



High Precision Thread Limit Gages

Vol 4

THREAD GAGES

Class 2B • Class 6H



High Precision Thread Limit Gages

- Certified Accuracy
- Maximum Wear Resistance
- Available in Inch and Metric Sizes
- Standard Sized Short Form stocked
- Long Form Available Upon Request



List 15001

HSS BR

Go/NoGo, Class 2B



Gage Size	Class of Fit	Gage Length (Inch)		Pitch Diameter (Inch)		EDP Number
		Go	NoGo	Go	NoGo	Short Form*
2 - 56 UNC	2B	1/4	3/16	0.0744	0.0772	1500100100
2 - 64 UNF				0.0759	0.0786	1500100200
3 - 48 UNC				0.0855	0.0885	1500100300
3 - 56 UNF				0.0874	0.0902	1500100400
4 - 40 UNC		5/16	7/32	0.0958	0.0991	1500100500
4 - 48 UNF				0.0985	0.1016	1500100600
5 - 40 UNC				0.1088	0.1121	1500100700
5 - 44 UNF				0.1102	0.1134	1500100800
6 - 32 UNC		13/32	9/32	0.1177	0.1214	1500100900
6 - 40 UNF				0.1218	0.1252	1500101000
8 - 32 UNC				0.1437	0.1475	1500101100
8 - 36 UNF				0.1460	0.1496	1500101200
10 - 24 UNC		1/2	5/16	0.1629	0.1672	1500101300
10 - 32 UNF				0.1697	0.1736	1500101400
12 - 24 UNC				0.1889	0.1933	1500101500
12 - 28 UNF				0.1928	0.1970	1500101600
1/4 - 20 UNC		3/4	3/8	0.2175	0.2224	1500101700
1/4 - 28 UNF				0.2268	0.2311	1500101800
5/16 - 18 UNC				0.2764	0.2817	1500101900
5/16 - 24 UNF				0.2854	0.2902	1500102000
3/8 - 16 UNC		7/8	1/2	0.3344	0.3401	1500102100
3/8 - 24 UNF				0.3479	0.3528	1500102200
7/16 - 14 UNC				0.3911	0.3972	1500102300
7/16 - 20 UNF				0.4050	0.4104	1500102400
1/2 - 13 UNC		1	5/8	0.4500	0.4565	1500102500
1/2 - 20 UNF				0.4675	0.4731	1500102600
9/16 - 12 UNC				0.5084	0.5152	1500102700
9/16 - 18 UNF				0.5264	0.5323	1500102800
5/8 - 11 UNC		3/4	3/4	0.5660	0.5732	1500102900
5/8 - 18 UNF				0.5889	0.5949	1500103000
3/4 - 10 UNC				0.6850	0.6927	1500103100
3/4 - 16 UNF				0.7094	0.7159	1500103200
7/8 - 9 UNC		1	5/8	0.8028	0.8110	1500103300
7/8 - 14 UNF				0.8286	0.8356	1500103400
1 - 8 UNC				0.9188	0.9276	1500103500
1 - 12 UNF				0.9459	0.9535	1500103600
1 - 14 UNS		1 1/4	3/4	0.9536	0.9609	1500103700
1,1/8 - 7 UNC				1.0322	1.0416	1500103800
1,1/8 - 12 UNF				1.0709	1.0787	1500103900
1,1/4 - 7 UNC				1.1572	1.1668	1500104000
1,1/4 - 12 UNF		1	1.1959	1.2039	1500104100	
1,3/8 - 6 UNC		1 1/4	1.2667	1.2771	1500104200	
1,3/8 - 12 UNF		1	1.3209	1.3291	1500104300	
1,1/2 - 6 UNC		1 1/4	1.3917	1.4022	1500104400	
1,1/2 - 12 UNF	1	1.4459	1.4542	1500104500		

Packed: 1 pc.
Available Bright finish only.



OSG Inch Thread Plug Gages are manufactured to Class X tolerances per ANSI B1.2 (Unified Inch Screw Threads).
OSG Thread Gages are made from High Speed Steel (HSS) to 64 HRC.
Short Form Certificates of Conformance are available with gages for no charge.

*Long Form Certificates available upon request.



HSS

BR

List 15002

Go/NoGo, Class 6H



Gage Size	Class of Fit	Gage Length (mm)		Pitch Diameter (mm)		EDP Number
		Go	NoGo	Go	NoGo	Short Form*
M3 x 0.5	6H	7.9	5.6	2.675	2.775	1500200100
M3.5 x 0.6				3.110	3.222	1500200200
M4 x 0.7		10.3	7.1	3.545	3.663	1500200300
M5 x 0.8				4.480	4.605	1500200400
M6 x 0.75		12.7	7.9	5.513	5.645	1500200500
M6 x 1.0				5.350	5.500	1500200600
M7 x 1.0				6.350	6.500	1500200700
M8 x 1.0				7.350	7.500	1500200800
M8 x 1.25				7.188	7.348	1500200900
M10 x 1.0				19.0	9.5	9.350
M10 x 1.25		9.188	9.348			1500201100
M10 x 1.5		9.026	9.206			1500201200
M12 x 1.25		11.188	11.368			1500201300
M12 x 1.5		11.026	11.216			1500201400
M12 x 1.75		10.863	11.063			1500201500
M14 x 1.5		22.2	12.7	13.026	13.216	1500201600
M14 x 2.0				12.701	12.913	1500201700
M16 x 1.5				15.026	15.216	1500201800
M16 x 2.0				14.701	14.913	1500201900
M18 x 1.5				17.026	17.216	1500202000
M18 x 2.5				16.376	16.600	1500202100
M20 x 1.5		25.4	15.9	19.026	19.216	1500202200
M20 x 2.5				18.376	18.600	1500202300
M22 x 1.5				21.026	21.216	1500202400
M22 x 2.5				20.376	20.600	1500202500
M24 x 1.5				23.026	23.226	1500202600
M24 x 2.0				22.701	22.925	1500202700
M24 x 3.0				22.051	22.316	1500202800

Packed: 1 pc.
Available Bright finish only.

EXT

OSG Metric Thread Plug Gages are manufactured to Class X tolerances per ANSI B1.16M (Metric M Series Screw Threads).
OSG Thread Gages are made from High Speed Steel (HSS) to 62/64 HRC.
Short Form Certificates of Conformance are available with gages for no charge.

*Long Form Certificates available upon request.

SHORT FORM CERT.

When ordering OSG's standard GO/NO GO gage set with **short form certificate**.

- Use short form EDP No.
- Available from stock
- No additional charge

LONG FORM CERT.

When ordering OSG's standard GO/NO GO gage set with **long form certificate**.

- Available Upon Request
- Call for Estimated Delivery
- \$25 charge for long form certification

SPECIALS

Need something special? Contact OSG to see how we can help you.

- Call for a quote & availability
- Sizes up to 150 mm or 5.9055 inches



shaping your dreams

 **Safe use of cutting tools**

- Use safety cover, safety glasses and safety shoes during operation.
- Do not touch cutting edges with bare hands.
- Do not touch cutting chips with bare hands. Chips will be hot after cutting.
- Stop cutting when the tool becomes dull.
- Stop cutting operation immediately if you hear any abnormal cutting sounds.
- Do not modify tools.
- Please use appropriate tools for the operation. Check dimensions to ensure proper selection.

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