 | .3591 | .3580 | 15/16-18NEF,UNEF                              | 1.2764 | 1.2711 | 1.2727 | 1.2764  | 1.2749 | 1.2700 | 1.2728 |
| 7/16-14NC,UNC          | .3911  | .3862 | .3875 | .3972   | .3957 | .3972 | .3957 | 13/8-6NC,UNC                                  | 1.2667 | 1.2566 | 1.2596 | 1.2667  | 1.2643 | 1.2563 | 1.2607 |
| 7/16-20NF,UNF          | .4050  | .4014 | .4024 | .4101   | .4091 | .4101 | .4091 | 13/8-12NF,UNF                                 | 1.3209 | 1.3153 | 1.3169 | 1.3209  | 1.3190 | 1.3127 | 1.3162 |
| 7/16-28NEF,UNEF        | .4143  | .4107 | .4118 | .4189   | .4178 | .4189 | .4178 | 13/8-18NEF,UNEF                               | 1.3389 | 1.3335 | 1.3351 | 1.3389  | 1.3374 | 1.3325 | 1.3353 |
| 1/2-12N,UN             | .4459  | .4403 | .4419 | .4529   | .4511 | .4529 | .4511 | 17/16-12N,UN                                  | 1.3834 | 1.3778 | 1.3794 | 1.3834  | 1.3816 | 1.3757 | 1.3790 |
| 1/2-13NC,UNC           | .4500  | .4448 | .4463 | .4565   | .4548 | .4565 | .4548 | 17/16-18NEF,UNEF                              | 1.4014 | 1.3960 | 1.3976 | 1.4014  | 1.3999 | 1.3949 | 1.3977 |
| 1/2-20NF,UNF           | .4675  | .4639 | .4649 | .4731   | .4717 | .4731 | .4717 | 11/2-6NC,UNC                                  | 1.3917 | 1.3816 | 1.3846 | 1.3917  | 1.3893 | 1.3812 | 1.3856 |
| 1/2-28NEF,UNEF         | .4768  | .4731 | .4742 | .4816   | .4804 | .4816 | .4804 | 11/2-112NF,UNF                                | 1.4459 | 1.4403 | 1.4419 | 1.4459  | 1.4440 | 1.4376 | 1.4411 |
| 9/16-12NC,UNC          | .5084  | .5028 | .5044 | .5152   | .5135 | .5152 | .5135 | 11/2-18NEF,UNEF                               | 1.4639 | 1.4584 | 1.4601 | 1.4639  | 1.4624 | 1.4574 | 1.4602 |
| 9/16-18NF,UNF          | .5264  | .5223 | .5234 | .5323   | .5308 | .5323 | .5308 | 数据取自 Fed.Std. H-28-1957, Part1/ANSI B1.1-1997 |        |        |        |         |        |        |        |

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