

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 1/16-16 UN											
Taperlock Plug 2B	301167010	301167020	\$116.00	301167040	\$245.00	1"	5/8"	1.0219	1.0284	4	
Taperlock Plug 3B	301167010	301167030	\$116.00	301167050	\$245.00	1"	5/8"	1.0219	1.0268	4	
Ring 2A	361167010	361167030	\$272.00	361167050	\$544.00	11/16"	11/16"	1.0204	1.0154	5T	
Ring 3A	361167020	361167040	\$272.00	361167060	\$544.00	11/16"	11/16"	1.0219	1.0182	5T	
Set Plug 2A	371167010	371167030	\$165.00	371167050	\$343.00	1-1/2"	1-1/2"	1.0204	1.0154	4	
Set Plug 3A	371167020	371167040	\$165.00	371167060	\$343.00	1-1/2"	1-1/2"	1.0219	1.0182	4	
1 1/16-18 UNEF											
Taperlock Plug 2B	301167510	301167520	\$98.00	301167540	\$209.00	1"	5/8"	1.0264	1.0326	4	
Taperlock Plug 3B	301167510	301167530	\$98.00	301167550	\$209.00	1"	5/8"	1.0264	1.0310	4	
Ring 2A	361167510	361167530	\$244.00	361167550	\$488.00	11/16"	11/16"	1.0250	1.0203	5T	
Ring 3A	361167520	361167540	\$244.00	361167560	\$488.00	11/16"	11/16"	1.0264	1.0228	5T	
Set Plug 2A	371167510	371167530	\$173.00	371167550	\$359.00	1-1/2"	1-1/2"	1.0250	1.0203	4	
Set Plug 3A	371167520	371167540	\$173.00	371167560	\$359.00	1-1/2"	1-1/2"	1.0264	1.0228	4	
1 1/16-20 UN											
Taperlock Plug 2B	301168010	301168020	\$124.00	301168040	\$261.00	1"	5/8"	1.0300	1.0359	4	
Taperlock Plug 3B	301168010	301168030	\$124.00	301168050	\$261.00	1"	5/8"	1.0300	1.0344	4	
Ring 2A	361168010	361168030	\$291.00	361168050	\$582.00	11/16"	11/16"	1.0286	1.0241	5T	
Ring 3A	361168020	361168040	\$291.00	361168060	\$582.00	11/16"	11/16"	1.0300	1.0266	5T	
Set Plug 2A	371168010	371168030	\$175.00	371168050	\$363.00	1-1/2"	1-1/2"	1.0286	1.0241	4	
Set Plug 3A	371168020	371168040	\$175.00	371168060	\$363.00	1-1/2"	1-1/2"	1.0300	1.0266	4	
1 1/16-28 UN											
Taperlock Plug 2B	301168510	301168520	\$146.00	301168540	\$305.00	1"	5/8"	1.0393	1.0445	4	
Taperlock Plug 3B	301168510	301168530	\$146.00	301168550	\$305.00	1"	5/8"	1.0393	1.0432	4	
Ring 2A	361168510	361168530	\$389.00	361168550	\$778.00	11/16"	11/16"	1.0381	1.0341	5T	
Ring 3A	361168520	361168540	\$389.00	361168560	\$778.00	11/16"	11/16"	1.0393	1.0363	5T	
Set Plug 2A	371168510	371168530	\$207.00	371168550	\$427.00	1-1/2"	1-1/2"	1.0381	1.0341	4	
Set Plug 3A	371168520	371168540	\$207.00	371168560	\$427.00	1-1/2"	1-1/2"	1.0393	1.0363	4	
1 1/8-7 UNC											
Taperlock Plug 2B	301169010	301169020	\$82.00	301169040	\$177.00	1"	5/8"	1.0322	1.0416	4	
Taperlock Plug 3B	301169010	301169030	\$82.00	301169050	\$177.00	1"	5/8"	1.0322	1.0393	4	
Ring 2A	361169010	361169030	\$242.00	361169050	\$484.00	15/16"	11/16"	1.0300	1.0228	5T	
Ring 3A	361169020	361169040	\$242.00	361169060	\$484.00	15/16"	11/16"	1.0322	1.0268	5T	
Set Plug 2A	371169010	371169030	\$163.00	371169050	\$339.00	2-1/8"	1-1/2"	1.0300	1.0228	4	
Set Plug 3A	371169020	371169040	\$163.00	371169060	\$339.00	2-1/8"	1-1/2"	1.0322	1.0268	4	
1 1/8-8 UN											
Taperlock Plug 2B	301169510	301169520	\$116.00	301169540	\$245.00	1"	5/8"	1.0438	1.0528	4	
Taperlock Plug 3B	301169510	301169530	\$116.00	301169550	\$245.00	1"	5/8"	1.0438	1.0505	4	
Ring 2A	361169510	361169530	\$272.00	361169550	\$544.00	15/16"	11/16"	1.0417	1.0348	5T	
Ring 3A	361169520	361169540	\$272.00	361169560	\$544.00	15/16"	11/16"	1.0438	1.0386	5T	
Set Plug 2A	371169510	371169530	\$165.00	371169550	\$343.00	2-1/8"	1-1/2"	1.0417	1.0348	4	
Set Plug 3A	371169520	371169540	\$165.00	371169560	\$343.00	2-1/8"	1-1/2"	1.0438	1.0386	4	
1 1/8-12 UNF											
Taperlock Plug 2B	301170010	301170020	\$82.00	301170040	\$177.00	1"	5/8"	1.0709	1.0787	4	
Taperlock Plug 3B	301170010	301170030	\$82.00	301170050	\$177.00	1"	5/8"	1.0709	1.0768	4	
Ring 2A	361170010	361170030	\$242.00	361170050	\$484.00	11/16"	11/16"	1.0691	1.0631	5T	
Ring 3A	361170020	361170040	\$242.00	361170060	\$484.00	11/16"	11/16"	1.0709	1.0664	5T	
Set Plug 2A	371170010	371170030	\$163.00	371170050	\$339.00	1-1/2"	1-1/2"	1.0691	1.0631	4	
Set Plug 3A	371170020	371170040	\$163.00	371170060	\$339.00	1-1/2"	1-1/2"	1.0709	1.0664	4	
1 1/8-16 UN											
Taperlock Plug 2B	301170510	301170520	\$116.00	301170540	\$245.00	1"	5/8"	1.0844	1.0909	4	
Taperlock Plug 3B	301170510	301170530	\$116.00	301170550	\$245.00	1"	5/8"	1.0844	1.0893	4	
Ring 2A	361170510	361170530	\$272.00	361170550	\$544.00	11/16"	11/16"	1.0829	1.0779	5T	
Ring 3A	361170520	361170540	\$272.00	361170560	\$544.00	11/16"	11/16"	1.0844	1.0807	5T	
Set Plug 2A	371170510	371170530	\$165.00	371170550	\$343.00	1-1/2"	1-1/2"	1.0829	1.0779	4	
Set Plug 3A	371170520	371170540	\$165.00	371170560	\$343.00	1-1/2"	1-1/2"	1.0844	1.0807	4	

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 1/8-18 UNEF											
Taperlock Plug 2B	301171010	301171020	\$101.00	301171040	\$215.00	1"	5/8"	1.0889	1.0951	4	
Taperlock Plug 3B	301171010	301171030	\$101.00	301171050	\$215.00	1"	5/8"	1.0889	1.0935	4	
Ring 2A	361171010	361171030	\$257.00	361171050	\$514.00	11/16"	11/16"	1.0875	1.0828	5T	
Ring 3A	361171020	361171040	\$257.00	361171060	\$514.00	11/16"	11/16"	1.0889	1.0853	5T	
Set Plug 2A	371171010	371171030	\$173.00	371171050	\$359.00	1-1/2"	1-1/2"	1.0875	1.0828	4	
Set Plug 3A	371171020	371171040	\$173.00	371171060	\$359.00	1-1/2"	1-1/2"	1.0889	1.0853	4	
1 1/8-20 UN											
Taperlock Plug 2B	301171310	301171320	\$124.00	301171340	\$261.00	1"	5/8"	1.0925	1.0984	4	
Taperlock Plug 3B	301171310	301171330	\$124.00	301171350	\$261.00	1"	5/8"	1.0925	1.0969	4	
Ring 2A	361171310	361171330	\$291.00	361171350	\$582.00	11/16"	11/16"	1.0911	1.0866	5T	
Ring 3A	361171320	361171340	\$291.00	361171360	\$582.00	11/16"	11/16"	1.0925	1.0891	5T	
Set Plug 2A	371171310	371171330	\$175.00	371171350	\$363.00	1-1/2"	1-1/2"	1.0911	1.0866	4	
Set Plug 3A	371171320	371171340	\$175.00	371171360	\$363.00	1-1/2"	1-1/2"	1.0925	1.0891	4	
1 1/8-28 UN											
Taperlock Plug 2B	301171510	301171520	\$146.00	301171540	\$305.00	1"	5/8"	1.1018	1.1070	4	
Taperlock Plug 3B	301171510	301171530	\$146.00	301171550	\$305.00	1"	5/8"	1.1018	1.1057	4	
Ring 2A	361171510	361171530	\$389.00	361171550	\$778.00	11/16"	11/16"	1.1006	1.0966	5T	
Ring 3A	361171520	361171540	\$389.00	361171560	\$778.00	11/16"	11/16"	1.1018	1.0988	5T	
Set Plug 2A	371171510	371171530	\$207.00	371171550	\$427.00	1-1/2"	1-1/2"	1.1006	1.0966	4	
Set Plug 3A	371171520	371171540	\$207.00	371171560	\$427.00	1-1/2"	1-1/2"	1.1018	1.0988	4	
1 3/16-8 UN											
Taperlock Plug 2B	301172010	301172020	\$116.00	301172040	\$246.00	1-1/4"	3/4"	1.1063	1.1154	5	
Taperlock Plug 3B	301172010	301172030	\$116.00	301172050	\$246.00	1-1/4"	3/4"	1.1063	1.1131	5	
Ring 2A	361172010	361172030	\$291.00	361172050	\$582.00	1-1/8"	3/4"	1.1042	1.0972	6T	
Ring 3A	361172020	361172040	\$291.00	361172060	\$582.00	1-1/8"	3/4"	1.1063	1.1011	6T	
Set Plug 2A	371172010	371172030	\$165.00	371172050	\$344.00	2-3/8"	1-5/8"	1.1042	1.0972	5	
Set Plug 3A	371172020	371172040	\$165.00	371172060	\$344.00	2-3/8"	1-5/8"	1.1063	1.1011	5	
1 3/16-12 UN											
Taperlock Plug 2B	301172510	301172520	\$116.00	301172540	\$246.00	1"	3/4"	1.1334	1.1409	5	
Taperlock Plug 3B	301172510	301172530	\$116.00	301172550	\$246.00	1"	3/4"	1.1334	1.1390	5	
Ring 2A	361172510	361172530	\$291.00	361172550	\$582.00	3/4"	3/4"	1.1317	1.1259	6T	
Ring 3A	361172520	361172540	\$291.00	361172560	\$582.00	3/4"	3/4"	1.1334	1.1291	6T	
Set Plug 2A	371172510	371172530	\$165.00	371172550	\$344.00	1-5/8"	1-5/8"	1.1317	1.1259	5	
Set Plug 3A	371172520	371172540	\$165.00	371172560	\$344.00	1-5/8"	1-5/8"	1.1334	1.1291	5	
1 3/16-16 UN											
Taperlock Plug 2B	301173010	301173020	\$116.00	301173040	\$246.00	1"	3/4"	1.1469	1.1535	5	
Taperlock Plug 3B	301173010	301173030	\$116.00	301173050	\$246.00	1"	3/4"	1.1469	1.1519	5	
Ring 2A	361173010	361173030	\$291.00	361173050	\$582.00	3/4"	3/4"	1.1454	1.1403	6T	
Ring 3A	361173020	361173040	\$291.00	361173060	\$582.00	3/4"	3/4"	1.1469	1.1431	6T	
Set Plug 2A	371173010	371173030	\$165.00	371173050	\$344.00	1-5/8"	1-5/8"	1.1454	1.1403	5	
Set Plug 3A	371173020	371173040	\$165.00	371173060	\$344.00	1-5/8"	1-5/8"	1.1469	1.1431	5	
1 3/16-18 UNEF											
Taperlock Plug 2B	301173510	301173520	\$101.00	301173540	\$216.00	1"	3/4"	1.1514	1.1577	5	
Taperlock Plug 3B	301173510	301173530	\$101.00	301173550	\$216.00	1"	3/4"	1.1514	1.1561	5	
Ring 2A	361173510	361173530	\$257.00	361173550	\$514.00	3/4"	3/4"	1.1499	1.1450	6T	
Ring 3A	361173520	361173540	\$257.00	361173560	\$514.00	3/4"	3/4"	1.1514	1.1478	6T	
Set Plug 2A	371173510	371173530	\$173.00	371173550	\$360.00	1-5/8"	1-5/8"	1.1499	1.1450	5	
Set Plug 3A	371173520	371173540	\$173.00	371173560	\$360.00	1-5/8"	1-5/8"	1.1514	1.1478	5	
1 3/16-20 UN											
Taperlock Plug 2B	301174010	301174020	\$124.00	301174040	\$262.00	1"	3/4"	1.1550	1.1611	5	
Taperlock Plug 3B	301174010	301174030	\$124.00	301174050	\$262.00	1"	3/4"	1.1550	1.1595	5	
Ring 2A	361174010	361174030	\$296.00	361174050	\$592.00	3/4"	3/4"	1.1536	1.1489	6T	
Ring 3A	361174020	361174040	\$296.00	361174060	\$592.00	3/4"	3/4"	1.1550	1.1515	6T	
Set Plug 2A	371174010	371174030	\$175.00	371174050	\$364.00	1-5/8"	1-5/8"	1.1536	1.1489	5	
Set Plug 3A	371174020	371174040	\$175.00	371174060	\$364.00	1-5/8"	1-5/8"	1.1550	1.1515	5	

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 3/16-28 UN											
Taperlock Plug 2B	301174510	301174520	\$151.00	301174540	\$316.00	1"	3/4"	1.1643	1.1696	5	
Taperlock Plug 3B	301174510	301174530	\$151.00	301174550	\$316.00	1"	3/4"	1.1643	1.1683	5	
Ring 2A	361174510	361174530	\$404.00	361174550	\$808.00	3/4"	3/4"	1.1631	1.1590	6T	
Ring 3A	361174520	361174540	\$404.00	361174560	\$808.00	3/4"	3/4"	1.1643	1.1612	6T	
Set Plug 2A	371174510	371174530	\$215.00	371174550	\$444.00	1-5/8"	1-5/8"	1.1631	1.1590	5	
Set Plug 3A	371174520	371174540	\$215.00	371174560	\$444.00	1-5/8"	1-5/8"	1.1643	1.1612	5	
1 1/4-7 UNC											
Taperlock Plug 2B	301175010	301175020	\$87.00	301175040	\$188.00	1-1/4"	3/4"	1.1572	1.1668	5	
Taperlock Plug 3B	301175010	301175030	\$87.00	301175050	\$188.00	1-1/4"	3/4"	1.1572	1.1644	5	
Ring 2A	361175010	361175030	\$266.00	361175050	\$532.00	1-1/8"	3/4"	1.1550	1.1476	6T	
Ring 3A	361175020	361175040	\$266.00	361175060	\$532.00	1-1/8"	3/4"	1.1572	1.1517	6T	
Set Plug 2A	371175010	371175030	\$163.00	371175050	\$340.00	2-3/8"	1-5/8"	1.1550	1.1476	5	
Set Plug 3A	371175020	371175040	\$163.00	371175060	\$340.00	2-3/8"	1-5/8"	1.1572	1.1517	5	
1 1/4-8 UN											
Taperlock Plug 2B	301175510	301175520	\$116.00	301175540	\$246.00	1-1/4"	3/4"	1.1688	1.1780	5	
Taperlock Plug 3B	301175510	301175530	\$116.00	301175550	\$246.00	1-1/4"	3/4"	1.1688	1.1757	5	
Ring 2A	361175510	361175530	\$291.00	361175550	\$582.00	1-1/8"	3/4"	1.1667	1.1597	6T	
Ring 3A	361175520	361175540	\$291.00	361175560	\$582.00	1-1/8"	3/4"	1.1688	1.1635	6T	
Set Plug 2A	371175510	371175530	\$165.00	371175550	\$344.00	2-3/8"	1-5/8"	1.1667	1.1597	5	
Set Plug 3A	371175520	371175540	\$165.00	371175560	\$344.00	2-3/8"	1-5/8"	1.1688	1.1635	5	
1 1/4-12 UNF											
Taperlock Plug 2B	301176010	301176020	\$87.00	301176040	\$188.00	1"	3/4"	1.1959	1.2039	5	
Taperlock Plug 3B	301176010	301176030	\$87.00	301176050	\$188.00	1"	3/4"	1.1959	1.2019	5	
Ring 2A	361176010	361176030	\$266.00	361176050	\$532.00	3/4"	3/4"	1.1941	1.1879	6T	
Ring 3A	361176020	361176040	\$266.00	361176060	\$532.00	3/4"	3/4"	1.1959	1.1913	6T	
Set Plug 2A	371176010	371176030	\$163.00	371176050	\$340.00	1-5/8"	1-5/8"	1.1941	1.1879	5	
Set Plug 3A	371176020	371176040	\$163.00	371176060	\$340.00	1-5/8"	1-5/8"	1.1959	1.1913	5	
1 1/4-16 UN											
Taperlock Plug 2B	301176510	301176520	\$116.00	301176540	\$246.00	1"	3/4"	1.2094	1.2160	5	
Taperlock Plug 3B	301176510	301176530	\$116.00	301176550	\$246.00	1"	3/4"	1.2094	1.2144	5	
Ring 2A	361176510	361176530	\$291.00	361176550	\$582.00	3/4"	3/4"	1.2079	1.2028	6T	
Ring 3A	361176520	361176540	\$291.00	361176560	\$582.00	3/4"	3/4"	1.2094	1.2056	6T	
Set Plug 2A	371176510	371176530	\$165.00	371176550	\$344.00	1-5/8"	1-5/8"	1.2079	1.2028	5	
Set Plug 3A	371176520	371176540	\$165.00	371176560	\$344.00	1-5/8"	1-5/8"	1.2094	1.2056	5	
1 1/4-18 UNEF											
Taperlock Plug 2B	301177010	301177020	\$105.00	301177040	\$224.00	1"	3/4"	1.2139	1.2202	5	
Taperlock Plug 3B	301177010	301177030	\$105.00	301177050	\$224.00	1"	3/4"	1.2139	1.2186	5	
Ring 2A	361177010	361177030	\$271.00	361177050	\$542.00	3/4"	3/4"	1.2124	1.2075	6T	
Ring 3A	361177020	361177040	\$271.00	361177060	\$542.00	3/4"	3/4"	1.2139	1.2103	6T	
Set Plug 2A	371177010	371177030	\$173.00	371177050	\$360.00	1-5/8"	1-5/8"	1.2124	1.2075	5	
Set Plug 3A	371177020	371177040	\$173.00	371177060	\$360.00	1-5/8"	1-5/8"	1.2139	1.2103	5	
1 1/4-20 UN											
Taperlock Plug 2B	301177310	301177320	\$124.00	301177340	\$262.00	1"	3/4"	1.2175	1.2236	5	
Taperlock Plug 3B	301177310	301177330	\$124.00	301177350	\$262.00	1"	3/4"	1.2175	1.2220	5	
Ring 2A	361177310	361177330	\$296.00	361177350	\$592.00	3/4"	3/4"	1.2161	1.2114	6T	
Ring 3A	361177320	361177340	\$296.00	361177360	\$592.00	3/4"	3/4"	1.2175	1.2140	6T	
Set Plug 2A	371177310	371177330	\$175.00	371177350	\$364.00	1-5/8"	1-5/8"	1.2161	1.2114	5	
Set Plug 3A	371177320	371177340	\$175.00	371177360	\$364.00	1-5/8"	1-5/8"	1.2175	1.2140	5	
1 1/4-28 UN											
Taperlock Plug 2B	301177510	301177520	\$151.00	301177540	\$316.00	1"	3/4"	1.2268	1.2321	5	
Taperlock Plug 3B	301177510	301177530	\$151.00	301177550	\$316.00	1"	3/4"	1.2268	1.2308	5	
Ring 2A	361177510	361177530	\$404.00	361177550	\$808.00	3/4"	3/4"	1.2256	1.2215	6T	
Ring 3A	361177520	361177540	\$404.00	361177560	\$808.00	3/4"	3/4"	1.2268	1.2237	6T	
Set Plug 2A	371177510	371177530	\$215.00	371177550	\$444.00	1-5/8"	1-5/8"	1.2256	1.2215	5	
Set Plug 3A	371177520	371177540	\$215.00	371177560	\$444.00	1-5/8"	1-5/8"	1.2268	1.2237	5	