

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		
3-48 UNC											
Taperlock Plug 2B	301107510	301107520	\$43.00	301107540	\$99.00	1/4"	3/16"	.0855	.0885	000	
Taperlock Plug 3B	301107510	301107530	\$43.00	301107550	\$99.00	1/4"	3/16"	.0855	.0877	000	
Reversible Plug 2B	311107510	311107520	\$62.00	311107540	\$138.50	5/8"	5/8"	.0855	.0885	2W	
Reversible Plug 3B	311107510	311107530	\$62.00	311107550	\$138.50	5/8"	5/8"	.0855	.0877	2W	
STI Plug 2B	321107510	321107520	\$58.00	321107540	\$129.00	5/16"	7/32"	.1126	.1148	00	
STI Plug 3B	321107510	321107530	\$58.00	321107550	\$129.00	5/16"	7/32"	.1126	.1140	00	
Ring 2A	361107510	361107530	\$121.00	361107550	\$242.00	5/32"	5/32"	.0848	.0825	1T	
Ring 3A	361107520	361107540	\$121.00	361107560	\$242.00	5/32"	5/32"	.0855	.0838	1T	
Set Plug 2A	371107510	371107530	\$90.00	371107550	\$193.00	3/8"	3/8"	.0848	.0825	000	
Set Plug 3A	371107520	371107540	\$90.00	371107560	\$193.00	3/8"	3/8"	.0855	.0838	000	
3-56 UNF											
Taperlock Plug 2B	301108510	301108520	\$43.00	301108540	\$99.00	1/4"	3/16"	.0874	.0902	000	
Taperlock Plug 3B	301108510	301108530	\$43.00	301108550	\$99.00	1/4"	3/16"	.0874	.0895	000	
Reversible Plug 2B	311108510	311108520	\$62.00	311108540	\$138.50	5/8"	5/8"	.0874	.0902	2W	
Reversible Plug 3B	311108510	311108530	\$62.00	311108550	\$138.50	5/8"	5/8"	.0874	.0895	2W	
STI Plug 2B	321108510	321108520	\$58.00	321108540	\$128.00	5/16"	7/32"	.1106	.1126	00	
STI Plug 3B	321108510	321108530	\$58.00	321108550	\$128.00	5/16"	7/32"	.1106	.1119	00	
Ring 2A	361108510	361108530	\$121.00	361108550	\$242.00	5/32"	5/32"	.0867	.0845	1T	
Ring 3A	361108520	361108540	\$121.00	361108560	\$242.00	5/32"	5/32"	.0874	.0858	1T	
Set Plug 2A	371108510	371108530	\$90.00	371108550	\$193.00	3/8"	3/8"	.0867	.0845	000	
Set Plug 3A	371108520	371108540	\$90.00	371108560	\$193.00	3/8"	3/8"	.0874	.0858	000	
4-40 UNC											
Taperlock Plug 2B	301110010	301110020	\$43.00	301110040	\$98.00	5/16"	7/32"	.0958	.0991	00	
Taperlock Plug 3B	301110010	301110030	\$43.00	301110050	\$98.00	5/16"	7/32"	.0958	.0982	00	
Reversible Plug 2B	311110010	311110020	\$62.00	311110040	\$138.50	5/8"	5/8"	.0958	.0991	2W	
Reversible Plug 3B	311110010	311110030	\$62.00	311110050	\$138.50	5/8"	5/8"	.0958	.0982	2W	
STI Plug 2B	321110010	321110020	\$52.00	321110040	\$116.00	5/16"	7/32"	.1283	.1308	00	
STI Plug 3B	321110010	321110030	\$52.00	321110050	\$116.00	5/16"	7/32"	.1283	.1299	00	
Ring 2A	361110010	361110030	\$108.00	361110050	\$216.00	5/32"	5/32"	.0950	.0925	1T	
Ring 3A	361110020	361110040	\$108.00	361110060	\$216.00	5/32"	5/32"	.0958	.0939	1T	
Set Plug 2A	371110010	371110030	\$90.00	371110050	\$192.00	3/8"	3/8"	.0950	.0925	00	
Set Plug 3A	371110020	371110040	\$90.00	371110060	\$192.00	3/8"	3/8"	.0958	.0939	00	
4-48 UNF											
Taperlock Plug 2B	301111010	301111020	\$43.00	301111040	\$98.00	5/16"	7/32"	.0985	.1016	00	
Taperlock Plug 3B	301111010	301111030	\$43.00	301111050	\$98.00	5/16"	7/32"	.0985	.1008	00	
Reversible Plug 2B	311111010	311111020	\$62.00	311111040	\$138.50	5/8"	5/8"	.0985	.1016	2W	
Reversible Plug 3B	311111010	311111030	\$62.00	311111050	\$138.50	5/8"	5/8"	.0985	.1008	2W	
STI Plug 2B	321111010	321111020	\$52.00	321111040	\$116.00	5/16"	7/32"	.1256	.1279	00	
STI Plug 3B	321111010	321111030	\$52.00	321111050	\$116.00	5/16"	7/32"	.1256	.1271	00	
Ring 2A	361111010	361111030	\$108.00	361111050	\$216.00	5/32"	5/32"	.0978	.0954	1T	
Ring 3A	361111020	361111040	\$108.00	361111060	\$216.00	5/32"	5/32"	.0985	.0967	1T	
Set Plug 2A	371111010	371111030	\$90.00	371111050	\$192.00	3/8"	3/8"	.0978	.0954	00	
Set Plug 3A	371111020	371111040	\$90.00	371111060	\$192.00	3/8"	3/8"	.0985	.0967	00	
5-40 UNC											
Taperlock Plug 2B	301112510	301112520	\$36.00	301112540	\$84.00	5/16"	7/32"	.1088	.1121	00	
Taperlock Plug 3B	301112510	301112530	\$36.00	301112550	\$84.00	5/16"	7/32"	.1088	.1113	00	
Reversible Plug 2B	311112510	311112520	\$52.00	311112540	\$118.50	5/8"	5/8"	.1088	.1121	2W	
Reversible Plug 3B	311112510	311112530	\$52.00	311112550	\$118.50	5/8"	5/8"	.1088	.1113	2W	
STI Plug 2B	321112510	321112520	\$52.00	321112540	\$116.00	13/32"	9/32"	.1413	.1438	0	
STI Plug 3B	321112510	321112530	\$52.00	321112550	\$116.00	13/32"	9/32"	.1413	.1430	0	
Ring 2A	361112510	361112530	\$98.00	361112550	\$196.00	5/32"	5/32"	.1080	.1054	1T	
Ring 3A	361112520	361112540	\$98.00	361112560	\$196.00	5/32"	5/32"	.1088	.1069	1T	
Set Plug 2A	371112510	371112530	\$82.00	371112550	\$176.00	3/8"	3/8"	.1080	.1054	00	
Set Plug 3A	371112520	371112540	\$82.00	371112560	\$176.00	3/8"	3/8"	.1088	.1069	00	

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INCH	Order No.		Price	Order No.		Price	Gage Length		Pitch Diameters		Handle
	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo		
5-44 UNF											
Taperlock Plug 2B	301113510	301113520	\$36.00	301113540	\$84.00	5/16"	7/32"	.1102	.1134	00	
Taperlock Plug 3B	301113510	301113530	\$36.00	301113550	\$84.00	5/16"	7/32"	.1102	.1126	00	
Reversible Plug 2B	311113510	311113520	\$52.00	311113540	\$118.50	5/8"	5/8"	.1102	.1134	2W	
Reversible Plug 3B	311113510	311113530	\$52.00	311113550	\$118.50	5/8"	5/8"	.1102	.1126	2W	
Ring 2A	361113510	361113530	\$98.00	361113550	\$196.00	5/32"	5/32"	.1095	.1070	1T	
Ring 3A	361113520	361113540	\$98.00	361113560	\$196.00	5/32"	5/32"	.1102	.1083	1T	
Set Plug 2A	371113510	371113530	\$82.00	371113550	\$176.00	3/8"	3/8"	.1095	.1070	00	
Set Plug 3A	371113520	371113540	\$82.00	371113560	\$176.00	3/8"	3/8"	.1102	.1083	00	
6-32 UNC											
Taperlock Plug 2B	301115010	301115020	\$36.00	301115040	\$84.00	5/16"	7/32"	.1177	.1214	00	
Taperlock Plug 3B	301115010	301115030	\$36.00	301115050	\$84.00	5/16"	7/32"	.1177	.1204	00	
Reversible Plug 2B	311115010	311115020	\$52.00	311115040	\$118.50	3/4"	3/4"	.1177	.1214	2W	
Reversible Plug 3B	311115010	311115030	\$52.00	311115050	\$118.50	3/4"	3/4"	.1177	.1204	2W	
STI Plug 2B	321115010	321115020	\$52.00	321115040	\$116.00	13/32"	9/32"	.1583	.1611	0	
STI Plug 3B	321115010	321115030	\$52.00	321115050	\$116.00	13/32"	9/32"	.1583	.1601	0	
Ring 2A	361115010	361115030	\$98.00	361115050	\$196.00	5/32"	5/32"	.1169	.1141	1T	
Ring 3A	361115020	361115040	\$98.00	361115060	\$196.00	5/32"	5/32"	.1177	.1156	1T	
Set Plug 2A	371115010	371115030	\$82.00	371115050	\$176.00	3/8"	3/8"	.1169	.1141	00	
Set Plug 3A	371115020	371115040	\$82.00	371115060	\$176.00	3/8"	3/8"	.1177	.1156	00	
6-40 UNF											
Taperlock Plug 2B	301116010	301116020	\$36.00	301116040	\$84.00	5/16"	7/32"	.1218	.1252	00	
Taperlock Plug 3B	301116010	301116030	\$36.00	301116050	\$84.00	5/16"	7/32"	.1218	.1243	00	
Reversible Plug 2B	311116010	311116020	\$52.00	311116040	\$118.50	3/4"	3/4"	.1218	.1252	2W	
Reversible Plug 3B	311116010	311116030	\$52.00	311116050	\$118.50	3/4"	3/4"	.1218	.1243	2W	
STI Plug 2B	321116010	321116020	\$52.00	321116040	\$116.00	13/32"	9/32"	.1543	.1569	0	
STI Plug 3B	321116010	321116030	\$52.00	321116050	\$116.00	13/32"	9/32"	.1543	.1560	0	
Ring 2A	361116010	361116030	\$98.00	361116050	\$196.00	5/32"	5/32"	.1210	.1184	1T	
Ring 3A	361116020	361116040	\$98.00	361116060	\$196.00	5/32"	5/32"	.1218	.1198	1T	
Set Plug 2A	371116010	371116030	\$82.00	371116050	\$176.00	3/8"	3/8"	.1210	.1184	00	
Set Plug 3A	371116020	371116040	\$82.00	371116060	\$176.00	3/8"	3/8"	.1218	.1198	00	
8-32 UNC											
Taperlock Plug 2B	301117510	301117520	\$36.00	301117540	\$84.00	13/32"	9/32"	.1437	.1475	0	
Taperlock Plug 3B	301117510	301117530	\$36.00	301117550	\$84.00	13/32"	9/32"	.1437	.1465	0	
Reversible Plug 2B	311117510	311117520	\$52.00	311117540	\$118.50	3/4"	3/4"	.1437	.1475	2W	
Reversible Plug 3B	311117510	311117530	\$52.00	311117550	\$118.50	3/4"	3/4"	.1437	.1465	2W	
STI Plug 2B	321117510	321117520	\$51.00	321117540	\$114.00	13/32"	9/32"	.1843	.1872	0	
STI Plug 3B	321117510	321117530	\$51.00	321117550	\$114.00	13/32"	9/32"	.1843	.1862	0	
Ring 2A	361117510	361117530	\$98.00	361117550	\$196.00	3/16"	3/16"	.1428	.1399	1T	
Ring 3A	361117520	361117540	\$98.00	361117560	\$196.00	3/16"	3/16"	.1437	.1415	1T	
Set Plug 2A	371117510	371117530	\$82.00	371117550	\$176.00	13/32"	13/32"	.1428	.1399	0	
Set Plug 3A	371117520	371117540	\$82.00	371117560	\$176.00	13/32"	13/32"	.1437	.1415	0	
8-36 UNF											
Taperlock Plug 2B	301118510	301118520	\$36.00	301118540	\$84.00	13/32"	9/32"	.1460	.1496	0	
Taperlock Plug 3B	301118510	301118530	\$36.00	301118550	\$84.00	13/32"	9/32"	.1460	.1487	0	
Reversible Plug 2B	311118510	311118520	\$52.00	311118540	\$118.50	3/4"	3/4"	.1460	.1496	2W	
Reversible Plug 3B	311118510	311118530	\$52.00	311118550	\$118.50	3/4"	3/4"	.1460	.1487	2W	
STI Plug 2B	321118510	321118520	\$51.00	321118540	\$114.00	13/32"	9/32"	.1821	.1849	0	
STI Plug 3B	321118510	321118530	\$51.00	321118550	\$114.00	13/32"	9/32"	.1821	.1840	0	
Ring 2A	361118510	361118530	\$98.00	361118550	\$196.00	3/16"	3/16"	.1452	.1424	1T	
Ring 3A	361118520	361118540	\$98.00	361118560	\$196.00	3/16"	3/16"	.1460	.1439	1T	
Set Plug 2A	371118510	371118530	\$82.00	371118550	\$176.00	13/32"	13/32"	.1452	.1424	0	
Set Plug 3A	371118520	371118540	\$82.00	371118560	\$176.00	13/32"	13/32"	.1460	.1439	0	

Standard Thread Gages

INCH	Order No.		Price	Order No.		Price	Gage Length		Pitch Diameters		Handle
	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo		
10-24 UNC											
Taperlock Plug 2B	301120010	301120020	\$36.00	301120040	\$84.00	13/32"	9/32"	.1629	.1672	0	
Taperlock Plug 3B	301120010	301120030	\$36.00	301120050	\$84.00	13/32"	9/32"	.1629	.1661	0	
Reversible Plug 2B	311120010	311120020	\$52.00	311120040	\$120.00	7/8"	7/8"	.1629	.1672	3W	
Reversible Plug 3B	311120010	311120030	\$52.00	311120050	\$120.00	7/8"	7/8"	.1629	.1661	3W	
STI Plug 2B	321120010	321120020	\$51.00	321120040	\$114.00	13/32"	9/32"	.2170	.2203	0	
STI Plug 3B	321120010	321120030	\$51.00	321120050	\$114.00	13/32"	9/32"	.2170	.2192	0	
Ring 2A	361120010	361120030	\$98.00	361120050	\$196.00	3/16"	3/16"	.1619	.1586	1T	
Ring 3A	361120020	361120040	\$98.00	361120060	\$196.00	3/16"	3/16"	.1629	.1604	1T	
Set Plug 2A	371120010	371120030	\$82.00	371120050	\$176.00	13/32"	13/32"	.1619	.1586	0	
Set Plug 3A	371120020	371120040	\$82.00	371120060	\$176.00	13/32"	13/32"	.1629	.1604	0	
10-32 UNF											
Taperlock Plug 2B	301121010	301121020	\$36.00	301121040	\$84.00	13/32"	9/32"	.1697	.1736	0	
Taperlock Plug 3B	301121010	301121030	\$36.00	301121050	\$84.00	13/32"	9/32"	.1697	.1726	0	
Reversible Plug 2B	311121010	311121020	\$52.00	311121040	\$120.00	7/8"	7/8"	.1697	.1736	3W	
Reversible Plug 3B	311121010	311121030	\$52.00	311121050	\$120.00	7/8"	7/8"	.1697	.1726	3W	
STI Plug 2B	321121010	321121020	\$51.00	321121040	\$114.00	13/32"	9/32"	.2103	.2133	0	
STI Plug 3B	321121010	321121030	\$51.00	321121050	\$114.00	13/32"	9/32"	.2103	.2123	0	
Ring 2A	361121010	361121030	\$98.00	361121050	\$196.00	3/16"	3/16"	.1688	.1658	1T	
Ring 3A	361121020	361121040	\$98.00	361121060	\$196.00	3/16"	3/16"	.1697	.1674	1T	
Set Plug 2A	371121010	371121030	\$82.00	371121050	\$176.00	13/32"	13/32"	.1688	.1658	0	
Set Plug 3A	371121020	371121040	\$82.00	371121060	\$176.00	13/32"	13/32"	.1697	.1674	0	
12-24 UNC											
Taperlock Plug 2B	301122510	301122520	\$36.00	301122540	\$84.00	13/32"	9/32"	.1889	.1933	0	
Taperlock Plug 3B	301122510	301122530	\$36.00	301122550	\$84.00	13/32"	9/32"	.1889	.1922	0	
Reversible Plug 2B	311122510	311122520	\$52.00	311122540	\$120.00	7/8"	7/8"	.1889	.1933	3W	
Reversible Plug 3B	311122510	311122530	\$52.00	311122550	\$120.00	7/8"	7/8"	.1889	.1922	3W	
STI Plug 2B	321122510	321122520	\$51.00	321122540	\$114.00	1/2"	5/16"	.2430	.2464	1	
STI Plug 3B	321122510	321122530	\$51.00	321122550	\$114.00	1/2"	5/16"	.2430	.2453	1	
Ring 2A	361122510	361122530	\$98.00	361122550	\$196.00	3/16"	3/16"	.1879	.1845	1T	
Ring 3A	361122520	361122540	\$98.00	361122560	\$196.00	3/16"	3/16"	.1889	.1863	1T	
Set Plug 2A	371122510	371122530	\$86.00	371122550	\$184.00	13/32"	13/32"	.1879	.1845	0	
Set Plug 3A	371122520	371122540	\$86.00	371122560	\$184.00	13/32"	13/32"	.1889	.1863	0	
12-28 UNF											
Taperlock Plug 2B	301123510	301123520	\$36.00	301123540	\$84.00	13/32"	9/32"	.1928	.1970	0	
Taperlock Plug 3B	301123510	301123530	\$36.00	301123550	\$84.00	13/32"	9/32"	.1928	.1959	0	
Reversible Plug 2B	311123510	311123520	\$52.00	311123540	\$120.00	7/8"	7/8"	.1928	.1970	3W	
Reversible Plug 3B	311123510	311123530	\$52.00	311123550	\$120.00	7/8"	7/8"	.1928	.1959	3W	
Ring 2A	361123510	361123530	\$98.00	361123550	\$196.00	3/16"	3/16"	.1918	.1886	1T	
Ring 3A	361123520	361123540	\$98.00	361123560	\$196.00	3/16"	3/16"	.1928	.1904	1T	
Set Plug 2A	371123510	371123530	\$86.00	371123550	\$184.00	13/32"	13/32"	.1918	.1886	0	
Set Plug 3A	371123520	371123540	\$86.00	371123560	\$184.00	13/32"	13/32"	.1928	.1904	0	
12-32 UNEF											
Taperlock Plug 2B	301124510	301124520	\$47.00	301124540	\$106.00	13/32"	9/32"	.1957	.1998	0	
Taperlock Plug 3B	301124510	301124530	\$47.00	301124550	\$106.00	13/32"	9/32"	.1957	.1988	0	
Reversible Plug 2B	311124510	311124520	\$65.00	311124540	\$146.00	7/8"	7/8"	.1957	.1998	3W	
Reversible Plug 3B	311124510	311124530	\$65.00	311124550	\$146.00	7/8"	7/8"	.1957	.1988	3W	
Ring 2A	361124510	361124530	\$127.00	361124550	\$254.00	3/16"	3/16"	.1948	.1917	1T	
Ring 3A	361124520	361124540	\$127.00	361124560	\$254.00	3/16"	3/16"	.1957	.1933	1T	
Set Plug 2A	371124510	371124530	\$104.00	371124550	\$220.00	13/32"	13/32"	.1948	.1917	0	
Set Plug 3A	371124520	371124540	\$104.00	371124560	\$220.00	13/32"	13/32"	.1957	.1933	0	