

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		
7/16-28 UNEF											
Taperlock Plug 2B	301138510	301138520	\$67.00	301138540	\$146.00	3/4"	3/8"	.4143	.4189	2	
Taperlock Plug 3B	301138510	301138530	\$67.00	301138550	\$146.00	3/4"	3/8"	.4143	.4178	2	
Reversible Plug 2B	311138510	311138520	\$81.00	311138540	\$181.00	1-1/4"	1-1/4"	.4143	.4189	5W	
Reversible Plug 3B	311138510	311138530	\$81.00	311138550	\$181.00	1-1/4"	1-1/4"	.4143	.4178	5W	
Ring 2A	361138510	361138530	\$132.00	361138550	\$264.00	7/16"	7/16"	.4132	.4096	3T	
Ring 3A	361138520	361138540	\$132.00	361138560	\$264.00	7/16"	7/16"	.4143	.4116	3T	
Set Plug 2A	371138510	371138530	\$120.00	371138550	\$252.00	1"	1"	.4132	.4096	2	
Set Plug 3A	371138520	371138540	\$120.00	371138560	\$252.00	1"	1"	.4143	.4116	2	
7/16-32 UN											
Taperlock Plug 2B	301139010	301139020	\$108.00	301139040	\$228.00	3/4"	3/8"	.4172	.4216	2	
Taperlock Plug 3B	301139010	301139030	\$108.00	301139050	\$228.00	3/4"	3/8"	.4172	.4205	2	
Ring 2A	361139010	361139030	\$272.00	361139050	\$544.00	7/16"	7/16"	.4162	.4128	3T	
Ring 3A	361139020	361139040	\$272.00	361139060	\$544.00	7/16"	7/16"	.4172	.4147	3T	
Set Plug 2A	371139010	371139030	\$153.00	371139050	\$318.00	1"	1"	.4162	.4128	2	
Set Plug 3A	371139020	371139040	\$153.00	371139060	\$318.00	1"	1"	.4172	.4147	2	
1/2-13 UNC											
Taperlock Plug 2B	301140010	301140020	\$36.00	301140040	\$84.00	3/4"	3/8"	.4500	.4565	2	
Taperlock Plug 3B	301140010	301140030	\$36.00	301140050	\$84.00	3/4"	3/8"	.4500	.4548	2	
Reversible Plug 2B	311140010	311140020	\$55.00	311140040	\$129.00	1-3/8"	1-3/8"	.4500	.4565	5W	
Reversible Plug 3B	311140010	311140030	\$55.00	311140050	\$129.00	1-3/8"	1-3/8"	.4500	.4548	5W	
STI Plug 2B	321140010	321140020	\$56.00	321140040	\$124.00	7/8"	1/2"	.5499	.5554	3	
STI Plug 3B	321140010	321140030	\$56.00	321140050	\$124.00	7/8"	1/2"	.5499	.5537	3	
Ring 2A	361140010	361140030	\$112.00	361140050	\$224.00	7/16"	7/16"	.4485	.4435	3T	
Ring 3A	361140020	361140040	\$112.00	361140060	\$224.00	7/16"	7/16"	.4500	.4463	3T	
Set Plug 2A	371140010	371140030	\$84.00	371140050	\$180.00	1"	1"	.4485	.4435	2	
Set Plug 3A	371140020	371140040	\$84.00	371140060	\$180.00	1"	1"	.4500	.4463	2	
1/2-16 UN											
Taperlock Plug 2B	301140510	301140520	\$93.00	301140540	\$198.00	3/4"	3/8"	.4594	.4655	2	
Taperlock Plug 3B	301140510	301140530	\$93.00	301140550	\$198.00	3/4"	3/8"	.4594	.4640	2	
Ring 2A	361140510	361140530	\$242.00	361140550	\$484.00	7/16"	7/16"	.4580	.4533	3T	
Ring 3A	361140520	361140540	\$242.00	361140560	\$484.00	7/16"	7/16"	.4594	.4559	3T	
Set Plug 2A	371140510	371140530	\$132.00	371140550	\$276.00	1"	1"	.4580	.4533	2	
Set Plug 3A	371140520	371140540	\$132.00	371140560	\$276.00	1"	1"	.4594	.4559	2	
1/2-20 UNF											
Taperlock Plug 2B	301141010	301141020	\$36.00	301141040	\$84.00	3/4"	3/8"	.4675	.4731	2	
Taperlock Plug 3B	301141010	301141030	\$36.00	301141050	\$84.00	3/4"	3/8"	.4675	.4717	2	
Reversible Plug 2B	311141010	311141020	\$55.00	311141040	\$129.00	1-3/8"	1-3/8"	.4675	.4731	5W	
Reversible Plug 3B	311141010	311141030	\$55.00	311141050	\$129.00	1-3/8"	1-3/8"	.4675	.4717	5W	
STI Plug 2B	321141010	321141020	\$56.00	321141040	\$124.00	7/8"	1/2"	.5325	.5371	3	
STI Plug 3B	321141010	321141030	\$56.00	321141050	\$124.00	7/8"	1/2"	.5325	.5357	3	
Ring 2A	361141010	361141030	\$112.00	361141050	\$224.00	7/16"	7/16"	.4662	.4619	3T	
Ring 3A	361141020	361141040	\$112.00	361141060	\$224.00	7/16"	7/16"	.4675	.4643	3T	
Set Plug 2A	371141010	371141030	\$84.00	371141050	\$180.00	1"	1"	.4662	.4619	2	
Set Plug 3A	371141020	371141040	\$84.00	371141060	\$180.00	1"	1"	.4675	.4643	2	
1/2-28 UNEF											
Taperlock Plug 2B	301142010	301142020	\$71.00	301142040	\$154.00	3/4"	3/8"	.4768	.4816	2	
Taperlock Plug 3B	301142010	301142030	\$71.00	301142050	\$154.00	3/4"	3/8"	.4768	.4804	2	
Reversible Plug 2B	311142010	311142020	\$81.00	311142040	\$181.00	1-3/8"	1-3/8"	.4768	.4816	5W	
Reversible Plug 3B	311142010	311142030	\$81.00	311142050	\$181.00	1-3/8"	1-3/8"	.4768	.4804	5W	
Ring 2A	361142010	361142030	\$140.00	361142050	\$280.00	7/16"	7/16"	.4757	.4720	3T	
Ring 3A	361142020	361142040	\$140.00	361142060	\$280.00	7/16"	7/16"	.4768	.4740	3T	
Set Plug 2A	371142010	371142030	\$127.00	371142050	\$266.00	1"	1"	.4757	.4720	2	
Set Plug 3A	371142020	371142040	\$127.00	371142060	\$266.00	1"	1"	.4768	.4740	2	

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	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo		
1/2-32 UN											
Taperlock Plug 2B	301143010	301143020	\$108.00	301143040	\$228.00	3/4"	3/8"	.4797	.4842	2	
Taperlock Plug 3B	301143010	301143030	\$108.00	301143050	\$228.00	3/4"	3/8"	.4797	.4831	2	
Ring 2A	361143010	361143030	\$277.00	361143050	\$554.00	7/16"	7/16"	.4787	.4752	3T	
Ring 3A	361143020	361143040	\$277.00	361143060	\$554.00	7/16"	7/16"	.4797	.4771	3T	
Set Plug 2A	371143010	371143030	\$153.00	371143050	\$318.00	1"	1"	.4787	.4752	2	
Set Plug 3A	371143020	371143040	\$153.00	371143060	\$318.00	1"	1"	.4797	.4771	2	
9/16-12 UNC											
Taperlock Plug 2B	301143510	301143520	\$48.00	301143540	\$108.00	7/8"	1/2"	.5084	.5152	3	
Taperlock Plug 3B	301143510	301143530	\$48.00	301143550	\$108.00	7/8"	1/2"	.5084	.5135	3	
Reversible Plug 2B	311143510	311143520	\$62.00	311143540	\$147.50	1-1/2"	1-3/8"	.5084	.5152	6W	
Reversible Plug 3B	311143510	311143530	\$62.00	311143550	\$147.50	1-1/2"	1-3/8"	.5084	.5135	6W	
STI Plug 2B	321143510	321143520	\$66.00	321143540	\$144.00	7/8"	1/2"	.6167	.6225	3	
STI Plug 3B	321143510	321143530	\$66.00	321143550	\$144.00	7/8"	1/2"	.6167	.6208	3	
Ring 2A	361143510	361143530	\$124.00	361143550	\$248.00	3/4"	9/16"	.5068	.5016	4T	
Ring 3A	361143520	361143540	\$124.00	361143560	\$248.00	3/4"	9/16"	.5084	.5045	4T	
Set Plug 2A	371143510	371143530	\$98.00	371143550	\$208.00	1-7/8"	1-1/4"	.5068	.5016	3	
Set Plug 3A	371143520	371143540	\$98.00	371143560	\$208.00	1-7/8"	1-1/4"	.5084	.5045	3	
9/16-16 UN											
Taperlock Plug 2B	301144010	301144020	\$93.00	301144040	\$198.00	7/8"	1/2"	.5219	.5280	3	
Taperlock Plug 3B	301144010	301144030	\$93.00	301144050	\$198.00	7/8"	1/2"	.5219	.5265	3	
Ring 2A	361144010	361144030	\$248.00	361144050	\$496.00	9/16"	9/16"	.5205	.5158	4T	
Ring 3A	361144020	361144040	\$248.00	361144060	\$496.00	9/16"	9/16"	.5219	.5184	4T	
Set Plug 2A	371144010	371144030	\$132.00	371144050	\$276.00	1-1/4"	1-1/4"	.5205	.5158	3	
Set Plug 3A	371144020	371144040	\$132.00	371144060	\$276.00	1-1/4"	1-1/4"	.5219	.5184	3	
9/16-18 UNF											
Taperlock Plug 2B	301144510	301144520	\$48.00	301144540	\$108.00	7/8"	1/2"	.5264	.5323	3	
Taperlock Plug 3B	301144510	301144530	\$48.00	301144550	\$108.00	7/8"	1/2"	.5264	.5308	3	
Reversible Plug 2B	311144510	311144520	\$62.00	311144540	\$147.50	1-1/2"	1-3/8"	.5264	.5323	6W	
Reversible Plug 3B	311144510	311144530	\$62.00	311144550	\$147.50	1-1/2"	1-3/8"	.5264	.5308	6W	
STI Plug 2B	321144510	321144520	\$66.00	321144540	\$144.00	7/8"	1/2"	.5986	.6035	3	
STI Plug 3B	321144510	321144530	\$66.00	321144550	\$144.00	7/8"	1/2"	.5986	.6020	3	
Ring 2A	361144510	361144530	\$124.00	361144550	\$248.00	9/16"	9/16"	.5250	.5205	4T	
Ring 3A	361144520	361144540	\$124.00	361144560	\$248.00	9/16"	9/16"	.5264	.5230	4T	
Set Plug 2A	371144510	371144530	\$98.00	371144550	\$208.00	1-1/4"	1-1/4"	.5250	.5205	3	
Set Plug 3A	371144520	371144540	\$98.00	371144560	\$208.00	1-1/4"	1-1/4"	.5264	.5230	3	
9/16-20 UN											
Taperlock Plug 2B	301145010	301145020	\$93.00	301145040	\$198.00	7/8"	1/2"	.5300	.5355	3	
Taperlock Plug 3B	301145010	301145030	\$93.00	301145050	\$198.00	7/8"	1/2"	.5300	.5341	3	
Ring 2A	361145010	361145030	\$248.00	361145050	\$496.00	9/16"	9/16"	.5287	.5245	4T	
Ring 3A	361145020	361145040	\$248.00	361145060	\$496.00	9/16"	9/16"	.5300	.5268	4T	
Set Plug 2A	371145010	371145030	\$132.00	371145050	\$276.00	1-1/4"	1-1/4"	.5287	.5245	3	
Set Plug 3A	371145020	371145040	\$132.00	371145060	\$276.00	1-1/4"	1-1/4"	.5300	.5268	3	
9/16-24 UNEF											
Taperlock Plug 2B	301145510	301145520	\$77.00	301145540	\$166.00	7/8"	1/2"	.5354	.5405	3	
Taperlock Plug 3B	301145510	301145530	\$77.00	301145550	\$166.00	7/8"	1/2"	.5354	.5392	3	
Reversible Plug 2B	311145510	311145520	\$110.00	311145540	\$243.50	1-1/2"	1-3/8"	.5354	.5405	6W	
Reversible Plug 3B	311145510	311145530	\$110.00	311145550	\$243.50	1-1/2"	1-3/8"	.5354	.5392	6W	
Ring 2A	361145510	361145530	\$147.00	361145550	\$294.00	9/16"	9/16"	.5342	.5303	4T	
Ring 3A	361145520	361145540	\$147.00	361145560	\$294.00	9/16"	9/16"	.5354	.5325	4T	
Set Plug 2A	371145510	371145530	\$143.00	371145550	\$298.00	1-1/4"	1-1/4"	.5342	.5303	3	
Set Plug 3A	371145520	371145540	\$143.00	371145560	\$298.00	1-1/4"	1-1/4"	.5354	.5325	3	

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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		
9/16-28 UN											
Taperlock Plug 2B	301146010	301146020	\$116.00	301146040	\$244.00	7/8"	1/2"	.5393	.5441	3	
Taperlock Plug 3B	301146010	301146030	\$116.00	301146050	\$244.00	7/8"	1/2"	.5393	.5429	3	
Ring 2A	361146010	361146030	\$279.00	361146050	\$558.00	9/16"	9/16"	.5382	.5345	4T	
Ring 3A	361146020	361146040	\$279.00	361146060	\$558.00	9/16"	9/16"	.5393	.5365	4T	
Set Plug 2A	371146010	371146030	\$165.00	371146050	\$342.00	1-1/4"	1-1/4"	.5382	.5345	3	
Set Plug 3A	371146020	371146040	\$165.00	371146060	\$342.00	1-1/4"	1-1/4"	.5393	.5365	3	
9/16-32 UN											
Taperlock Plug 2B	301146510	301146520	\$116.00	301146540	\$244.00	7/8"	1/2"	.5422	.5467	3	
Taperlock Plug 3B	301146510	301146530	\$116.00	301146550	\$244.00	7/8"	1/2"	.5422	.5456	3	
Ring 2A	361146510	361146530	\$279.00	361146550	\$558.00	9/16"	9/16"	.5412	.5377	4T	
Ring 3A	361146520	361146540	\$279.00	361146560	\$558.00	9/16"	9/16"	.5422	.5396	4T	
Set Plug 2A	371146510	371146530	\$165.00	371146550	\$342.00	1-1/4"	1-1/4"	.5412	.5377	3	
Set Plug 3A	371146520	371146540	\$165.00	371146560	\$342.00	1-1/4"	1-1/4"	.5422	.5396	3	
5/8-11 UNC											
Taperlock Plug 2B	301147010	301147020	\$49.00	301147040	\$110.00	7/8"	1/2"	.5660	.5732	3	
Taperlock Plug 3B	301147010	301147030	\$49.00	301147050	\$110.00	7/8"	1/2"	.5660	.5714	3	
Reversible Plug 2B	311147010	311147020	\$63.00	311147040	\$149.50	1-1/2"	1-3/8"	.5660	.5732	6W	
Reversible Plug 3B	311147010	311147030	\$63.00	311147050	\$149.50	1-1/2"	1-3/8"	.5660	.5714	6W	
STI Plug 2B	321147010	321147020	\$67.00	321147040	\$146.00	7/8"	1/2"	.6841	.6903	3	
STI Plug 3B	321147010	321147030	\$67.00	321147050	\$146.00	7/8"	1/2"	.6841	.6885	3	
Ring 2A	361147010	361147030	\$125.00	361147050	\$250.00	3/4"	9/16"	.5644	.5589	4T	
Ring 3A	361147020	361147040	\$125.00	361147060	\$250.00	3/4"	9/16"	.5660	.5619	4T	
Set Plug 2A	371147010	371147030	\$99.00	371147050	\$210.00	1-7/8"	1-1/4"	.5644	.5589	3	
Set Plug 3A	371147020	371147040	\$99.00	371147060	\$210.00	1-7/8"	1-1/4"	.5660	.5619	3	
5/8-12 UN											
Taperlock Plug 2B	301147310	301147320	\$97.00	301147340	\$206.00	7/8"	1/2"	.5709	.5780	3	
Taperlock Plug 3B	301147310	301147330	\$97.00	301147350	\$206.00	7/8"	1/2"	.5709	.5762	3	
Ring 2A	361147310	361147330	\$251.00	361147350	\$502.00	9/16"	9/16"	.5693	.5639	4T	
Ring 3A	361147320	361147340	\$251.00	361147360	\$502.00	9/16"	9/16"	.5709	.5668	4T	
Set Plug 2A	371147310	371147330	\$139.00	371147350	\$290.00	1-1/4"	1-1/4"	.5693	.5639	3	
Set Plug 3A	371147320	371147340	\$139.00	371147360	\$290.00	1-1/4"	1-1/4"	.5709	.5668	3	
5/8-16 UN											
Taperlock Plug 2B	301147710	301147720	\$97.00	301147740	\$206.00	7/8"	1/2"	.5844	.5906	3	
Taperlock Plug 3B	301147710	301147730	\$97.00	301147750	\$206.00	7/8"	1/2"	.5844	.5890	3	
Ring 2A	361147710	361147730	\$251.00	361147750	\$502.00	9/16"	9/16"	.5830	.5782	4T	
Ring 3A	361147720	361147740	\$251.00	361147760	\$502.00	9/16"	9/16"	.5844	.5808	4T	
Set Plug 2A	371147710	371147730	\$139.00	371147750	\$290.00	1-1/4"	1-1/4"	.5830	.5782	3	
Set Plug 3A	371147720	371147740	\$139.00	371147760	\$290.00	1-1/4"	1-1/4"	.5844	.5808	3	
5/8-18 UNF											
Taperlock Plug 2B	301148010	301148020	\$49.00	301148040	\$110.00	7/8"	1/2"	.5889	.5949	3	
Taperlock Plug 3B	301148010	301148030	\$49.00	301148050	\$110.00	7/8"	1/2"	.5889	.5934	3	
Reversible Plug 2B	311148010	311148020	\$63.00	311148040	\$149.50	1-1/2"	1-3/8"	.5889	.5949	6W	
Reversible Plug 3B	311148010	311148030	\$63.00	311148050	\$149.50	1-1/2"	1-3/8"	.5889	.5934	6W	
STI Plug 2B	321148010	321148020	\$67.00	321148040	\$146.00	7/8"	1/2"	.6611	.6661	3	
STI Plug 3B	321148010	321148030	\$67.00	321148050	\$146.00	7/8"	1/2"	.6611	.6646	3	
Ring 2A	361148010	361148030	\$125.00	361148050	\$250.00	9/16"	9/16"	.5875	.5828	4T	
Ring 3A	361148020	361148040	\$125.00	361148060	\$250.00	9/16"	9/16"	.5889	.5854	4T	
Set Plug 2A	371148010	371148030	\$99.00	371148050	\$210.00	1-1/4"	1-1/4"	.5875	.5828	3	
Set Plug 3A	371148020	371148040	\$99.00	371148060	\$210.00	1-1/4"	1-1/4"	.5889	.5854	3	