

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
	Go Member	NoGo Member		Go/NoGo Set	Go		NoGo	Go	NoGo	No	
5/8-20 UN											
Taperlock Plug 2B	301148510	301148520	\$97.00	301148540	\$206.00	7/8"	1/2"	.5925	.5981	3	
Taperlock Plug 3B	301148510	301148530	\$97.00	301148550	\$206.00	7/8"	1/2"	.5925	.5967	3	
Ring 2A	361148510	361148530	\$251.00	361148550	\$502.00	9/16"	9/16"	.5912	.5869	4T	
Ring 3A	361148520	361148540	\$251.00	361148560	\$502.00	9/16"	9/16"	.5925	.5893	4T	
Set Plug 2A	371148510	371148530	\$139.00	371148550	\$290.00	1-1/4"	1-1/4"	.5912	.5869	3	
Set Plug 3A	371148520	371148540	\$139.00	371148560	\$290.00	1-1/4"	1-1/4"	.5925	.5893	3	
5/8-24 UNEF											
Taperlock Plug 2B	301149010	301149020	\$78.00	301149040	\$168.00	7/8"	1/2"	.5979	.6031	3	
Taperlock Plug 3B	301149010	301149030	\$78.00	301149050	\$168.00	7/8"	1/2"	.5979	.6018	3	
Reversible Plug 2B	311149010	311149020	\$111.00	311149040	\$245.50	1-1/2"	1-3/8"	.5979	.6031	6W	
Reversible Plug 3B	311149010	311149030	\$111.00	311149050	\$245.50	1-1/2"	1-3/8"	.5979	.6018	6W	
Ring 2A	361149010	361149030	\$152.00	361149050	\$304.00	9/16"	9/16"	.5967	.5927	4T	
Ring 3A	361149020	361149040	\$152.00	361149060	\$304.00	9/16"	9/16"	.5979	.5949	4T	
Set Plug 2A	371149010	371149030	\$145.00	371149050	\$302.00	1-1/4"	1-1/4"	.5967	.5927	3	
Set Plug 3A	371149020	371149040	\$145.00	371149060	\$302.00	1-1/4"	1-1/4"	.5979	.5949	3	
5/8-28 UN											
Taperlock Plug 2B	301149310	301149320	\$117.00	301149340	\$246.00	7/8"	1/2"	.6018	.6067	3	
Taperlock Plug 3B	301149310	301149330	\$117.00	301149350	\$246.00	7/8"	1/2"	.6018	.6055	3	
Ring 2A	361149310	361149330	\$315.00	361149350	\$630.00	9/16"	9/16"	.6007	.5969	4T	
Ring 3A	361149320	361149340	\$315.00	361149360	\$630.00	9/16"	9/16"	.6018	.5990	4T	
Set Plug 2A	371149310	371149330	\$167.00	371149350	\$346.00	1-1/4"	1-1/4"	.6007	.5969	3	
Set Plug 3A	371149320	371149340	\$167.00	371149360	\$346.00	1-1/4"	1-1/4"	.6018	.5990	3	
5/8-32 UN											
Taperlock Plug 2B	301149710	301149720	\$117.00	301149740	\$246.00	7/8"	1/2"	.6047	.6093	3	
Taperlock Plug 3B	301149710	301149730	\$117.00	301149750	\$246.00	7/8"	1/2"	.6047	.6082	3	
Ring 2A	361149710	361149730	\$315.00	361149750	\$630.00	9/16"	9/16"	.6036	.6000	4T	
Ring 3A	361149720	361149740	\$315.00	361149760	\$630.00	9/16"	9/16"	.6047	.6020	4T	
Set Plug 2A	371149710	371149730	\$167.00	371149750	\$346.00	1-1/4"	1-1/4"	.6036	.6000	3	
Set Plug 3A	371149720	371149740	\$167.00	371149760	\$346.00	1-1/4"	1-1/4"	.6047	.6020	3	
11/16-12 UN											
Taperlock Plug 2B	301150010	301150020	\$97.00	301150040	\$206.00	7/8"	1/2"	.6334	.6405	3	
Taperlock Plug 3B	301150010	301150030	\$97.00	301150050	\$206.00	7/8"	1/2"	.6334	.6387	3	
Ring 2A	361150010	361150030	\$257.00	361150050	\$514.00	9/16"	9/16"	.6318	.6264	4T	
Ring 3A	361150020	361150040	\$257.00	361150060	\$514.00	9/16"	9/16"	.6334	.6293	4T	
Set Plug 2A	371150010	371150030	\$139.00	371150050	\$290.00	1-1/4"	1-1/4"	.6318	.6264	3	
Set Plug 3A	371150020	371150040	\$139.00	371150060	\$290.00	1-1/4"	1-1/4"	.6334	.6293	3	
11/16-16 UN											
Taperlock Plug 2B	301150110	301150120	\$97.00	301150140	\$206.00	7/8"	1/2"	.6469	.6531	3	
Taperlock Plug 3B	301150110	301150130	\$97.00	301150150	\$206.00	7/8"	1/2"	.6469	.6515	3	
Ring 2A	361150110	361150130	\$257.00	361150150	\$514.00	9/16"	9/16"	.6455	.6407	4T	
Ring 3A	361150120	361150140	\$257.00	361150160	\$514.00	9/16"	9/16"	.6469	.6433	4T	
Set Plug 2A	371150110	371150130	\$139.00	371150150	\$290.00	1-1/4"	1-1/4"	.6455	.6407	3	
Set Plug 3A	371150120	371150140	\$139.00	371150160	\$290.00	1-1/4"	1-1/4"	.6469	.6433	3	
11/16-20 UN											
Taperlock Plug 2B	301150310	301150320	\$108.00	301150340	\$228.00	7/8"	1/2"	.6550	.6606	3	
Taperlock Plug 3B	301150310	301150330	\$108.00	301150350	\$228.00	7/8"	1/2"	.6550	.6592	3	
Ring 2A	361150310	361150330	\$263.00	361150350	\$526.00	9/16"	9/16"	.6537	.6494	4T	
Ring 3A	361150320	361150340	\$263.00	361150360	\$526.00	9/16"	9/16"	.6550	.6518	4T	
Set Plug 2A	371150310	371150330	\$154.00	371150350	\$320.00	1-1/4"	1-1/4"	.6537	.6494	3	
Set Plug 3A	371150320	371150340	\$154.00	371150360	\$320.00	1-1/4"	1-1/4"	.6550	.6518	3	

Standard Thread Gages

INCH										
	Order No. Go Member	Order No. NoGo Member	Price	Order No. Go/NoGo Set	Price	Gage Length		Pitch Diameters		Handle No
11/16-24 UNEF										
Taperlock Plug 2B	301150510	301150520	\$80.00	301150540	\$172.00	7/8"	1/2"	.6604	.6656	3
Taperlock Plug 3B	301150510	301150530	\$80.00	301150550	\$172.00	7/8"	1/2"	.6604	.6643	3
Reversible Plug 2B	311150510	311150520	\$112.00	311150540	\$249.50	1-3/4"	1-3/8"	.6604	.6656	7W
Reversible Plug 3B	311150510	311150530	\$112.00	311150550	\$249.50	1-3/4"	1-3/8"	.6604	.6643	7W
Ring 2A	361150510	361150530	\$165.00	361150550	\$330.00	9/16"	9/16"	.6592	.6552	4T
Ring 3A	361150520	361150540	\$165.00	361150560	\$330.00	9/16"	9/16"	.6604	.6574	4T
Set Plug 2A	371150510	371150530	\$151.00	371150550	\$314.00	1-1/4"	1-1/4"	.6592	.6552	3
Set Plug 3A	371150520	371150540	\$151.00	371150560	\$314.00	1-1/4"	1-1/4"	.6604	.6574	3
11/16-28 UN										
Taperlock Plug 2B	301151010	301151020	\$127.00	301151040	\$266.00	7/8"	1/2"	.6643	.6692	3
Taperlock Plug 3B	301151010	301151030	\$127.00	301151050	\$266.00	7/8"	1/2"	.6643	.6680	3
Ring 2A	361151010	361151030	\$324.00	361151050	\$648.00	9/16"	9/16"	.6632	.6594	4T
Ring 3A	361151020	361151040	\$324.00	361151060	\$648.00	9/16"	9/16"	.6643	.6615	4T
Set Plug 2A	371151010	371151030	\$181.00	371151050	\$374.00	1-1/4"	1-1/4"	.6632	.6594	3
Set Plug 3A	371151020	371151040	\$181.00	371151060	\$374.00	1-1/4"	1-1/4"	.6643	.6615	3
11/16-32 UN										
Taperlock Plug 2B	301151510	301151520	\$127.00	301151540	\$266.00	7/8"	1/2"	.6672	.6718	3
Taperlock Plug 3B	301151510	301151530	\$127.00	301151550	\$266.00	7/8"	1/2"	.6672	.6707	3
Ring 2A	361151510	361151530	\$324.00	361151550	\$648.00	9/16"	9/16"	.6661	.6625	4T
Ring 3A	361151520	361151540	\$324.00	361151560	\$648.00	9/16"	9/16"	.6672	.6645	4T
Set Plug 2A	371151510	371151530	\$181.00	371151550	\$374.00	1-1/4"	1-1/4"	.6661	.6625	3
Set Plug 3A	371151520	371151540	\$181.00	371151560	\$374.00	1-1/4"	1-1/4"	.6672	.6645	3
3/4-10 UNC										
Taperlock Plug 2B	301152010	301152020	\$52.00	301152040	\$116.00	7/8"	1/2"	.6850	.6927	3
Taperlock Plug 3B	301152010	301152030	\$52.00	301152050	\$116.00	7/8"	1/2"	.6850	.6907	3
Reversible Plug 2B	311152010	311152020	\$71.00	311152040	\$167.50	1-3/4"	1-3/8"	.6850	.6927	7W
Reversible Plug 3B	311152010	311152030	\$71.00	311152050	\$167.50	1-3/4"	1-3/8"	.6850	.6907	7W
STI Plug 2B	321152010	321152020	\$74.00	321152040	\$161.00	1"	5/8"	.8149	.8216	4
STI Plug 3B	321152010	321152030	\$74.00	321152050	\$161.00	1"	5/8"	.8149	.8196	4
Ring 2A	361152010	361152030	\$159.00	361152050	\$318.00	3/4"	9/16"	.6832	.6773	4T
Ring 3A	361152020	361152040	\$159.00	361152060	\$318.00	3/4"	9/16"	.6850	.6806	4T
Set Plug 2A	371152010	371152030	\$118.00	371152050	\$248.00	1-7/8"	1-1/4"	.6832	.6773	3
Set Plug 3A	371152020	371152040	\$118.00	371152060	\$248.00	1-7/8"	1-1/4"	.6850	.6806	3
3/4-12 UN										
Taperlock Plug 2B	301152510	301152520	\$97.00	301152540	\$206.00	7/8"	1/2"	.6959	.7031	3
Taperlock Plug 3B	301152510	301152530	\$97.00	301152550	\$206.00	7/8"	1/2"	.6959	.7013	3
Ring 2A	361152510	361152530	\$257.00	361152550	\$514.00	9/16"	9/16"	.6942	.6887	4T
Ring 3A	361152520	361152540	\$257.00	361152560	\$514.00	9/16"	9/16"	.6959	.6918	4T
Set Plug 2A	371152510	371152530	\$139.00	371152550	\$290.00	1-1/4"	1-1/4"	.6942	.6887	3
Set Plug 3A	371152520	371152540	\$139.00	371152560	\$290.00	1-1/4"	1-1/4"	.6959	.6918	3
3/4-16 UNF										
Taperlock Plug 2B	301153010	301153020	\$52.00	301153040	\$116.00	7/8"	1/2"	.7094	.7159	3
Taperlock Plug 3B	301153010	301153030	\$52.00	301153050	\$116.00	7/8"	1/2"	.7094	.7143	3
Reversible Plug 2B	311153010	311153020	\$71.00	311153040	\$167.50	1-3/4"	1-3/8"	.7094	.7159	7W
Reversible Plug 3B	311153010	311153030	\$71.00	311153050	\$167.50	1-3/4"	1-3/8"	.7094	.7143	7W
STI Plug 2B	321153010	321153020	\$74.00	321153040	\$160.00	7/8"	1/2"	.7906	.7961	3
STI Plug 3B	321153010	321153030	\$74.00	321153050	\$160.00	7/8"	1/2"	.7906	.7945	3
Ring 2A	361153010	361153030	\$159.00	361153050	\$318.00	9/16"	9/16"	.7079	.7029	4T
Ring 3A	361153020	361153040	\$159.00	361153060	\$318.00	9/16"	9/16"	.7094	.7056	4T
Set Plug 2A	371153010	371153030	\$118.00	371153050	\$248.00	1-1/4"	1-1/4"	.7079	.7029	3
Set Plug 3A	371153020	371153040	\$118.00	371153060	\$248.00	1-1/4"	1-1/4"	.7094	.7056	3

Standard Thread Gages

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	
3/4-20 UNEF										
Taperlock Plug 2B	301154010	301154020	\$78.00	301154040	\$168.00	7/8"	1/2"	.7175	.7232	3
Taperlock Plug 3B	301154010	301154030	\$78.00	301154050	\$168.00	7/8"	1/2"	.7175	.7218	3
Reversible Plug 2B	311154010	311154020	\$112.00	311154040	\$249.50	1-3/4"	1-3/8"	.7175	.7232	7W
Reversible Plug 3B	311154010	311154030	\$112.00	311154050	\$249.50	1-3/4"	1-3/8"	.7175	.7218	7W
Ring 2A	361154010	361154030	\$190.00	361154050	\$380.00	9/16"	9/16"	.7162	.7118	4T
Ring 3A	361154020	361154040	\$190.00	361154060	\$380.00	9/16"	9/19"	.7175	.7142	4T
Set Plug 2A	371154010	371154030	\$152.00	371154050	\$316.00	1-1/4"	1-1/4"	.7162	.7118	3
Set Plug 3A	371154020	371154040	\$152.00	371154060	\$316.00	1-1/4"	1-1/4"	.7175	.7142	3
3/4-28 UN										
Taperlock Plug 2B	301154310	301154320	\$127.00	301154340	\$266.00	7/8"	1/2"	.7268	.7318	3
Taperlock Plug 3B	301154310	301154330	\$127.00	301154350	\$266.00	7/8"	1/2"	.7268	.7305	3
Ring 2A	361154310	361154330	\$319.00	361154350	\$638.00	9/16"	9/16"	.7256	.7218	4T
Ring 3A	361154320	361154340	\$319.00	361154360	\$638.00	9/16"	9/19"	.7268	.7239	4T
Set Plug 2A	371154310	371154330	\$181.00	371154350	\$374.00	1-1/4"	1-1/4"	.7256	.7218	3
Set Plug 3A	371154320	371154340	\$181.00	371154360	\$374.00	1-1/4"	1-1/4"	.7268	.7239	3
3/4-32 UN										
Taperlock Plug 2B	301154510	301154520	\$127.00	301154540	\$266.00	7/8"	1/2"	.7297	.7344	3
Taperlock Plug 3B	301154510	301154530	\$127.00	301154550	\$266.00	7/8"	1/2"	.7297	.7333	3
Ring 2A	361154510	361154530	\$319.00	361154550	\$638.00	9/16"	9/16"	.7286	.7250	4T
Ring 3A	361154520	361154540	\$319.00	361154560	\$638.00	9/16"	9/19"	.7297	.7270	4T
Set Plug 2A	371154510	371154530	\$181.00	371154550	\$374.00	1-1/4"	1-1/4"	.7286	.7250	3
Set Plug 3A	371154520	371154540	\$181.00	371154560	\$374.00	1-1/4"	1-1/4"	.7297	.7270	3
13/16-12 UN										
Taperlock Plug 2B	301155010	301155020	\$100.00	301155040	\$212.00	1"	5/8"	.7584	.7656	3
Taperlock Plug 3B	301155010	301155030	\$100.00	301155050	\$212.00	1"	5/8"	.7584	.7638	3
Ring 2A	361155010	361155030	\$266.00	361155050	\$532.00	9/16"	9/16"	.7567	.7512	4T
Ring 3A	361155020	361155040	\$266.00	361155060	\$532.00	9/16"	9/16"	.7584	.7543	4T
Set Plug 2A	371155010	371155030	\$142.00	371155050	\$296.00	1-1/4"	1-1/4"	.7567	.7512	3
Set Plug 3A	371155020	371155040	\$142.00	371155060	\$296.00	1-1/4"	1-1/4"	.7584	.7543	3
13/16-16 UN										
Taperlock Plug 2B	301155310	301155320	\$100.00	301155340	\$212.00	1"	5/8"	.7719	.7782	3
Taperlock Plug 3B	301155310	301155330	\$100.00	301155350	\$212.00	1"	5/8"	.7719	.7766	3
Ring 2A	361155310	361155330	\$266.00	361155350	\$532.00	9/16"	9/16"	.7704	.7655	4T
Ring 3A	361155320	361155340	\$266.00	361155360	\$532.00	9/16"	9/16"	.7719	.7683	4T
Set Plug 2A	371155310	371155330	\$142.00	371155350	\$296.00	1-1/4"	1-1/4"	.7704	.7655	3
Set Plug 3A	371155320	371155340	\$142.00	371155360	\$296.00	1-1/4"	1-1/4"	.7719	.7683	3
13/16-20 UNEF										
Taperlock Plug 2B	301155510	301155520	\$83.00	301155540	\$178.00	1"	5/8"	.7800	.7857	3
Taperlock Plug 3B	301155510	301155530	\$83.00	301155550	\$178.00	1"	5/8"	.7800	.7843	3
Ring 2A	361155510	361155530	\$198.00	361155550	\$396.00	9/16"	9/16"	.7787	.7743	4T
Ring 3A	361155520	361155540	\$198.00	361155560	\$396.00	9/16"	9/16"	.7800	.7767	4T
Set Plug 2A	371155510	371155530	\$165.00	371155550	\$342.00	1-1/4"	1-1/4"	.7787	.7743	3
Set Plug 3A	371155520	371155540	\$165.00	371155560	\$342.00	1-1/4"	1-1/4"	.7800	.7767	3
13/16-28 UN										
Taperlock Plug 2B	301156010	301156020	\$132.00	301156040	\$276.00	1"	5/8"	.7893	.7943	3
Taperlock Plug 3B	301156010	301156030	\$132.00	301156050	\$276.00	1"	5/8"	.7893	.7930	3
Ring 2A	361156010	361156030	\$334.00	361156050	\$668.00	9/16"	9/16"	.7881	.7843	4T
Ring 3A	361156020	361156040	\$334.00	361156060	\$668.00	9/16"	9/16"	.7893	.7864	4T
Set Plug 2A	371156010	371156030	\$187.00	371156050	\$386.00	1-1/4"	1-1/4"	.7881	.7843	3
Set Plug 3A	371156020	371156040	\$187.00	371156060	\$386.00	1-1/4"	1-1/4"	.7893	.7864	3

THREADS