



High Precision Thread Limit Gages

Vol 5

# 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



# Thread Gages

High Precision Thread Limit Gages

## List 15001

OSG THREAD GAGE-CLASS 2B, Go/NoGo

THREAD GAGES	HSS	BR	PACKED 1 PIECE
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EDP		Gage Size	Class of Fit	Gage Length		Pitch Diameter	
				Go (Inch)	No-Go (Inch)	Go (Inch)	No-Go (Inch)
1500100100	●	No. 2 - 56 UNC	2B	0.250	0.188	0.074	0.077
1500100200	●	No. 2 - 64 UNF	2B	0.250	0.188	0.076	0.079
1500100300	●	No. 3 - 48 UNC	2B	0.250	0.188	0.086	0.089
1500100400	●	No. 3 - 56 UNF	2B	0.250	0.188	0.087	0.090
1500100500	●	No. 4 - 40 UNC	2B	0.313	0.219	0.096	0.099
1500100600	●	No. 4 - 48 UNF	2B	0.313	0.219	0.099	0.102
1500100700	●	No. 5 - 40 UNC	2B	0.313	0.219	0.109	0.112
1500100800	●	No. 5 - 44 UNF	2B	0.313	0.219	0.110	0.113
1500100900	●	No. 6 - 32 UNC	2B	0.313	0.219	0.118	0.121
1500101000	●	No. 6 - 40 UNF	2B	0.313	0.219	0.122	0.125
1500101100	●	No. 8 - 32 UNC	2B	0.406	0.281	0.144	0.148
1500101200	●	No. 8 - 36 UNF	2B	0.406	0.281	0.146	0.150
1500101300	●	No. 10 - 24 UNC	2B	0.406	0.281	0.163	0.167
1500101400	●	No. 10 - 32 UNF	2B	0.406	0.281	0.170	0.174
1500101500	●	No. 12 - 24 UNC	2B	0.406	0.281	0.189	0.193
1500101600	●	No. 12 - 28 UNF	2B	0.406	0.281	0.193	0.197
1500101700	●	1/4 - 20 UNC	2B	0.500	0.313	0.218	0.222
1500101800	●	1/4 - 28 UNF	2B	0.500	0.313	0.227	0.231
1500101900	●	5/16 - 18 UNC	2B	0.500	0.313	0.276	0.282
1500102000	●	5/16 - 24 UNF	2B	0.500	0.313	0.285	0.290
1500102100	●	3/8 - 16 UNC	2B	0.750	0.375	0.334	0.340
1500102200	●	3/8 - 24 UNF	2B	0.750	0.375	0.348	0.353
1500102300	●	7/16 - 14 UNC	2B	0.750	0.375	0.391	0.397
1500102400	●	7/16 - 20 UNF	2B	0.750	0.375	0.405	0.410
1500102500	●	1/2 - 13 UNC	2B	0.750	0.375	0.450	0.457
1500102600	●	1/2 - 20 UNF	2B	0.750	0.375	0.468	0.473
1500102700	●	9/16 - 12 UNC	2B	0.875	0.500	0.508	0.515
1500102800	●	9/16 - 18 UNF	2B	0.875	0.500	0.526	0.532
1500102900	●	5/8 - 11 UNC	2B	0.875	0.500	0.566	0.573
1500103000	●	5/8 - 18 UNF	2B	0.875	0.500	0.589	0.595
1500103100	●	3/4 - 10 UNC	2B	0.875	0.500	0.685	0.693
1500103200	●	3/4 - 16 UNF	2B	0.875	0.500	0.709	0.716
1500103300	●	7/8 - 9 UNC	2B	1.000	0.625	0.803	0.811
1500103400	●	7/8 - 14 UNF	2B	1.000	0.625	0.829	0.836
1500103500	●	1 - 8 UNC	2B	1.000	0.625	0.919	0.928
1500103600	●	1 - 12 UNF	2B	1.000	0.625	0.946	0.954
1500103700	●	1 - 14 UNS	2B	1.000	0.625	0.954	0.961
1500103800	●	1- 1/8 - 7 UNC	2B	1.000	0.625	1.032	1.042
1500103900	●	1- 1/8 - 12 UNF	2B	1.000	0.625	1.071	1.079
1500104000	●	1- 1/4 - 7 UNC	2B	1.250	0.750	1.157	1.167
1500104100	●	1- 1/4 - 12 UNF	2B	1.000	0.750	1.196	1.204
1500104200	●	1- 3/8 - 6 UNC	2B	1.250	0.750	1.267	1.277
1500104300	●	1- 3/8 - 12 UNF	2B	1.000	0.750	1.321	1.329
1500104400	●	1- 1/2 - 6 UNC	2B	1.250	0.750	1.392	1.402
1500104500	●	1- 1/2 - 12 UNF	2B	1.000	0.750	1.446	1.454

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked

Note: 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.



## List 15002

OSG THREAD GAGE-CLASS 6H, Go/NoGo

THREAD GAGES	HSS	BR	PACKED 1 PIECE
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EDP		Gage Size	Class of Fit	Gage Length		Pitch Diameter	
				Go (mm)	No-Go (mm)	Go (mm)	No-Go (mm)
1500200100	●	M3 x 0.5	6H	7.90	5.60	2.68	2.78
1500200200	●	M3.5 x 0.6	6H	7.90	5.60	3.11	3.22
1500200300	●	M4 x 0.7	6H	10.30	7.10	3.55	3.66
1500200400	●	M5 x 0.8	6H	10.30	7.10	4.48	4.61
1500200500	●	M6 x 0.75	6H	12.70	7.90	5.51	5.65
1500200600	●	M6 x 1	6H	12.70	7.90	5.35	5.50
1500200700	●	M7 x 1	6H	12.70	7.90	6.35	6.50
1500200800	●	M8 x 1	6H	12.70	7.90	7.35	7.50
1500200900	●	M8 x 1.25	6H	12.70	7.90	7.19	7.35
1500201000	●	M10 x 1	6H	19.00	9.50	9.35	9.50
1500201100	●	M10 x 1.25	6H	19.00	9.50	9.19	9.35
1500201200	●	M10 x 1.5	6H	19.00	9.50	9.03	9.21
1500201300	●	M12 x 1.25	6H	19.00	9.50	11.19	11.37
1500201400	●	M12 x 1.5	6H	19.00	9.50	11.03	11.22
1500201500	●	M12 x 1.75	6H	19.00	9.50	10.86	11.06
1500201600	●	M14 x 1.5	6H	22.20	12.70	13.03	13.22
1500201700	●	M14 x 2	6H	22.20	12.70	12.70	12.91
1500201800	●	M16 x 1.5	6H	22.20	12.70	15.03	15.22
1500201900	●	M16 x 2	6H	22.20	12.70	14.70	14.91
1500202000	●	M18 x 1.5	6H	22.20	12.70	17.03	17.22
1500202100	●	M18 x 2.5	6H	22.20	12.70	16.38	16.60
1500202200	●	M20 x 1.5	6H	22.20	12.70	19.03	19.22
1500202300	●	M20 x 2.5	6H	22.20	12.70	18.38	18.60
1500202400	●	M22 x 1.5	6H	25.40	15.90	21.03	21.22
1500202500	●	M22 x 2.5	6H	25.40	15.90	20.38	20.60
1500202600	●	M24 x 1.5	6H	25.40	15.90	23.03	23.23
1500202700	●	M24 x 2	6H	25.40	15.90	22.70	22.93
1500202800	●	M24 x 3	6H	25.40	15.90	22.05	22.32

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked

Note: 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 64 HRC. Short Form Certificates of Conformance are available with gages for no charge.

EXT

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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