

BESTOOL[®]

GAGE CATALOG

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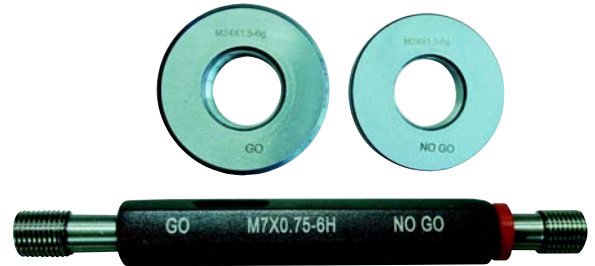
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Metric Thread Plug & Ring Gages

- Used for gauging internal & external thread.
- Conform to: ISO1502-1996, DIN13, DIN2285-89, GB3934-2003.
- 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.
- How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.

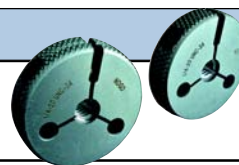
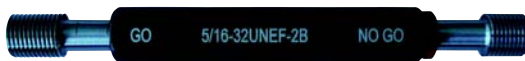


Size (mm)	Plug Gages Go & No Go 6H Order No.	Solid Ring Gages Go & No Go 6g Order No.
M1.4X0.30	1617-0001	1618-1001
M1.6X0.35	1617-0004	1618-1004
M1.8X0.35	1617-0008	1618-1008
M2.0x0.40	1617-0011	1618-1011
M2.0x0.25	1617-0012	1618-1012
M2.2x0.45	1617-0021	1618-1021
M2.2x0.25	1617-0022	1618-1022
M2.5x0.45	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 (mm)	Plug Gages Go & No Go 6H Order No.	Solid Ring Gages Go & No Go 6g 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

ANSI Standard Thread Plug & Ring Gages

- Used for gaging internal & external thread.
- Conform to: ASME/ANSI B1.2



Nominal Size		Plug Gage Set		Adjustable Ring Gage Set		Solid Ring Gage Set	
		Class 2B Order No.	Class 3B Order No.	Class 2A Order No.	Class 3A Order No.	Class 2A Order No.	Class 3A 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	UNC	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

Truncated Thread Setting Plug Gages

- Used for gaging adjustable thread ring gages.
- Conform to: ASME/ANSI B1.2

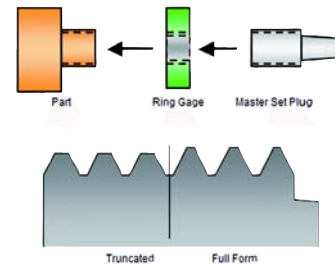
Nominal Size		Truncated Set Plug Gages	
		Class 2A Order No.	Class 3A Order No.
0-80	UNF	2623-2101	2623-3101
1-64	UNC	2623-2102	2623-3102
1-72	UNF	2623-2103	2623-3103
2-56	UNC	2623-2104	2623-3104
2-64	UNF	2623-2105	2623-3105
3-48	UNC	2623-2106	2623-3106
3-56	UNF	2623-2107	2623-3107
4-40	UNC	2623-2108	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:

- Used to set/calibrate thread ring gages.
- Set plug gages have a common pitch diameter the full length with the front portion of the major diameter truncated leaving the rear portion full form.
- ASME/ANSI B1.2
- High accuracy, Class X

Usage for truncated set plug gages:



- Thoroughly clean, inspect for damage and calibrate the truncated master thread setting plug gage.
- Thoroughly clean the thread ring gauge and inspect for damage.
- Turn the thread ring gauge onto the truncated master thread setting plug full form section with no more than one thread of the thread ring gauge beyond the last thread of the truncated master thread setting plug gage.
- Turning the adjusting screw counter clockwise and rotating the thread ring gauge on truncated master thread setting plug gage until there is a slight drag between them. Tighten the locking screw. The thread ring gauge should exhibit a larger degree of drag or snug fit to the truncated master thread setting plug gage. Generally smaller thread ring gauges and those set to truncated master thread setting plug gages which are near the low tolerance limit would require less drag than larger thread ring gauges or thread ring gauges set to truncated master thread setting plug gauges which are on the high limit.
- After adjusting the thread ring gauge and with truncated master thread setting plug gauge still inserted, the thread ring gauge should be tapped with a brass or plastic hammer to fully seat the thread ring gauge to the truncated master thread setting plug gage. The drag after doing this should feel the same as before. If not, the thread ring gauge was not properly seated. Repeat last step.
- Next step is to turn the thread ring gauge to the truncated portion at the front half of the truncated master thread setting plug gauge. There should be no shake or play. If there is, the thread ring gauge has lost its root relief or its flank angles are worn out of tolerance and the thread ring gauge should be reworked or replaced. Remove the thread ring gauge from the truncated master thread setting plug gauge.
- To test the thread ring gauge for taper or bell mouth, turn the thread ring gauge onto the truncated portion of the truncated master thread setting plug gage 1-1/2 to 2 turns.
- The minor diameter of the thread ring gauge can be measured with an internal measuring machine or Go and NOGO X tolerance plain plug gauges.
- It is strongly recommended that once the thread ring gauge has passed all the above, the locking screw and adjustment screw holes be filled with sealing wax to prevent any tampering.

British Thread Plug & Ring Gages

- Used for gaging British internal & external thread.
- Conform: BS84.2007.
- 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.
- How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.



BS thread: BSW

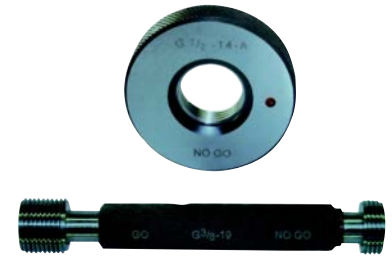
Plug Gages				Solid Ring Gages			
Nominal Size		Class 2 Order No.	Class 3 Order No.	Nominal Size		Class 2 Order No.	Class 3 Order No.
1/8-40	BSW	3623-2001	3623-3001	1/8-40	BSW	3624-2001	3624-3001
3/16-24	BSW	3623-2002	3623-3002	3/16-24	BSW	3624-2002	3624-3002
1/4-20	BSW	3623-2003	3623-3003	1/4-20	BSW	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

BS thread: BSF

Plug Gages				Solid Ring Gages			
Nominal Size		Class 2 Order No.	Class 3 Order No.	Nominal Size		Class 2 Order No.	Class 3 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

Gages for Straight Pipe Thread(G) ISO Class

- Used for gaging internal & external thread.
- Conform: DIN ISO228-2, BS EN ISO228-2:2003.
- Thread angle: 55°
- How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.



Plug Gages				Ring Gages				
Class 2				Class A			Class B	
Gage Code	T.P.I	Pitch(mm)	Order No.	Gage Code	T.P.I	Pitch(mm)	Order No.	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

Gages for Whitworth Pipe Thread(R) ISO Class

- Used for gaging internal & external taper pipe thread.
- Conform: ISO7/1, DIN2999, BS21/BS EN 10226.
- Thread Angle: 55°. Taper: 1:16.
- How to order: Qty, Type, Nominal size, TPI, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.



Plug Gages					Ring Gages				
Gage Code	T.P.I	Pitch(mm)	Taper	Class 2 Order No.	Gage Code	T.P.I	Pitch(mm)	Taper	Class A 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

ANSI Taper Pipe Thread Gages

- Used for gaging internal & external taper pipe thread.
- Conform: FED-STD-H28/7, ASME B1.20.1-1983, ASME B1.20.5-1991.
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.



NPT Thread Gages

L-1 Plug Gages			L-1 Ring Gages		
Gage Code	Pitch(mm)	Order No.	Gage Code	Pitch(mm)	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 thread gages

		L-1 L-1 Plug Gages	L-3 L-3 Plug Gages	6 Step Plain Taper Gages	L-1 Ring Gages	L-2 Ring Gages	6 Step Plain Taper Gages
Gage Code	Pitch(mm)	Basic Step Order No.	Basic Step Order No.	Pluq 6 Step Order No.	Basic Step Order No.	Basic Step Order No.	Rinq 6 Step 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

ANSI Taper Pipe Thread Gauges

- Used for gaging internal & external taper pipe thread.
- Conform: Fed-std-H28/7, ASME B1.20.1-1983, B1.20.5-1991.
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.



Plug Gages



Ring Gages

ANPT Taper Pipe Thread Working Gages

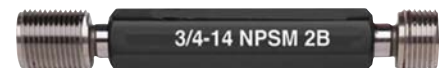
Gage Code	L-1 L-1 Plug Gages Basic Step Order No.	L-3 L-3 Plug Gages Basic Step Order No.	6 Step Plain Taper Gages Plug 6 Step Order No.	L-1 Ring Gages Basic Step Order No.	L-2 Ring Gages Basic Step Order No.	6 Step Plain Taper Gages Ring 6 Step Order No.
1/16-27 ANPT	2623-2801	2623-2821	2623-2841	2624-3801	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

ANSI Straight Pipe Thread Gages

- Used for gaging ANSI internal & external straight pipe thread.
- Conform: Fed-std-H28/7, ASME B1.20.5-1991.
- Please contact us if you need NPSC, NPSH&NH, NPSH&NPSI
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.



Ring Gages



Plug Gages



Set Plug Gages

NPSM Working Gages

NPSM Setting Plug Gages

Normal Size	2B Plug Gages Order No.	2A Ring Gages Order No.	Normal Size	2A Setting Plug Gages Order No.
1/8-27	2623-2861	2624-3861	1/8-27	2623-2881
1/4-18	2623-2862	2624-3862	1/4-18	2623-2882
3/8-18	2623-2863	2624-3863	3/8-18	2623-2883
1/2-14	2623-2864	2624-3864	1/2-14	2623-2884
3/4-14	2623-2865	2624-3865	3/4-14	2623-2885
1-11 1/2	2623-2866	2624-3866	1-11 1/2	2623-2886
1 1/4-11 1/2	2623-2867	2624-3867	1 1/4-11 1/2	2623-2887
1 1/2-11 1/2	2623-2868	2624-3868	1 1/2-11 1/2	2623-2888
2-11 1/2	2623-2869	2624-3869	2-11 1/2	2623-2889
2 1/2-8	2623-2870	2624-2830	2 1/2-8	2623-2890
3-8	2623-2871	2624-2831	3-8	2623-2891

Metric Trapezoidal Thread Gages

- Used for gaging metric trapezoidal internal & external taper pipe thread.
- Conform to: ISO2901-2904, DIN103, GB/T 8124.
- Plug gage accuracy: 7H, 8H, 9H; Ring gage accuracy: 7h, 7e, 8c, 9c.
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.

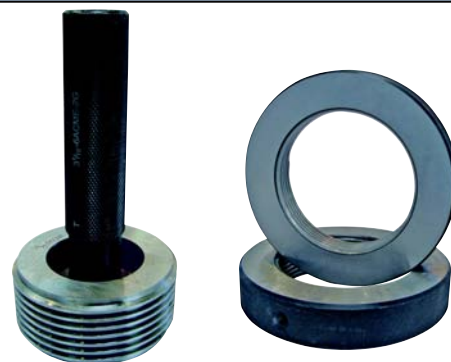

Plug Gages

Ring Gages

Gage Code	7H Plug Gages, 7H Order No.	7e Ring Gages, 7e Order No.	Gage Code	7H Plug Gages, 7H Order No.	7e Ring Gages, 7e 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

ACME Thread Gages

- Used for gaging ACME internal & external taper pipe thread.
- Conform to: ASME B1.5-1997 for ACME, ASME B1.8-1988 for STUB ACME
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.



ACME Plug Gages			ACME Ring Gages		
Gage Code	TPI	Order No.	Gage Code	TPI	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

ANSI Butress Thread Gages

- Used for gaging ANSI Butress internal & external threads.
- Conform: Fed-std-H28/14, ANSI B1.9.
- BUTT, PUSH-BUTT, Accuracy:1, 2, 3
External thread: A, Internal thread:B
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.
Sample: Ring 1-12 BUTT-2A, Plug 1-12 BUTT -2B



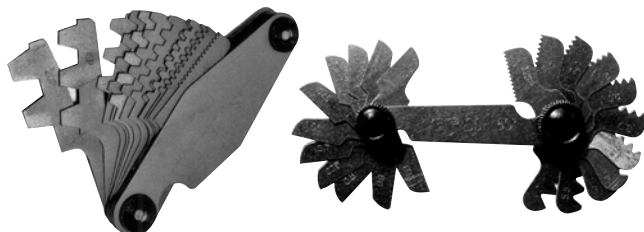
BUTT Plug, Grade 2			BUTT Ring, Grade 2		
Size	TPI	Order No.	Size	TPI	Order No.
1/2	20	2623-3001	1/2	20	2624-4001
1/2	16	2623-3002	1/2	16	2624-4002
1/2	12	2623-3003	1/2	12	2624-4003
9/16	20	2623-3004	9/16	20	2624-4004
9/16	16	2623-3005	9/16	16	2624-4005
9/16	12	2623-3006	9/16	12	2624-4006
5/8	20	2623-3007	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

Screw Pitch Gages

- For use when quick identification of screw pitchosis 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

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 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; 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8 Angle: 55° & 60°	1615-6126
Threads: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 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 Angle: 45°, 53.8°, 55°, 60°, 70°, 55°, 60°	1615-6128

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, 2, 2-1/2, 3, 4, 5, 6, 7, 8, 9, 10	Stainless Steel	1615-6121
	Carbon Steel	1615-6123

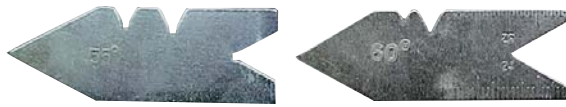
30° Acme Screw Thread Gage

- 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

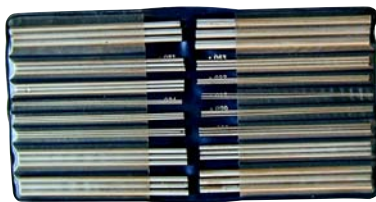
Center Gages



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

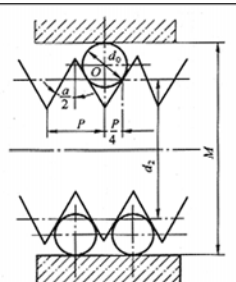
3-Wire Thread Measuring Sets

- 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

Usage of wire measuring sets:



A very common way to measure the pitch diameter of 60° V screw threads is with the 3 wire thread measuring method. In this thread measuring method a measurement is taken across 3 predefined pins or “wires” placed in the thread v usually with a micrometer or to a less accurate degree with calipers. Once the measurement is taken an accurate pitch diameter can be determined by subtracting a “constant” from the measured dimension to obtain the actual thread pitch diameter.

Formula: $d_2 = M - 3d + 0.86603P$

Screw Thread Micrometers

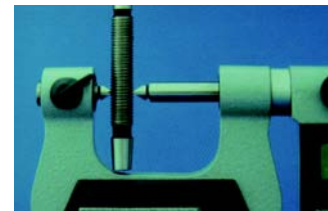
- 60° or 55°
- 60° or 55° V-Anvil and knife edged anvils are optional.
- Ratchet stop.
- Laser engraved graduations.
- Painted frame.



.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

Digital Screw Thread Micrometers

- 60° or 55°
- 60° or 55° V-Anvil and knife edged anvils are optional.
- Ratchet stop.
- 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° Optional V Anvils

60°	60° Anvils	55° Anvils	
60° Pitch	Order No.	Pitch	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

API Spec 5B Working Thread Gages

- Used for gaging API internal & external threads.
- Conform: API Spec 5B.
- API certified
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.


Spec 5B Casing Round Thread Gages

Gage Code	TPI	Taper	Type	CSG Gages Order No.	Type	LCSG Gages 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 LP-Line Pipe Thread Gages,
Thread Angle 60°**

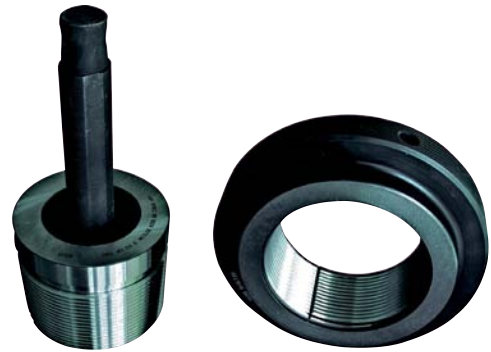
Gage Code	TPI	Taper	LP Gages Order No.
1/8 LP	27	1:16	2620-0201
1/4 LP	18	1:16	2620-0202
3/8 LP	18	1:16	2620-0203
1/2 LP	14	1:16	2620-0204
3/4 LP	14	1:16	2620-0205
1 LP	11 1/2	1:16	2620-0206
1 1/4 LP	11 1/2	1:16	2620-0207
1 1/2 LP	11 1/2	1:16	2620-0208
2 LP	11 1/2	1:16	2620-0209
2 1/2 LP	8	1:16	2620-0210
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 BCSG-Butress Casing Thread Gages,
Thread Angle 3,10°**

Gage Code	TPI	Taper	BCSG Gages 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

API Spec 5B Workig Thread Gages

- Used for gaging API internal & external threads.
- Conform: API Spec 5B.
- API certified
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.

Spec 5B TBG/NUE-Non-Upset Tubing Thread Gages
Thread Angle 60°

Gage Code	TPI	Taper	TBG Gages 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 UPTBG/EUE-External-Upset Tubing Thread Gages
Thread Angle 60°

Gage Code	TPI	Taper	UPTBG Gages 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

API Spec 7-2 Workig Thread Gages

- Used for gaging API internal & external threads.
- Conform: API Spec 7-2.
- How to order: Qty, Nominal size, TPI, Class, Marking and so on.
Also special thread gages on application.

Spec 7-2 REG-Regular Style Gages
Thread Angle 60°

Gage Code	TPI	Taper	REG Gages 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

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

Gage Code	TPI	Taper	FH Gages 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

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

Gage Code	TPI	Taper	IF Gages 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

API Spec 7-2 Working Thread Gages



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

Gage Code	TPI	Taper	NC Gages 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, 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 Hughes-H90, Thread Angle 60°

Gage Code	TPI	TPF	H90 Gages 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 PAC, Thread Angle 60°

Gage Code	TPI	TPF	PAC Gages 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 XTRA HOLE(X.H.), Thread Angle 60°

Gage Code	TPI	TPF	XH Gages Order No.
2 7/8	4	2	2620-0441
3 1/2	4	2	2620-0442

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

Gage Code	TPI	TPF	MT Gages 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 Wilson Flush Joint(WFJ), Thread Angle 60°

Gage Code	TPI	TPF	WFJ Gages Order No.
1 13/16	7	2	2620-0461
2 3/8	6	2	2620-0462



eXtreme Torque(XT), Thread Angle 60°

Gage Code	TPI	TPF	XT Gages Order No.
XT38	3.5	0.75	2620-0838
XT39	3.5	0.75	2620-0839
XT40	3.5	0.75	2620-0840
XT43	3.5	0.75	2620-0843
XT46	3.5	0.75	2620-0846
XT50	3.5	0.75	2620-0850
XT54	3.5	0.75	2620-0854
XT55	3.5	0.75	2620-0855
XT57	3.5	0.75	2620-0857
XT69	3.5	0.75	2620-0869

BECO, Thread Angle 60°

Gage Code	TPI	TPF	BECO Gages Order No.
3	2	3	2620-0801
3 1/2	2	3	2620-0802
4	2	3	2620-0803
4 1/2	2	3	2620-0804
5 1/4	2	3	2620-0805
6	2	3	2620-0806
7	2	3	2620-0807
8	2	3	2620-0808
10	2	3	2620-0809

DI-22

Gage Code	TPI	TPF	DI-22 Gages Order No.
4-3/4	2	1 1/2	2620-0821
5 1/4	2	1 1/2	2620-0822
5 3/4	2	1 1/2	2620-0823
6 3/4	2	1 1/2	2620-0824
8 1/4	2	1 1/2	2620-0825
9 1/4	2	1 1/2	2620-0826
9 3/4	2	1 1/2	2620-0827
10 1/2	1-5/8	1 1/2	2620-0828

CET, Thread Angle 90°

Gage Code	TPI	TPF	CET Gages Order No.
CET20	3	1 1/4	2620-1420
CET21	3	1 1/4	2620-1421
CET22	3	1 1/4	2620-1422
CET23	3	1 1/4	2620-1423
CET24	3	1 1/4	2620-1424
CET26	3	1 1/4	2620-1426
CET31	4	2	2620-1431
CET38	4	2	2620-1438
CET39	4	2	2620-1439
CET40	4	2	2620-1440
CET43	4	2	2620-1443
CET50	4	2	2620-1450
CET54	4	2	2620-1454
CET55	4	2	2620-1455
CET57	4	2	2620-1457
CET65	4	2	2620-1465
CET69	4	2	2620-1469

American Open Hole(A.O.H.)

Gage Code	TPI	TPF	AOH Gages Order No.
2 3/8	4	1 1/2	2620-0481
2 7/8	4	1 1/2	2620-0482
3 1/2	4	1 1/2	2620-0483
4	4	1 1/2	2620-0484
4 1/2	4	1 1/2	2620-0485

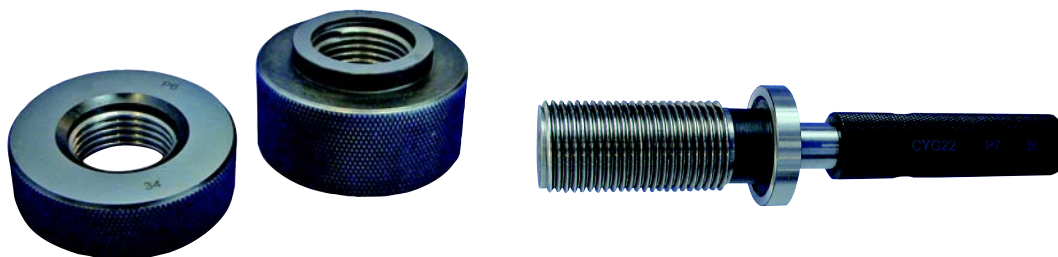
Hughes External Flush(H.E.F.)

Gage Code	TPI	TPF	HEF Gages Order No.
2 3/8	6	2	2620-0471
2 7/8	6	2	2620-0472
3 1/2	4	2	2620-0473
4 1/2	4	2	2620-0474

Mayhew

Gage Code	TPI	TPF	Mayhew Gages Order No.
2 3/8 Mayhew JR	4	2	2620-0491
2 3/8 Mayhew REG	4	1 1/2	2620-0492
2 7/8 Mayhew FH	4	1 1/2	2620-0493



API Spec 11B Sucker & Polished Rod Gages

API Spec 11B Working Sucker & Polished Rod Gages

Description	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
Order No.	Order No.	Order No.	Order No.	Order No.	Order No.	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 Master Sucker & Polished Rod Gages

Description	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
Order No.	Order No.	Order No.	Order No.	Order No.	Order No.	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



Pipe Thread Measuring Instruments

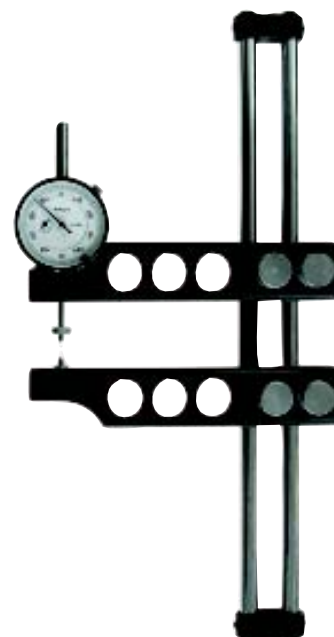
These measuring instruments are high accuracy and total more than 20 items mainly apply in casing, tubing and so on. Please check the instruments from following items, we will pack these instruments as right package, which will have good protection for these instruments.

Right set picture is only a sample for one combo set for pipe thread measuring gages, if you have any requirement for relative gages, we will send you the detail as soon as we get your inquiry.



Taper Measuring Instruments for External Thread

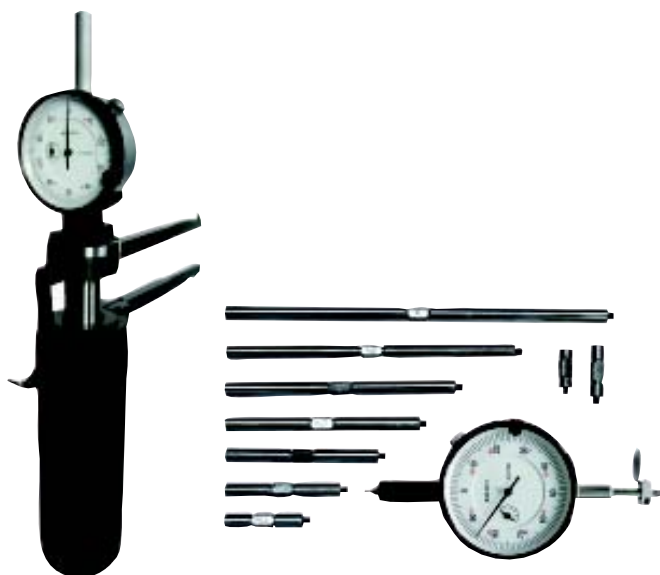
- Conform: API 5B or API 7-2
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range	Type	Order No.
Size≤10in/254mm Indicator: 0-0.5in Grad: 0.001in	JZW1	2620-1001
8-16in (203.2-406.4mm) Indicator: 0-0.5in Grad: 0.001in	JZW2	2620-1002

Taper Measuring Instruments for Internal Thread

- Conform: API 5B or API 7-2
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range	Type	Order No.
1-6in(25.4-152.4mm) Indicator:0-1in Grad: 0.001in	JZN06	2620-1011
5-1/2-16in(139.7-406.4mm) Indicator:0-0.5in Grad: 0.001in	JZN16	2620-1012

Thread Pitch Measuring Instruments/Lead Gages

- Conform: API 5B or API 7-2
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.

External Thread Pitch Gages - Used for all external thread

Range	Type	Order No.
0.5-4in(12.7-101.6mm) Grad: 0.01mm	WRW	2620-1031



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

Range	Type	Order No.
0.5-4in(12.7-101.6mm) Grad: 0.01mm	WRN	2620-1032



Thread Height Measuring Instruments

- Conform: API 5B or API 7-2
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.

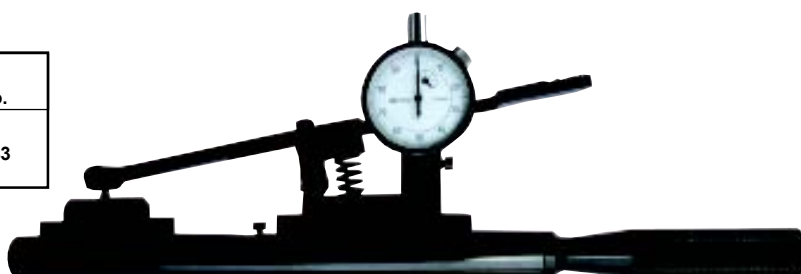
Thread Height Gage - Used for all external Thread and internal thread size smaller than 5 1/2"

Range	Resolution	Type	Order No.
0-4mm	0.01mm	WGW	2620-1041



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

Range	Resolution	Type	Order No.
0-4mm	0.01mm	WGN	2620-1043



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

Range	Resolution	Type	Order No.
0-4mm	0.01mm	WGW2	2620-1042



Buttress Casing Thread Vanishing Point Gauge

- 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.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range	Resolution	Type	Order No.
0-4mm	0.01mm	XSG	2620-1051

Coaxial Meter

- Measuring the coaxial variation between the central axis of the connecting of casing tubes and oil pipes.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range	Resolution	Type	Order No.
+/-2mm	0.01mm	JTG	2620-1052

Drill Pipe Coaxiality Measuring Gage

- Measuring the coaxial variation of the connecting drill pipes.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range	Resolution	Type	Order No.
0-10mm	0.01mm	XX	2620-1053

Scriber on the Measuring Threads

- Used for marking on pipe thread
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.

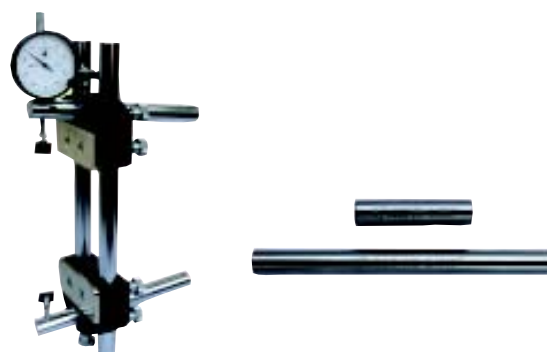


Range	Type	Order No.
0-4inch	HXY	2620-1054

Pitch Diameter Gauge for External Thread

- Measuring the pitch diameter of external thread.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gauges on application.

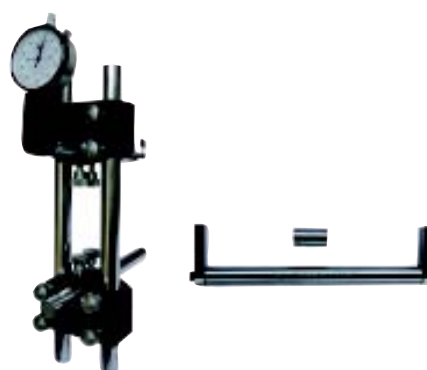
Range	Type	Order No.
< 5-1/2"	ZJY5-W	2620-1061
2 3/8-20"	ZJY20-W	2620-1062



Pitch Diameter Gauge for Internal Thread

- Measuring the pitch diameter of internal thread.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gauges on application.

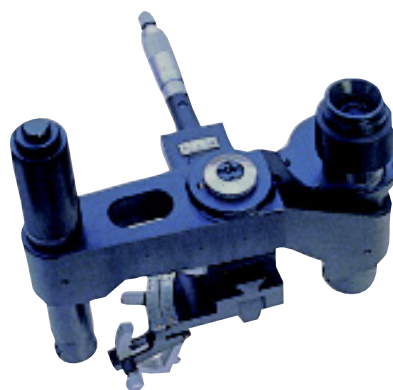
Range	Type	Order No.
< 5-1/2"	ZJY5-N	2620-1063
2 3/8-20"	ZJY20-N	2620-1064



Screw Thread Profile Microscope

- Measuring the half of thread angle.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gauges on application.

Range	Type	Order No.
Magnifying Power 25.6X	CKY	2620-1070



Pit Depth Gauge

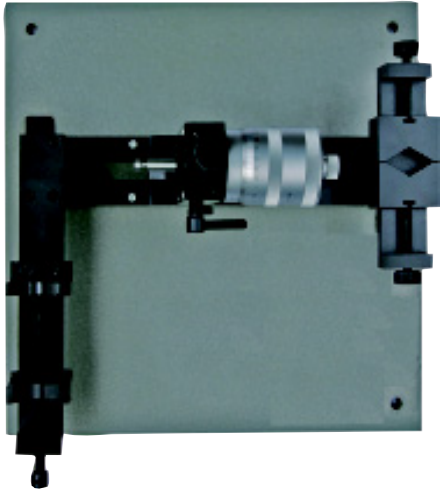
- Measuring the depth of concave and crackle of casing and oil pipes.
- How to order: Qty, Type, Marking and so on.
Also special gauges on application.

Range	Resolution	Type	Order No.
0-3mm	0.01mm	ATY	2620-1073



Calibrator

- Measuring the single parameter of pipe thread.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range	Type	Order No.
Micro head 0-25x0.002mm	JYY-1	2620-1071

Lead Gage Setting Standards

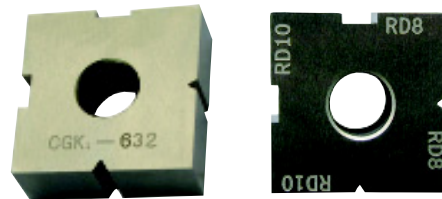
- Setting the measuring gauges before measuring the screw pitch.
- How to order: Qty, Type, Marking and so on.
Also special gages on application.



Specification	Type	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

Thread Height Setting Standards

- Setting the measuring gauges before measuring the thread height.
- How to order: Qty, Type, and so on. Also special gages on application.



Specification	Type	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

Thread Profile Gages


Specification	Order No.
3/4TPF, 8TPI, Round casing, tubing & drill pipe	2620-1301
3/4TPE, 10TPI, Round casing	2620-1302
3/4TPF, 5TPI, API buttress casing, internal	2620-1303
3/4TPF, 5TPI, API buttress casing, external	2620-1304
1TPF, 5TPI, API buttress casing, internal	2620-1305
1TPF, 5TPI, API buttress casing, External	2620-1306
2TPF, 4TPI, V-038R	2620-1307
3TPF, 4TPI, V-038R	2620-1308
3TPF, 5TPI, V-040	2620-1309
2TPF, 4TPI, V-050	2620-1310
3TPF, 4TPI, V-050	2620-1311
2TPF, 3.5TPI, 90-V-050	2620-1312
3TPF, 3.5TPI, 90-V-050	2620-1313
1.5TPF, 6TPI, V-055	2620-1314
2TPF, 4TPI, V-065	2620-1315
1.5TPF, 4TPI, V-076	2620-1316
1.25TPF, 3TPI, 90-V-084	2620-1317

Measuring Points for Gages

- Choosing suitable measuring point according to measured thread specification.
- How to order: Qty, Type, and so on. Also special gages on application.

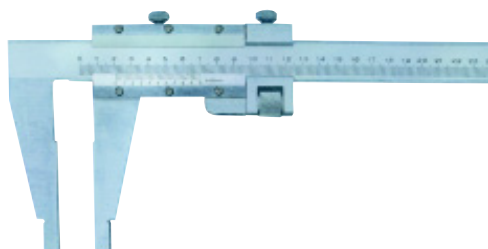


Diameter	Type	Order No.
1.448mm	CLT1	2620-1101
1.575mm	CLT2	2620-1102
1.829mm	CLT3	2620-1103
2.286mm	CLT4	2620-1104
3.658mm	CLT5	2620-1105

Heavy Duty Vernier Calipers

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.



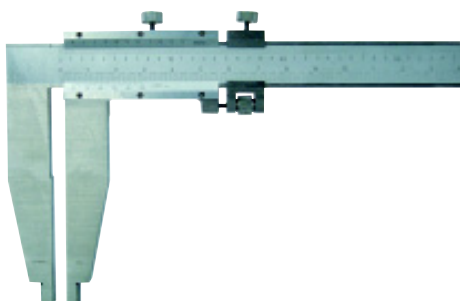
Range	Jaw Length	Vernier Scale		Carbon Steel	Stainless Steel
		Lower	Upper	Order No.	Order No.
0-12"	3"	.02mm	.001"	2611-5812	2611-5712
0-18"	4"	.02mm	.001"	2611-5818	2611-5718
0-20"	4"	.02mm	.001"	2611-5820	2611-5720
0-24"	4"	.02mm	.001"	2611-5824	2611-5724
0-40"	5"	.02mm	.001"	2611-5840	2611-5740
0-60"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

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

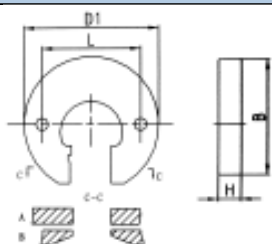
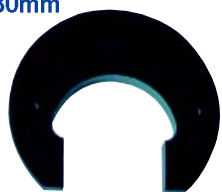
Heavy Duty Digital Calipers

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.

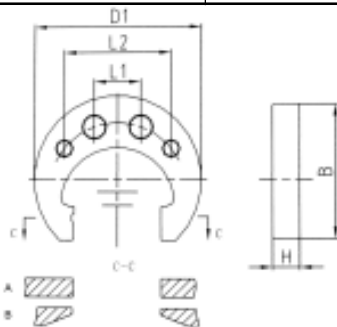


	150mm	200mm	250mm	300mm
	Jaw Length	Jaw Length	Jaw Length	Jaw Length
Range	Order No.	Order No.	Order No.	Order No.
500mm/20"	1100-5051	1100-5052	1100-5053	1100-5054
600mm/24"	1100-5061	1100-5062	1100-5064	1100-5063
1000mm/40"	1100-5100	1100-5101	1100-5103	1100-5102
1500mm/60"	1100-5150	1100-5151	1100-5153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

Fixed Snap Gages
1-80mm


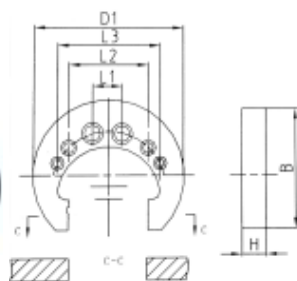
When order, Order No. as 1619A-Size-Accuracy

Size D	OD D1	Hole L	Thick H	Height	Accuracy Grade
1-3mm	32	20	3	31	c, d, e, f, g, h, j, js, k, m, n, p, r, s, u, x, 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


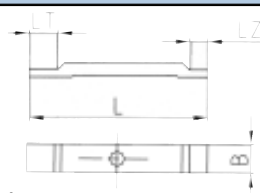
When order, Order No. as 1619A-Size-Accuracy

Size D	OD D1	Hole L1&L2	Thick H	Height	Accuracy Grade
80-90mm	150	42 & 96	10	129	c, d, e, f, g, h, j, js, k, m, n, p, s, u, x, z
90-100mm	168	45 & 108	10	139.5	
100-120mm	186	50 & 120	10	153	

120-250mm


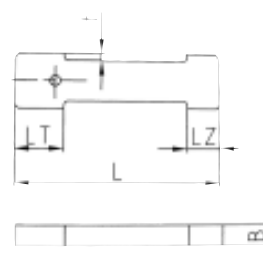
When order, Order No. as 1619A-Size-Accuracy

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, h, j, js, k, m, n, 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	

Double End Flat Gages
<=3mm


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

Size D	OAL L	Go Length	N/G Length	Thick
<=3mm	50	10	8	8

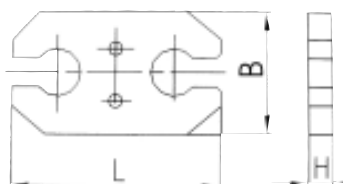
3-50mm


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

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

Single End Gages


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

Double End Gages


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

Adjustable Snap Gages

- Used for gaging limit sizes for parts.
- Conform: ISO 7606-1982.
- Gage body is casting steel, anvil is made of tool steel.
- Variety and Inventory reduction, cost reduction.
- How to order: Qty, Nominal size, Class, Marking and so on.
Also special gages on application.



Range(mm)	Frame No	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

Remarks:

- Inch size adjustable snap gages available upon request, please send us the sizes, anvil styles and material and so on.
- Anvil are hardened, ground & lapped tool steel, carbide anvils and sizes are available. Body of gage is casting part.
- We can supply metric or inch size gages, detail as below:
Metric sizes as above table.
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

Limit Plug & Ring Gages

- Used for gaging internal hole & external rods.
- Conform: GB1957-81, DIN7162.
- 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.
- How to order: Qty, Type, Nominal size, Go or No Go, Class, Handle, Marking and so on. Also special thread gages on application.
- Material: Bearing Steel or Carbide Gages



- How to order:

Please send your inquiry to you and let us know: the material, size and accuracy you want, then we will send you offer soon.

Order No. Bearing Steel Gages, Plug or Ring, size & accuracy
Carbide Steel Gages, Plug or Ring, size & accuracy

Spline Plug & Ring Gages



- We can provides a full range of Spline Ring and Plug gages to meet your quality specifications.
- From design to final inspection our design and manufacturing team will work with your team to meet and exceed your expectations.
- We use only quality steel in our manufacturing process. Our unique heat-treating and stabilizing process insures 100 percent stability.
- Go and NOGO spline gages are available in Involute, straight-sided, angular sided, parallel sided and helical.
- Our experienced team of design and technical engineers will assist your engineers in all phases of your spline gage design and any other special requirements you may have.
- How to order:
Please send us the working part detail and our engineer team will design the spline gage for your confirming, we will produce it after you confirm.

Pin Gage Sets

Inch Pin Gage 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	Gage Set 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



Metric Pin Gage Sets

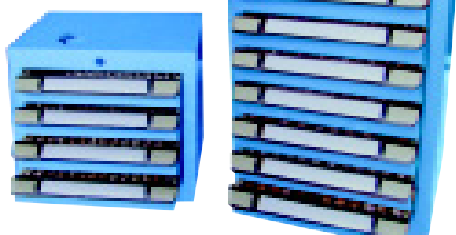
- HRC60-62/Heat treated to a hardness of 60/62 HRC.
- 50mm overall length with sharp corners broken.
- Sets include fitted wooden case.

No. of Piece	Range(mm)	Step (mm)	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

Steel Pin Gage Sets

Class "ZZ", +/- .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

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: +/-1µm Round:0.8µm	Tol: +/-2µm Round:1.0µm
			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

Pin Gage Handles

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.



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

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

Inch Gage Block Sets

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	+/-6	+/-12	+/-24	
Thru .400	+/-5	+/-8	+/-18	
Thru 1"	+/-6	+/-12	+/-24	+/-50
Thru .2"	+/-8	+/-16	+/-32	
Thru .3"	+/-10	+/-20	+/-40	
Thru .4"	+/-12	+/-24	+/-48	

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 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



Inch Gage Block Sets

81 Piece Rectangular Blue 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 Order No.	Solid Carbide Order No.
0	2630-4110	2125-0812
AS-1	2630-4113	2125-0813
AS-2	2630-4114	2125-0814
Economy	2630-4115	2125-0815



Inch Ceramic 36&81Pcs Gage Block Sets

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



Special Steel Gage Block Sets

Metric Micrometer Checking Sets ISO3650



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

Caliper Inspection Set ISO3650

Sets Included:

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

Order No. 1630-0000



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" 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" 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" 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" 2 Optical Flat: 1"Dia. x.5000" & .5125" Thickness.	2100-9160



Large Size Steel Gage Block Sets

Inch

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



Metric Gage Block Sets

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



Piece/Set	Nominal Sizes (mm)	Steps(mm)	Blocks	Grade	Steel Order No.	Solid Carbide Order No.	陶瓷 /Ceramic 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				

Gage Block Accessories

Gage Block Accessory Sets



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



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

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



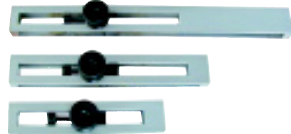
Metric Size:

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

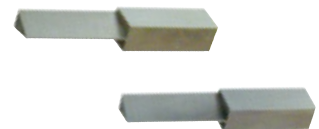
Inch Flat Jaw



Total Length: 0.354x.75x6"

Order No. 2631-3123

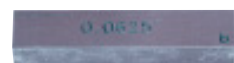
Knife Edge Jaws



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

Metric External Thread Pitch Diameter Chart

Thread Gages

API Thread Gages

Gages & Accessories

Normal Size								Normal Size							
	CL2.3								CL2.3						
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	.1014	.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	Fed.Std. H-28-1957, Part1/ANSI B1.1-1997							

Normal Size	Go Basic					Normal Size	Go Basic				
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	.1992	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	Fed.Std. H-28-1957, Part1/ANSI B1.1-1997					

BESTOOL®



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技术公众号