

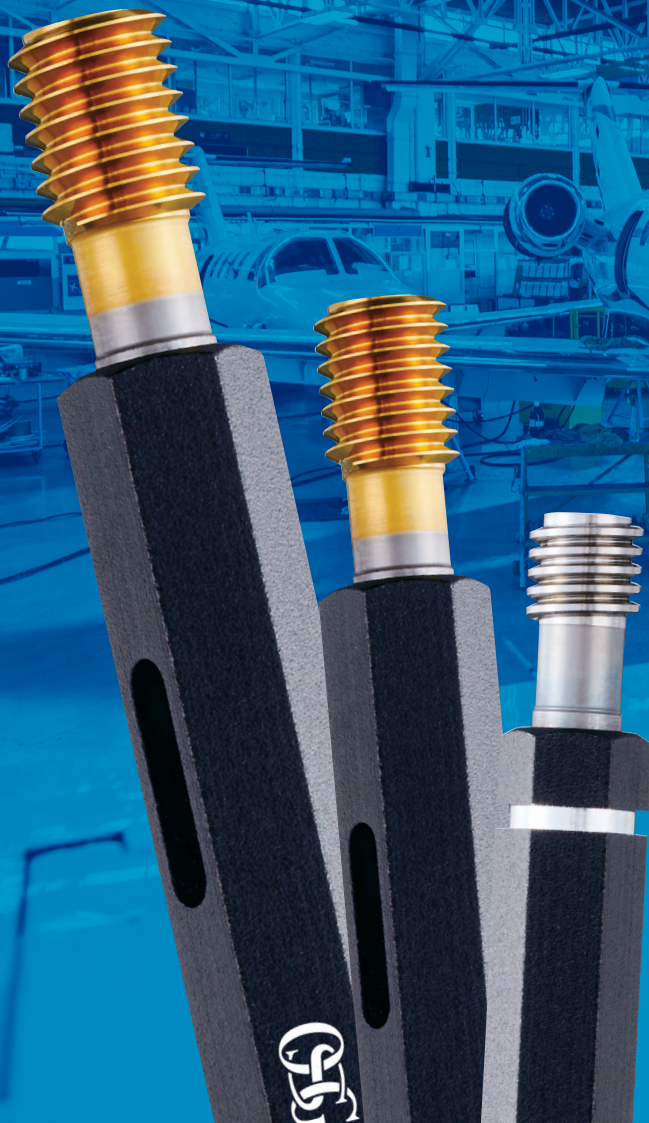


Coated Thread Limit Gages for the Aerospace Industry

Vol 2

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



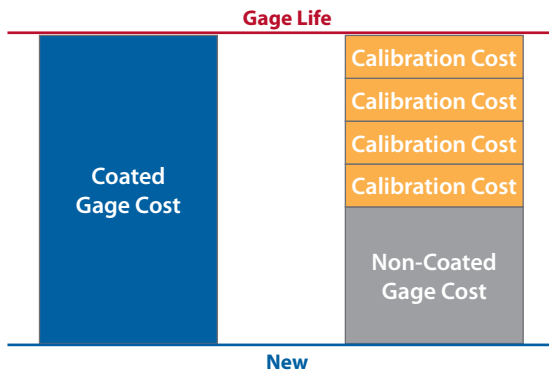
TiN Coating

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

OSG THREAD GAGE-CLASS 3B, Go/NoGo

THREAD GAGES	HSS	BR	TiN	PACKED 1 PIECE
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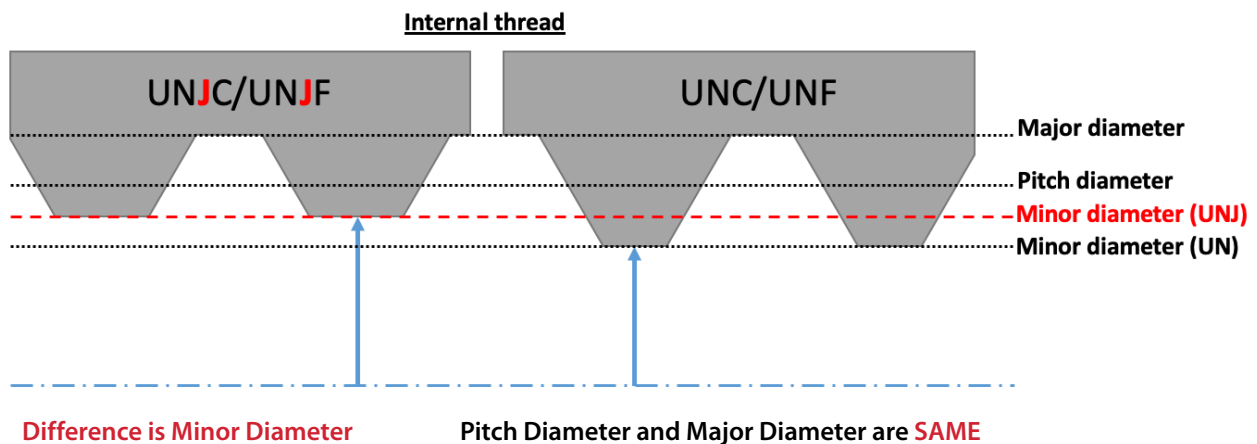


EDP	Gage Size	Class of Fit	Gage Length		Pitch Diameter		Surface Treatment	
			Go (Inch)	No-Go (Inch)	Go (Inch)	No-Go (Inch)		
1500300100	●	No. 2 - 56 UN(J)C	3B	0.236	0.197	0.074	0.077	Bright
1500300200	●	No. 4 - 40 UN(J)C	3B	0.315	0.236	0.096	0.098	Bright
1500300305	●	No. 6 - 32 UN(J)C	3B	0.315	0.236	0.118	0.120	TiN
1500300405	●	No. 8 - 32 UN(J)C	3B	0.394	0.276	0.144	0.147	TiN
1500300505	●	No. 10 - 32 UN(J)F	3B	0.394	0.276	0.170	0.173	TiN
1500300605	●	1/4 - 20 UN(J)C	3B	0.512	0.315	0.218	0.221	TiN
1500300705	●	1/4 - 28 UN(J)F	3B	0.512	0.315	0.227	0.230	TiN
1500300805	●	5/16 - 18 UN(J)C	3B	0.512	0.315	0.276	0.280	TiN
1500300905	●	5/16 - 24 UN(J)F	3B	0.512	0.315	0.285	0.289	TiN
1500301005	●	3/8 - 24 UN(J)F	3B	0.748	0.394	0.348	0.352	TiN
1500301105	●	7/16 - 20 UN(J)F	3B	0.748	0.394	0.405	0.409	TiN
1500301205	●	1/2 - 20 UN(J)F	3B	0.748	0.394	0.468	0.472	TiN
1500301305	●	9/16 - 18 UN(J)F	3B	0.866	0.512	0.526	0.531	TiN
1500301405	●	5/8 - 18 UN(J)F	3B	0.866	0.512	0.589	0.593	TiN
1500301505	●	3/4 - 16 UN(J)F	3B	0.866	0.512	0.709	0.714	TiN
1500301605	●	7/8 - 14 UN(J)F	3B	0.984	0.630	0.829	0.834	TiN
1500301705	●	1 - 12 UN(J)F	3B	0.984	0.630	0.946	0.952	TiN

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



Difference Between UN and UNJ Internal Threads



Example: Tap for 3/8-24 UNC 3B works for 3/8-24 UNJ 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.

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