

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.		Price	Order No.		Price	Gage Length		Pitch Diameters		Handle No
	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo		
1/4-20 UNC											
Taperlock Plug 2B	301126010	301126020	\$34.00	301126040	\$80.00	1/2"	5/16"	.2175	.2224	1	
Taperlock Plug 3B	301126010	301126030	\$34.00	301126050	\$80.00	1/2"	5/16"	.2175	.2211	1	
Reversible Plug 2B	311126010	311126020	\$49.00	311126040	\$114.00	7/8"	7/8"	.2175	.2224	3W	
Reversible Plug 3B	311126010	311126030	\$49.00	311126050	\$114.00	7/8"	7/8"	.2175	.2211	3W	
STI Plug 2B	321126010	321126020	\$49.00	321126040	\$110.00	1/2"	5/16"	.2825	.2864	1	
STI Plug 3B	321126010	321126030	\$49.00	321126050	\$110.00	1/2"	5/16"	.2825	.2851	1	
Ring 2A	361126010	361126030	\$95.00	361126050	\$190.00	11/32"	11/32"	.2164	.2127	2T	
Ring 3A	361126020	361126040	\$95.00	361126060	\$190.00	11/32"	11/32"	.2175	.2147	2T	
Set Plug 2A	371126010	371126030	\$77.00	371126050	\$166.00	3/4"	3/4"	.2164	.2127	1	
Set Plug 3A	371126020	371126040	\$77.00	371126060	\$166.00	3/4"	3/4"	.2175	.2147	1	
1/4-28 UNF											
Taperlock Plug 2B	301127010	301127020	\$34.00	301127040	\$80.00	1/2"	5/16"	.2268	.2311	1	
Taperlock Plug 3B	301127010	301127030	\$34.00	301127050	\$80.00	1/2"	5/16"	.2268	.2300	1	
Reversible Plug 2B	311127010	311127020	\$49.00	311127040	\$114.00	7/8"	7/8"	.2268	.2311	3W	
Reversible Plug 3B	311127010	311127030	\$49.00	311127050	\$114.00	7/8"	7/8"	.2268	.2300	3W	
STI Plug 2B	321127010	321127020	\$49.00	321127040	\$110.00	1/2"	5/16"	.2732	.2765	1	
STI Plug 3B	321127010	321127030	\$49.00	321127050	\$110.00	1/2"	5/16"	.2732	.2754	1	
Ring 2A	361127010	361127030	\$95.00	361127050	\$190.00	11/32"	11/32"	.2258	.2225	2T	
Ring 3A	361127020	361127040	\$95.00	361127060	\$190.00	11/32"	11/32"	.2268	.2243	2T	
Set Plug 2A	371127010	371127030	\$77.00	371127050	\$166.00	3/4"	3/4"	.2258	.2225	1	
Set Plug 3A	371127020	371127040	\$77.00	371127060	\$166.00	3/4"	3/4"	.2268	.2243	1	
1/4-32 UNEF											
Taperlock Plug 2B	301128010	301128020	\$60.00	301128040	\$132.00	1/2"	5/16"	.2297	.2339	1	
Taperlock Plug 3B	301128010	301128030	\$60.00	301128050	\$132.00	1/2"	5/16"	.2297	.2328	1	
Reversible Plug 2B	311128010	311128020	\$78.00	311128040	\$172.00	7/8"	7/8"	.2297	.2339	3W	
Reversible Plug 3B	311128010	311128030	\$78.00	311128050	\$172.00	7/8"	7/8"	.2297	.2328	3W	
Ring 2A	361128010	361128030	\$130.00	361128050	\$260.00	11/32"	11/32"	.2287	.2255	2T	
Ring 3A	361128020	361128040	\$130.00	361128060	\$260.00	11/32"	11/32"	.2297	.2273	2T	
Set Plug 2A	371128010	371128030	\$106.00	371128050	\$224.00	3/4"	3/4"	.2287	.2255	1	
Set Plug 3A	371128020	371128040	\$106.00	371128060	\$224.00	3/4"	3/4"	.2297	.2273	1	
5/16-18 UNC											
Taperlock Plug 2B	301129510	301129520	\$34.00	301129540	\$80.00	1/2"	5/16"	.2764	.2817	1	
Taperlock Plug 3B	301129510	301129530	\$34.00	301129550	\$80.00	1/2"	5/16"	.2764	.2803	1	
Reversible Plug 2B	311129510	311129520	\$49.00	311129540	\$114.50	1"	1"	.2764	.2817	4W	
Reversible Plug 3B	311129510	311129530	\$49.00	311129550	\$114.50	1"	1"	.2764	.2803	4W	
STI Plug 2B	321129510	321129520	\$49.00	321129540	\$110.00	3/4"	3/8"	.3486	.3529	2	
STI Plug 3B	321129510	321129530	\$49.00	321129550	\$110.00	3/4"	3/8"	.3486	.3515	2	
Ring 2A	361129510	361129530	\$95.00	361129550	\$190.00	11/32"	11/32"	.2752	.2712	2T	
Ring 3A	361129520	361129540	\$95.00	361129560	\$190.00	11/32"	11/32"	.2764	.2734	2T	
Set Plug 2A	371129510	371129530	\$77.00	371129550	\$166.00	3/4"	3/4"	.2752	.2712	1	
Set Plug 3A	371129520	371129540	\$77.00	371129560	\$166.00	3/4"	3/4"	.2764	.2734	1	
5/16-20 UN											
Taperlock Plug 2B	301130010	301130020	\$93.00	301130040	\$198.00	1/2"	5/16"	.2800	.2852	1	
Taperlock Plug 3B	301130010	301130030	\$93.00	301130050	\$198.00	1/2"	5/16"	.2800	.2839	1	
Ring 2A	361130010	361130030	\$228.00	361130050	\$456.00	1"	1"	.2788	.2748	2T	
Ring 3A	361130020	361130040	\$228.00	361130060	\$456.00	1"	1"	.2800	.2770	2T	
Set Plug 2A	371130010	371130030	\$132.00	371130050	\$276.00	3/4"	3/4"	.2788	.2748	1	
Set Plug 3A	371130020	371130040	\$132.00	371130060	\$276.00	3/4"	3/4"	.2800	.2770	1	

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INCH	Order No.		Price	Order No.		Price	Gage Length		Pitch Diameters		Handle No
	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo		
5/16-24 UNF											
Taperlock Plug 2B	301130510	301130520	\$34.00	301130540	\$80.00	1/2"	5/16"	.2854	.2902	1	
Taperlock Plug 3B	301130510	301130530	\$34.00	301130550	\$80.00	1/2"	5/16"	.2854	.2890	1	
Reversible Plug 2B	311130510	311130520	\$49.00	311130540	\$114.50	1"	1"	.2854	.2902	4W	
Reversible Plug 3B	311130510	311130530	\$49.00	311130550	\$114.50	1"	1"	.2854	.2890	4W	
STI Plug 2B	321130510	321130520	\$49.00	321130540	\$110.00	1/2"	5/16"	.3395	.3433	1	
STI Plug 3B	321130510	321130530	\$49.00	321130550	\$110.00	1/2"	5/16"	.3395	.3421	1	
Ring 2A	361130510	361130530	\$95.00	361130550	\$190.00	11/32"	11/32"	.2843	.2806	2T	
Ring 3A	361130520	361130540	\$95.00	361130560	\$190.00	11/32"	11/32"	.2854	.2827	2T	
Set Plug 2A	371130510	371130530	\$77.00	371130550	\$166.00	3/4"	3/4"	.2843	.2806	1	
Set Plug 3A	371130520	371130540	\$77.00	371130560	\$166.00	3/4"	3/4"	.2854	.2827	1	
5/16-28 UN											
Taperlock Plug 2B	301131010	301131020	\$104.00	301131040	\$220.00	1/2"	5/16"	.2893	.2937	1	
Taperlock Plug 3B	301131010	301131030	\$104.00	301131050	\$220.00	1/2"	5/16"	.2893	.2926	1	
Ring 2A	361131010	361131030	\$240.00	361131050	\$480.00	11/32"	11/32"	.2883	.2849	2T	
Ring 3A	361131020	361131040	\$240.00	361131060	\$480.00	11/32"	11/32"	.2893	.2867	2T	
Set Plug 2A	371131010	371131030	\$149.00	371131050	\$310.00	3/4"	3/4"	.2883	.2849	1	
Set Plug 3A	371131020	371131040	\$149.00	371131060	\$310.00	3/4"	3/4"	.2893	.2867	1	
5/16-32 UNEF											
Taperlock Plug 2B	301131510	301131520	\$60.00	301131540	\$132.00	1/2"	5/16"	.2922	.2964	1	
Taperlock Plug 3B	301131510	301131530	\$60.00	301131550	\$132.00	1/2"	5/16"	.2922	.2953	1	
Reversible Plug 2B	311131510	311131520	\$78.00	311131540	\$172.50	1"	1"	.2922	.2964	4W	
Reversible Plug 3B	311131510	311131530	\$78.00	311131550	\$172.50	1"	1"	.2922	.2953	4W	
Ring 2A	361131510	361131530	\$130.00	361131550	\$260.00	11/32"	11/32"	.2912	.2880	2T	
Ring 3A	361131520	361131540	\$130.00	361131560	\$260.00	11/32"	11/32"	.2922	.2898	2T	
Set Plug 2A	371131510	371131530	\$106.00	371131550	\$224.00	3/4"	3/4"	.2912	.2880	1	
Set Plug 3A	371131520	371131540	\$106.00	371131560	\$224.00	3/4"	3/4"	.2922	.2898	1	
3/8-16 UNC											
Taperlock Plug 2B	301133010	301133020	\$35.00	301133040	\$82.00	3/4"	3/8"	.3344	.3401	2	
Taperlock Plug 3B	301133010	301133030	\$35.00	301133050	\$82.00	3/4"	3/8"	.3344	.3387	2	
Reversible Plug 2B	311133010	311133020	\$50.00	311133040	\$116.50	1-1/4"	1-1/4"	.3344	.3401	4W	
Reversible Plug 3B	311133010	311133030	\$50.00	311133050	\$116.50	1-1/4"	1-1/4"	.3344	.3387	4W	
STI Plug 2B	321133010	321133020	\$50.00	321133040	\$112.00	3/4"	3/8"	.4156	.4203	2	
STI Plug 3B	321133010	321133030	\$50.00	321133050	\$112.00	3/4"	3/8"	.4156	.4189	2	
Ring 2A	361133010	361133030	\$102.00	361133050	\$204.00	7/16"	7/16"	.3331	.3287	3T	
Ring 3A	361133020	361133040	\$102.00	361133060	\$204.00	7/16"	7/16"	.3344	.3311	3T	
Set Plug 2A	371133010	371133030	\$80.00	371133050	\$172.00	1"	1"	.3331	.3287	2	
Set Plug 3A	371133020	371133040	\$80.00	371133060	\$172.00	1"	1"	.3344	.3311	2	
3/8-20 UN											
Taperlock Plug 2B	301133510	301133520	\$93.00	301133540	\$198.00	3/4"	3/8"	.3425	.3479	2	
Taperlock Plug 3B	301133510	301133530	\$93.00	301133550	\$198.00	3/4"	3/8"	.3425	.3465	2	
Ring 2A	361133510	361133530	\$237.00	361133550	\$474.00	7/16"	7/16"	.3413	.3372	3T	
Ring 3A	361133520	361133540	\$237.00	361133560	\$474.00	7/16"	7/16"	.3425	.3394	3T	
Set Plug 2A	371133510	371133530	\$132.00	371133550	\$276.00	1"	1"	.3413	.3372	2	
Set Plug 3A	371133520	371133540	\$132.00	371133560	\$276.00	1"	1"	.3425	.3394	2	
3/8-24 UNF											
Taperlock Plug 2B	301134010	301134020	\$35.00	301134040	\$82.00	3/4"	3/8"	.3479	.3528	2	
Taperlock Plug 3B	301134010	301134030	\$35.00	301134050	\$82.00	3/4"	3/8"	.3479	.3516	2	
Reversible Plug 2B	311134010	311134020	\$50.00	311134040	\$116.50	1-1/8"	1-1/8"	.3479	.3528	4W	
Reversible Plug 3B	311134010	311134030	\$50.00	311134050	\$116.50	1-1/8"	1-1/8"	.3479	.3516	4W	
STI Plug 2B	321134010	321134020	\$50.00	321134040	\$112.00	3/4"	3/8"	.4020	.4059	2	
STI Plug 3B	321134010	321134030	\$50.00	321134050	\$112.00	3/4"	3/8"	.4020	.4047	2	
Ring 2A	361134010	361134030	\$102.00	361134050	\$204.00	7/16"	7/16"	.3468	.3430	3T	
Ring 3A	361134020	361134040	\$102.00	361134060	\$204.00	7/16"	7/16"	.3479	.3450	3T	
Set Plug 2A	371134010	371134030	\$80.00	371134050	\$172.00	1"	1"	.3468	.3430	2	
Set Plug 3A	371134020	371134040	\$80.00	371134060	\$172.00	1"	1"	.3479	.3450	2	

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INCH

	Order No. Go Member	Order No. NoGo Member	Price	Order No. Go/NoGo Set	Price	Gage Length		Pitch Diameters		Handle No
						Go	NoGo	Go	NoGo	
3/8-28 UN										
Taperlock Plug 2B	301134510	301134520	\$104.00	301134540	\$220.00	3/4"	3/8"	.3518	.3564	2
Taperlock Plug 3B	301134510	301134530	\$104.00	301134550	\$220.00	3/4"	3/8"	.3518	.3553	2
Ring 2A	361134510	361134530	\$266.00	361134550	\$532.00	7/16"	7/16"	.3507	.3471	3T
Ring 3A	361134520	361134540	\$266.00	361134560	\$532.00	7/16"	7/16"	.3518	.3491	3T
Set Plug 2A	371134510	371134530	\$149.00	371134550	\$310.00	1"	1"	.3507	.3471	2
Set Plug 3A	371134520	371134540	\$149.00	371134560	\$310.00	1"	1"	.3518	.3491	2
3/8-32 UNEF										
Taperlock Plug 2B	301135010	301135020	\$67.00	301135040	\$147.00	3/4"	3/8"	.3547	.3591	2
Taperlock Plug 3B	301135010	301135030	\$67.00	301135050	\$147.00	3/4"	3/8"	.3547	.3580	2
Reversible Plug 2B	311135010	311135020	\$81.00	311135040	\$178.50	1-1/8"	1-1/8"	.3547	.3591	4W
Reversible Plug 3B	311135010	311135030	\$81.00	311135050	\$178.50	1-1/8"	1-1/8"	.3547	.3580	4W
Ring 2A	361135010	361135030	\$132.00	361135050	\$264.00	7/16"	7/16"	.3537	.3503	3T
Ring 3A	361135020	361135040	\$132.00	361135060	\$264.00	7/16"	7/16"	.3547	.3522	3T
Set Plug 2A	371135010	371135030	\$120.00	371135050	\$253.00	1"	1"	.3537	.3503	2
Set Plug 3A	371135020	371135040	\$120.00	371135060	\$253.00	1"	1"	.3547	.3522	2
7/16-14 UNC										
Taperlock Plug 2B	301136510	301136520	\$35.00	301136540	\$82.00	3/4"	3/8"	.3911	.3972	2
Taperlock Plug 3B	301136510	301136530	\$35.00	301136550	\$82.00	3/4"	3/8"	.3911	.3957	2
Reversible Plug 2B	311136510	311136520	\$54.00	311136540	\$127.00	1-1/4"	1-1/4"	.3911	.3972	5W
Reversible Plug 3B	311136510	311136530	\$54.00	311136550	\$127.00	1-1/4"	1-1/4"	.3911	.3957	5W
STI Plug 2B	321136510	321136520	\$54.00	321136540	\$120.00	7/8"	1/2"	.4839	.4890	3
STI Plug 3B	321136510	321136530	\$54.00	321136550	\$120.00	7/8"	1/2"	.4839	.4875	3
Ring 2A	361136510	361136530	\$102.00	361136550	\$204.00	7/16"	7/16"	.3897	.3850	3T
Ring 3A	361136520	361136540	\$102.00	361136560	\$204.00	7/16"	7/16"	.3911	.3876	3T
Set Plug 2A	371136510	371136530	\$80.00	371136550	\$172.00	1"	1"	.3897	.3850	2
Set Plug 3A	371136520	371136540	\$80.00	371136560	\$172.00	1"	1"	.3911	.3876	2
7/16 - 16 UN										
Taperlock Plug 2B	301137010	301137020	\$93.00	301137040	\$198.00	3/4"	3/8"	.3969	.4028	2
Taperlock Plug 3B	301137010	301137030	\$93.00	301137050	\$198.00	3/4"	3/8"	.3969	.4014	2
Ring 2A	361137010	361137030	\$237.00	361137050	\$474.00	7/16"	7/16"	.3955	.3909	3T
Ring 3A	361137020	361137040	\$237.00	361137060	\$474.00	7/16"	7/16"	.3969	.3935	3T
Set Plug 2A	371137010	371137030	\$132.00	371137050	\$276.00	1"	1"	.3955	.3909	2
Set Plug 3A	371137020	371137040	\$132.00	371137060	\$276.00	1"	1"	.3969	.3935	2
7/16-20 UNF										
Taperlock Plug 2B	301137510	301137520	\$35.00	301137540	\$82.00	3/4"	3/8"	.4050	.4104	2
Taperlock Plug 3B	301137510	301137530	\$35.00	301137550	\$82.00	3/4"	3/8"	.4050	.4091	2
Reversible Plug 2B	311137510	311137520	\$54.00	311137540	\$127.00	1-1/4"	1-1/4"	.4050	.4104	5W
Reversible Plug 3B	311137510	311137530	\$54.00	311137550	\$127.00	1-1/4"	1-1/4"	.4050	.4091	5W
STI Plug 2B	321137510	321137520	\$54.00	321137540	\$120.00	3/4"	3/8"	.4700	.4744	3
STI Plug 3B	321137510	321137530	\$54.00	321137550	\$120.00	3/4"	3/8"	.4700	.4731	3
Ring 2A	361137510	361137530	\$102.00	361137550	\$204.00	7/16"	7/16"	.4037	.3995	3T
Ring 3A	361137520	361137540	\$102.00	361137560	\$204.00	7/16"	7/16"	.4050	.4019	3T
Set Plug 2A	371137510	371137530	\$80.00	371137550	\$172.00	1"	1"	.4037	.3995	2
Set Plug 3A	371137520	371137540	\$80.00	371137560	\$172.00	1"	1"	.4050	.4019	2
7/16-24 UNS										
Taperlock Plug 2B	301138010	301138020	\$98.00	301138040	\$208.00	3/4"	3/8"	.4104	.4153	2
Taperlock Plug 3B	301138010	301138030	\$98.00	301138050	\$208.00	3/4"	3/8"	.4104	.4141	2
* Taperlock Plug 2B	301138010	301138120	\$98.00	301138140	\$208.00	3/4"	3/8"	.4104	.4154	2
* Taperlock Plug 3B	301138010	301138130	\$98.00	301138150	\$208.00	3/4"	3/8"	.4104	.4142	2
Ring 2A	361138010	361138030	\$252.00	361138050	\$504.00	7/16"	7/16"	.4093	.4055	3T
Ring 3A	361138020	361138040	\$252.00	361138060	\$504.00	7/16"	7/16"	.4104	.4075	3T
* Ring 2A	361138110	361138130	\$252.00	361138150	\$504.00	7/16"	7/16"	.4092	.4053	3T
Set Plug 2A	371138010	371138030	\$140.00	371138050	\$292.00	1"	1"	.4093	.4055	2
Set Plug 3A	371138020	371138040	\$140.00	371138060	\$292.00	1"	1"	.4104	.4075	2
* Set Plug 2A	371138110	371138130	\$140.00	371138150	\$292.00	1"	1"	.4092	.4053	2

*New ANSI spec effective 02/2008.

THREADS