

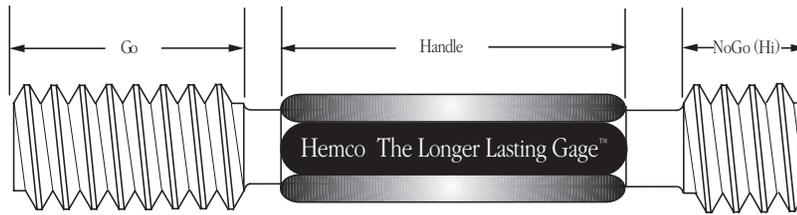
Taperlock Thread Plug Gages

HEMCO

HEMCOChrome Process

Machine Screw, Fractional & Metric Sizes

- ❑ Gage members have tapered shanks which fit corresponding handles.
- ❑ Unconditionally guaranteed against chipping or peeling.
- ❑ All standard thread plug gages supplied with Class "X" tolerance on O.D. lead flank angles and straightness. Other tolerances can be special quoted.
- ❑ Members size #8 and greater and 32 T.P.I. and coarser have their first thread convoluted and also have female centers.
- ❑ Members smaller than size #8 have chamfered threads and male centers.
- ❑ Go member sizes .190 or #10 and larger have a chip groove.



Nominal Size Ranges						General Dimensions					
Number or Fractional		Decimal		Metric		***T.P.I. Less Than	GO Member Length	NoGo (HI) Member Length	Handle No.	Handle Length	Width Across Flat of Handle
From	To & Including	From	To & Including	From	To & Including						
0	3	.060	.105	M1.6	M2.5	81	1/4	3/16	000	1-1/2	3/16
4	6	.105	.150	M3	M3.5	61	5/16	7/32	00	1-3/4	1/4
8	12	.150	.230	M4	M5	49	13/32	9/32	0	2	5/16
1/4	5/16	.230	.365	M6	M8	41	1/2	5/16	1	2-3/4	3/8
3/8	1/2	.365	.510	M10	M12	37	3/4	3/8	2	3	1/2
9/16	3/4	.510	.825	M14	M20	33	7/8	1/2	3	3-1/4	11/16
7/8	1-1/8	.825	1.135	M24	M29	29	1	5/8	4	3-5/8	7/8
1-1/4	1-1/2	1.135	1.510	M30	M38	29	1-1/4*	3/4	5	4	1
1-1/4	1-1/2	1.135	1.510	M30	M38	29	1**	3/4	5	4	1

*Coarser than 12 T.P.I. **12 T.P.I. and finer A.N.S.I. standard B47.1. ***See table 22 A.N.S.I. standard B47.1.

Taperlock	Qty.	Nominal Size & T.P.I.	Select One							Pitch Diameter	Special Options		
			Series		Class	Condition	Handles	Type	Tolerance		Certifications	Extended Lead. 90° Threads. Multi-Lead. Steel Only. Left Hand.	Special Colored Handles. Special Length. Marking Instructions. Certifications.
			UNC UNF UNEF UNS	Acme Buttress Mod. Acme Mod. Buttress British Whitworth DIN/JIS	1, 1B 2, 2B 3, 3B 2C, 3C 2G, 3G	Go NoGo (HI)	Member Only (MO). Single End w/ Handle. Double End w/ Handle.	Taperlock	"X" "W"		Short Form Long Form		
Example	1	3/8-16	UNC		2B	HI	MO	TAPL		Long Form	.3401		
									Note 1	Note 5	Note 6	Note 2	Note 4

Notes:

1. Unless specified, standard gage handles are black anodized. Metric gage handles are yellow anodized.
2. For Standard Pitch Diameters, consult charts on pages 19 & 20.
3. Specify if you wish to have rings set to master setting plugs.
4. Drawings must accompany orders for specials where applicable.
5. Made to "X" tolerance unless specified.
6. See page 3 for explanation of Short & Long form Certifications.