

Standard Thread Gages

WORK PLUGS, RINGS & SET PLUGS

Vermont Gage's Thread Gages inspect the pitch diameter and the functional thread for both internal and external threaded products. All stocked Thread Gages are made to Class X tolerances per ASME B1.2 (Unified Inch screw threads), ASME B18.29.1 (STI Inch Screw Threads) and ASME B1.16M (Metric M series screw threads). All Thread Gages are supplied with a Certificate of Accuracy. Work Plugs are stocked in 2B and 3B (Inch) or 6H (Metric) classes of fit. Rings and Setting Plugs are stocked in 2A and 3A (Inch) or 6g (Metric) classes of fit. Stocked Work Plugs are chrome plated. All Thread Gages are marked with nominal size, threads per inch (Inch) or pitch (Metric), class of fit and pitch diameters. One line of additional marking (up to 25 characters) may be included at no additional cost.

- ***Class of fit – Work Plugs 2B, 3B (Inch); 6H (Metric)***
- ***Class of fit – Rings and Set Plugs 2A, 3A (Inch), 6g (Metric)***
- ***Set Plugs are Class X on PD, W Tolerance on Lead and Flank Angles***
- ***NIST traceable***
- ***Work plugs, Reversibles and STI gages furnished in Chrome Plated Tool Steel, 70/72 Rc***
- ***Thread rings and setting plugs furnished in Tool Steel, 60/62 Rc***
- ***Handles custom marked 1 line (up to 25 characters) included, additional text quoted upon request***
- ***Inch handles – light blue***
- ***Metric handles – yellow***
- ***Thread ring holders available on page 107***
- ***Certificate of Accuracy included***
- ***See page 113 for Calibration Services***



Standard Thread Gages

INCH			Order No.	Order No.	Price	Order No.	Price	Gage Length		Pitch Diameters		Handle
			Go Member	NoGo Member		Go/NoGo Set		Go	NoGo	Go	NoGo	No
13/16-32 UN												
Taperlock Plug	2B	301156510	301156520	\$132.00	301156540	\$276.00	7/8"	1/2"	.7922	.7969		3
Taperlock Plug	3B	301156510	301156530	\$132.00	301156550	\$276.00	7/8"	1/2"	.7922	.7958		3
Ring	2A	361156510	361156530	\$334.00	361156550	\$668.00	9/16"	9/16"	.7911	.7875		4T
Ring	3A	361156520	361156540	\$334.00	361156560	\$668.00	9/16"	9/16"	.7922	.7895		4T
Set Plug	2A	371156510	371156530	\$187.00	371156550	\$386.00	1-1/4"	1-1/4"	.7911	.7875		2
Set Plug	3A	371156520	371156540	\$187.00	371156560	\$386.00	1-1/4"	1-1/4"	.7922	.7895		2
7/8-9 UNC												
Taperlock Plug	2B	301157010	301157020	\$57.00	301157040	\$127.00	1"	5/8"	.8028	.8110		4
Taperlock Plug	3B	301157010	301157030	\$57.00	301157050	\$127.00	1"	5/8"	.8028	.8089		4
Ring	2A	361157010	361157030	\$170.00	361157050	\$340.00	15/16"	11/16"	.8009	.7946		5T
Ring	3A	361157020	361157040	\$170.00	361157060	\$340.00	15/16"	11/16"	.8028	.7981		5T
Set Plug	2A	371157010	371157030	\$134.00	371157050	\$281.00	2-1/8"	1-1/2"	.8009	.7946		4
Set Plug	3A	371157020	371157040	\$134.00	371157060	\$281.00	2-1/8"	1-1/2"	.8028	.7981		4
7/8-12 UN												
Taperlock Plug	2B	301157510	301157520	\$100.00	301157540	\$213.00	1"	5/8"	.8209	.8281		4
Taperlock Plug	3B	301157510	301157530	\$100.00	301157550	\$213.00	1"	5/8"	.8209	.8263		4
Ring	2A	361157510	361157530	\$266.00	361157550	\$532.00	11/16"	11/16"	.8192	.8137		5T
Ring	3A	361157520	361157540	\$266.00	361157560	\$532.00	11/16"	11/16"	.8209	.8168		5T
Set Plug	2A	371157510	371157530	\$142.00	371157550	\$297.00	1-1/2"	1-1/2"	.8192	.8137		4
Set Plug	3A	371157520	371157540	\$142.00	371157560	\$297.00	1-1/2"	1-1/2"	.8209	.8168		4
7/8-14 UNF												
Taperlock Plug	2B	301158010	301158020	\$57.00	301158040	\$127.00	1"	5/8"	.8286	.8356		4
Taperlock Plug	3B	301158010	301158030	\$57.00	301158050	\$127.00	1"	5/8"	.8286	.8339		4
Ring	2A	361158010	361158030	\$170.00	361158050	\$340.00	11/16"	11/16"	.8270	.8216		5T
Ring	3A	361158020	361158040	\$170.00	361158060	\$340.00	11/16"	11/16"	.8286	.8245		5T
Set Plug	2A	371158010	371158030	\$134.00	371158050	\$281.00	1-1/2"	1-1/2"	.8270	.8216		4
Set Plug	3A	371158020	371158040	\$134.00	371158060	\$281.00	1-1/2"	1-1/2"	.8286	.8245		4
7/8-16 UN												
Taperlock Plug	2B	301158510	301158520	\$100.00	301158540	\$213.00	1"	5/8"	.8344	.8407		4
Taperlock Plug	3B	301158510	301158530	\$100.00	301158550	\$213.00	1"	5/8"	.8344	.8391		4
Ring	2A	361158510	361158530	\$266.00	361158550	\$532.00	11/16"	11/16"	.8329	.8280		5T
Ring	3A	361158520	361158540	\$266.00	361158560	\$532.00	11/16"	11/16"	.8344	.8308		5T
Set Plug	2A	371158510	371158530	\$142.00	371158550	\$297.00	1-1/2"	1-1/2"	.8329	.8280		4
Set Plug	3A	371158520	371158540	\$142.00	371158560	\$297.00	1-1/2"	1-1/2"	.8344	.8308		4
7/8-20 UNEF												
Taperlock Plug	2B	301159010	301159020	\$87.00	301159040	\$187.00	1"	5/8"	.8425	.8482		4
Taperlock Plug	3B	301159010	301159030	\$87.00	301159050	\$187.00	1"	5/8"	.8425	.8468		4
Ring	2A	361159010	361159030	\$201.00	361159050	\$402.00	11/16"	11/16"	.8412	.8368		5T
Ring	3A	361159020	361159040	\$201.00	361159060	\$402.00	11/16"	11/16"	.8425	.8392		5T
Set Plug	2A	371159010	371159030	\$167.00	371159050	\$347.00	1-1/2"	1-1/2"	.8412	.8368		4
Set Plug	3A	371159020	371159040	\$167.00	371159060	\$347.00	1-1/2"	1-1/2"	.8425	.8392		4
7/8-28 UN												
Taperlock Plug	2B	301159310	301159320	\$132.00	301159340	\$277.00	1"	5/8"	.8518	.8568		4
Taperlock Plug	3B	301159310	301159330	\$132.00	301159350	\$277.00	1"	5/8"	.8518	.8555		4
Ring	2A	361159310	361159330	\$334.00	361159350	\$668.00	11/16"	11/16"	.8506	.8468		5T
Ring	3A	361159320	361159340	\$334.00	361159360	\$668.00	11/16"	11/16"	.8518	.8489		5T
Set Plug	2A	371159310	371159330	\$187.00	371159350	\$387.00	1-1/2"	1-1/2"	.8506	.8468		4
Set Plug	3A	371159320	371159340	\$187.00	371159360	\$387.00	1-1/2"	1-1/2"	.8518	.8489		4
7/8-32 UN												
Taperlock Plug	2B	301159510	301159520	\$132.00	301159540	\$277.00	5/8"	7/16"	.8547	.8594		4
Taperlock Plug	3B	301159510	301159530	\$132.00	301159550	\$277.00	5/8"	7/16"	.8547	.8583		4
Ring	2A	361159510	361159530	\$334.00	361159550	\$668.00	17/32"	17/32"	.8536	.8500		5T
Ring	3A	361159520	361159540	\$334.00	361159560	\$668.00	17/32"	17/32"	.8547	.8520		5T
Set Plug	2A	371159510	371159530	\$187.00	371159550	\$387.00	1-1/8"	1-1/8"	.8536	.8500		4
Set Plug	3A	371159520	371159540	\$187.00	371159560	\$387.00	1-1/8"	1-1/8"	.8547	.8520		4

Standard Thread Gages

INCH

INCH			Order No.	Order No.	Price	Order No.	Price	Gage Length		Pitch Diameters		Handle
			Go Member	NoGo Member		Go/NoGo Set		Go	NoGo	Go	NoGo	No
15/16-12 UN												
Taperlock Plug	2B	301160010	301160020	\$109.00	301160040	\$231.00	1"	5/8"	.8834	.8908	4	
Taperlock Plug	3B	301160010	301160030	\$109.00	301160050	\$231.00	1"	5/8"	.8834	.8889	4	
Ring	2A	361160010	361160030	\$268.00	361160050	\$536.00	11/16"	11/16"	.8817	.8760	5T	
Ring	3A	361160020	361160040	\$268.00	361160060	\$536.00	11/16"	11/16"	.8834	.8792	5T	
Set Plug	2A	371160010	371160030	\$156.00	371160050	\$325.00	1-1/2"	1-1/2"	.8817	.8760	4	
Set Plug	3A	371160020	371160040	\$156.00	371160060	\$325.00	1-1/2"	1-1/2"	.8834	.8792	4	
15/16-16 UN												
Taperlock Plug	2B	301160310	301160320	\$109.00	301160340	\$231.00	1"	5/8"	.8969	.9034	4	
Taperlock Plug	3B	301160310	301160330	\$109.00	301160350	\$231.00	1"	5/8"	.8969	.9018	4	
Ring	2A	361160310	361160330	\$268.00	361160350	\$536.00	11/16"	11/16"	.8954	.8904	5T	
Ring	3A	361160320	361160340	\$268.00	361160360	\$536.00	11/16"	11/16"	.8969	.8932	5T	
Set Plug	2A	371160310	371160330	\$156.00	371160350	\$325.00	1-1/2"	1-1/2"	.8954	.8904	4	
Set Plug	3A	371160320	371160340	\$156.00	371160360	\$325.00	1-1/2"	1-1/2"	.8969	.8932	4	
15/16-20 UNEF												
Taperlock Plug	2B	301160510	301160520	\$89.00	301160540	\$191.00	1"	5/8"	.9050	.9109	4	
Taperlock Plug	3B	301160510	301160530	\$89.00	301160550	\$191.00	1"	5/8"	.9050	.9094	4	
Ring	2A	361160510	361160530	\$207.00	361160550	\$414.00	11/16"	11/16"	.9036	.8991	5T	
Ring	3A	361160520	361160540	\$207.00	361160560	\$414.00	11/16"	11/16"	.9050	.9016	5T	
Set Plug	2A	371160510	371160530	\$168.00	371160550	\$349.00	1-1/2"	1-1/2"	.9036	.8991	4	
Set Plug	3A	371160520	371160540	\$168.00	371160560	\$349.00	1-1/2"	1-1/2"	.9050	.9016	4	
15/16-28 UN												
Taperlock Plug	2B	301161010	301161020	\$139.00	301161040	\$291.00	1"	5/8"	.9143	.9195	4	
Taperlock Plug	3B	301161010	301161030	\$139.00	301161050	\$291.00	1"	5/8"	.9143	.9182	4	
Ring	2A	361161010	361161030	\$343.00	361161050	\$686.00	11/16"	11/16"	.9131	.9091	5T	
Ring	3A	361161020	361161040	\$343.00	361161060	\$686.00	11/16"	11/16"	.9143	.9113	5T	
Set Plug	2A	371161010	371161030	\$197.00	371161050	\$407.00	1-1/2"	1-1/2"	.9131	.9091	4	
Set Plug	3A	371161020	371161040	\$197.00	371161060	\$407.00	1-1/2"	1-1/2"	.9143	.9113	4	
15/16-32 UN												
Taperlock Plug	2B	301161510	301161520	\$139.00	301161540	\$291.00	5/8"	7/16"	.9172	.9221	4	
Taperlock Plug	3B	301161510	301161530	\$139.00	301161550	\$291.00	5/8"	7/16"	.9172	.9209	4	
Ring	2A	361161510	361161530	\$343.00	361161550	\$686.00	17/32"	17/32"	.9161	.9123	5T	
Ring	3A	361161520	361161540	\$343.00	361161560	\$686.00	17/32"	17/32"	.9172	.9144	5T	
Set Plug	2A	371161510	371161530	\$197.00	371161550	\$407.00	1-1/8"	1-1/8"	.9161	.9123	4	
Set Plug	3A	371161520	371161540	\$197.00	371161560	\$407.00	1-1/8"	1-1/8"	.9172	.9144	4	
1-8 UNC												
Taperlock Plug	2B	301162010	301162020	\$67.00	301162040	\$147.00	1"	5/8"	.9188	.9276	4	
Taperlock Plug	3B	301162010	301162030	\$67.00	301162050	\$147.00	1"	5/8"	.9188	.9254	4	
Ring	2A	361162010	361162030	\$207.00	361162050	\$414.00	15/16"	11/16"	.9168	.9100	5T	
Ring	3A	361162020	361162040	\$207.00	361162060	\$414.00	15/16"	11/16"	.9188	.9137	5T	
Set Plug	2A	371162010	371162030	\$153.00	371162050	\$319.00	2-1/8"	1-1/2"	.9168	.9100	4	
Set Plug	3A	371162020	371162040	\$153.00	371162060	\$319.00	2-1/8"	1-1/2"	.9188	.9137	4	
1-12 UNF												
Taperlock Plug	2B	301163010	301163020	\$67.00	301163040	\$147.00	1"	5/8"	.9459	.9535	4	
Taperlock Plug	3B	301163010	301163030	\$67.00	301163050	\$147.00	1"	5/8"	.9459	.9516	4	
Ring	2A	361163010	361163030	\$207.00	361163050	\$414.00	11/16"	11/16"	.9441	.9382	5T	
Ring	3A	361163020	361163040	\$207.00	361163060	\$414.00	11/16"	11/16"	.9459	.9415	5T	
Set Plug	2A	371163010	371163030	\$153.00	371163050	\$319.00	1-1/2"	1-1/2"	.9441	.9382	4	
Set Plug	3A	371163020	371163040	\$153.00	371163060	\$319.00	1-1/2"	1-1/2"	.9459	.9415	4	

THREADS

Standard Thread Gages

INCH	Order No.		Price	Order No.		Price	Gage Length		Pitch Diameters		Handle No
	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo		
1-14 UNS											
Taperlock Plug 2B	301164010	301164020	\$67.00	301164040	\$147.00	1"	5/8"	.9536	.9609	4	
Taperlock Plug 3B	301164010	301164030	\$67.00	301164050	\$147.00	1"	5/8"	.9536	.9590	4	
* Taperlock Plug 2B	301164010	301164120	\$67.00	301164140	\$147.00	1"	5/8"	.9536	.9605	4	
* Taperlock Plug 3B	301164010	301164130	\$67.00	301164150	\$147.00	1"	5/8"	.9536	.9588	4	
Ring 2A	361164010	361164030	\$207.00	361164050	\$414.00	11/16"	11/16"	.9519	.9463	5T	
Ring 3A	361164020	361164040	\$207.00	361164060	\$414.00	11/16"	11/16"	.9536	.9494	5T	
* Ring 2A	361164110	361164130	\$207.00	361164150	\$414.00	11/16"	11/16"	.9520	.9467	5T	
* Ring 3A	361164020	361164140	\$207.00	361164160	\$414.00	11/16"	11/16"	.9536	.9496	5T	
Set Plug 2A	371164010	371164030	\$153.00	371164050	\$319.00	1-1/2"	1-1/2"	.9519	.9463	4	
Set Plug 3A	371164020	371164040	\$153.00	371164060	\$319.00	1-1/2"	1-1/2"	.9536	.9494	4	
* Set Plug 2A	371164110	371164130	\$153.00	371164150	\$319.00	1-1/2"	1-1/2"	.9520	.9467	4	
* Set Plug 3A	371164020	371164140	\$153.00	371164160	\$319.00	1-1/2"	1-1/2"	.9536	.9496	4	
1-16 UN											
Taperlock Plug 2B	301164510	301164520	\$109.00	301164540	\$231.00	1"	5/8"	.9594	.9659	4	
Taperlock Plug 3B	301164510	301164530	\$109.00	301164550	\$231.00	1"	5/8"	.9594	.9643	4	
Ring 2A	361164510	361164530	\$268.00	361164550	\$536.00	11/16"	11/16"	.9579	.9529	5T	
Ring 3A	361164520	361164540	\$268.00	361164560	\$536.00	11/16"	11/16"	.9594	.9557	5T	
Set Plug 2A	371164510	371164530	\$156.00	371164550	\$325.00	1-1/2"	1-1/2"	.9579	.9529	4	
Set Plug 3A	371164520	371164540	\$156.00	371164560	\$325.00	1-1/2"	1-1/2"	.9594	.9557	4	
1-20 UNEF											
Taperlock Plug 2B	301165010	301165020	\$97.00	301165040	\$207.00	1"	5/8"	.9675	.9734	4	
Taperlock Plug 3B	301165010	301165030	\$97.00	301165050	\$207.00	1"	5/8"	.9675	.9719	4	
Ring 2A	361165010	361165030	\$231.00	361165050	\$462.00	11/16"	11/16"	.9661	.9616	5T	
Ring 3A	361165020	361165040	\$231.00	361165060	\$462.00	11/16"	11/16"	.9675	.9641	5T	
Set Plug 2A	371165010	371165030	\$172.00	371165050	\$357.00	1-1/2"	1-1/2"	.9661	.9616	4	
Set Plug 3A	371165020	371165040	\$172.00	371165060	\$357.00	1-1/2"	1-1/2"	.9675	.9641	4	
1-28 UN											
Taperlock Plug 2B	301165310	301165320	\$139.00	301165340	\$291.00	1"	5/8"	.9768	.9820	4	
Taperlock Plug 3B	301165310	301165330	\$139.00	301165350	\$291.00	1"	5/8"	.9768	.9807	4	
Ring 2A	361165310	361165330	\$343.00	361165350	\$686.00	11/16"	11/16"	.9756	.9716	5T	
Ring 3A	361165320	361165340	\$343.00	361165360	\$686.00	11/16"	11/16"	.9768	.9738	5T	
Set Plug 2A	371165310	371165330	\$197.00	371165350	\$407.00	1-1/2"	1-1/2"	.9756	.9716	4	
Set Plug 3A	371165320	371165340	\$197.00	371165360	\$407.00	1-1/2"	1-1/2"	.9768	.9738	4	
1-32 UN											
Taperlock Plug 2B	301165510	301165520	\$139.00	301165540	\$291.00	5/8"	7/16"	.9797	.9846	4	
Taperlock Plug 3B	301165510	301165530	\$139.00	301165550	\$291.00	5/8"	7/16"	.9797	.9834	4	
Ring 2A	361165510	361165530	\$343.00	361165550	\$686.00	17/32"	17/32"	.9786	.9748	5T	
Ring 3A	361165520	361165540	\$343.00	361165560	\$686.00	17/32"	17/32"	.9797	.9769	5T	
Set Plug 2A	371165510	371165530	\$197.00	371165550	\$407.00	1-1/8"	1-1/8"	.9786	.9748	4	
Set Plug 3A	371165520	371165540	\$197.00	371165560	\$407.00	1-1/8"	1-1/8"	.9797	.9769	4	
1 1/16-8 UN											
Taperlock Plug 2B	301166010	301166020	\$116.00	301166040	\$245.00	1"	5/8"	.9813	.9902	4	
Taperlock Plug 3B	301166010	301166030	\$116.00	301166050	\$245.00	1"	5/8"	.9813	.9880	4	
Ring 2A	361166010	361166030	\$272.00	361166050	\$544.00	15/16"	11/16"	.9793	.9725	5T	
Ring 3A	361166020	361166040	\$272.00	361166060	\$544.00	15/16"	11/16"	.9813	.9762	5T	
Set Plug 2A	371166010	371166030	\$165.00	371166050	\$343.00	2-1/8"	1-1/2"	.9793	.9725	4	
Set Plug 3A	371166020	371166040	\$165.00	371166060	\$343.00	2-1/8"	1-1/2"	.9813	.9762	4	
1 1/16-12 UN											
Taperlock Plug 2B	301166510	301166520	\$116.00	301166540	\$245.00	1"	5/8"	1.0084	1.0158	4	
Taperlock Plug 3B	301166510	301166530	\$116.00	301166550	\$245.00	1"	5/8"	1.0084	1.0139	4	
Ring 2A	361166510	361166530	\$272.00	361166550	\$544.00	11/16"	11/16"	1.0067	1.0010	5T	
Ring 3A	361166520	361166540	\$272.00	361166560	\$544.00	11/16"	11/16"	1.0084	1.0042	5T	
Set Plug 2A	371166510	371166530	\$165.00	371166550	\$343.00	1-1/2"	1-1/2"	1.0067	1.0010	4	
Set Plug 3A	371166520	371166540	\$165.00	371166560	\$343.00	1-1/2"	1-1/2"	1.0084	1.0042	4	

*New ANSI spec effective 2/2008