

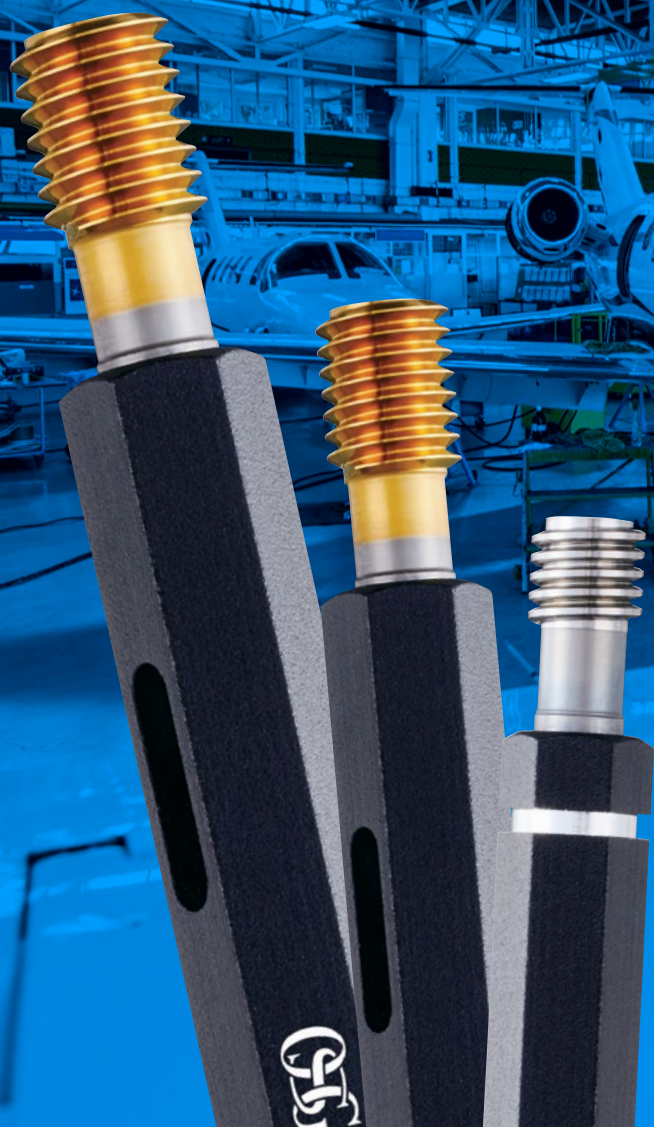


Coated Thread Limit Gages for the Aerospace Industry

Vol 1

COATED THREAD GAGES

UNC/UNF, UNJC/UNJF, 3B Class of Fit



**Thread Limit Gages Ideal for
Aerospace Components and Fasteners.**

Coated Thread Gages

Coated Thread Limit Gages for the Aerospace Industry

TiN Cost Savings

Benefits Using TiN Coating



Gold Coloring

Visually analyze the wear condition in seconds.

Visualization of Wear

Coating Visually Shows Gage Life

TiN coating is applied only to the GO side of the gage as wear tends to progress. Wear of the gage can be visually determined by the wear of the coating.

Still Shows Coating = Still in Tolerance
Coating Wears off Thread = End of Gage Life



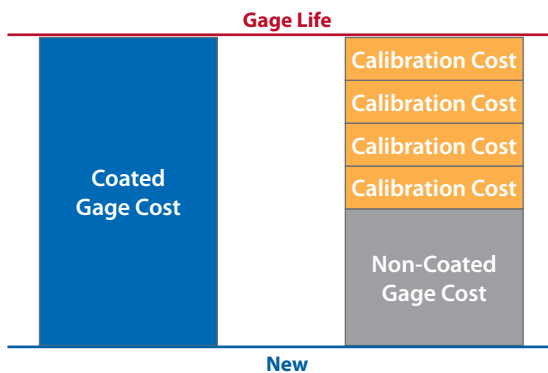
TiN Coating

High hardness provides long tool life.

Cost Savings

Eliminate Calibration Costs

By being able to quickly and easily determine the wear condition of the gage you can eliminate multiple calibration costs throughout the life of the gage as well as saving the time spent calibrating. On average a customer calibrates 4-5 times in the life of a gage, thus exceeding the cost of a coated gage.



Long Tool Life

High Hardness TiN Coating

Long tool life of the thread gage is achieved with the high hardness TiN coating.



List 15003

Go/NoGo, Class 3B



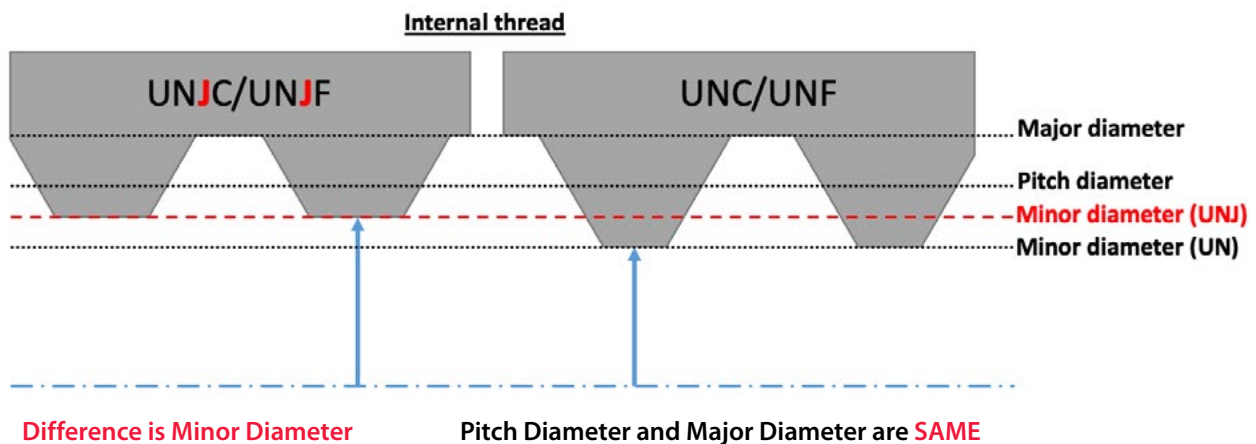
Gage Size	Coating	Class of Fit	Gage Length (Inch)		Pitch Diameter (Inch)		EDP Number
			Go	NoGo	Go	NoGo	
2-56 UN(J)C	BR	3B	0.236	0.197	0.0744	0.0765	1500300100
4-40 UN(J)C			0.315	0.236	0.0958	0.0982	1500300200
6-32 UN(J)C			0.315	0.236	0.1177	0.1204	1500300305
8-32 UN(J)C			0.394	0.276	0.1437	0.1465	1500300405
10-32 UN(J)F	0.394		0.276	0.1697	0.1726	1500300505	
1/4-20 UN(J)C	0.512		0.315	0.2175	0.2211	1500300605	
1/4-28 UN(J)F	0.512		0.315	0.2268	0.2300	1500300705	
5/16-18 UN(J)C	0.512		0.315	0.2764	0.2803	1500300805	
5/16-24 UN(J)F	0.512		0.315	0.2854	0.2890	1500300905	
3/8-24 UN(J)F	0.748		0.394	0.3479	0.3516	1500301005	
7/16-20 UN(J)F	0.748		0.394	0.4050	0.4091	1500301105	
1/2-20 UN(J)F	0.748		0.394	0.4675	0.4717	1500301205	
9/16-18 UN(J)F	0.866		0.512	0.5264	0.5308	1500301305	
5/8-18 UN(J)F	0.866		0.512	0.5889	0.5934	1500301405	
3/4-16 UN(J)F	0.866		0.512	0.7094	0.7143	1500301505	
7/8-14 UN(J)F	0.984		0.630	0.8286	0.8339	1500301605	
1-12 UN(J)F	0.984		0.630	0.9459	0.9516	1500301705	

Packed: 1 pc.
Available Bright finish and TiN Coating only.



OSG Inch Thread Plug Gages for 3B are manufactured to Class 3B 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.

Difference Between UN and UNJ Internal Threads



Example: Tap for 3/8-24 UNC 3B works for 3/8-24 UNJC 3B
Same for thread plug gage.



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.

osgtool.com

OSG USA, Inc. : 800-837-2223

OSG Canada, Ltd. : 905-632-8032 • OSG Royco (Mexico) : (52) 477 478-02-00

