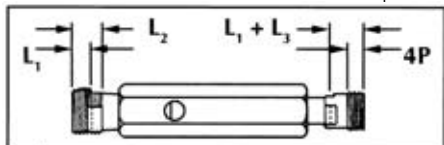


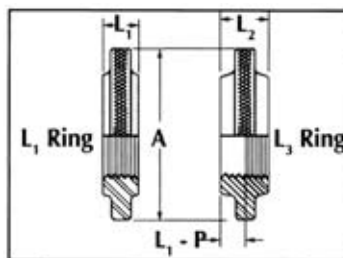
NPTF (Dryseal) Taper Pipe Gages

Dryseal pipe threads are generally used in more critical applications than NPT and, therefore, a greater variety of gages and/or measuring equipment is used to more adequately check size, taper, and thread form.

- L_1 and L_3 plugs supplied with 1 step as standard
- L_1 = Length of engagement in hand tight make up
- L_2 = Length of effective thread (external)
- L_3 = Length of 3 threads beyond L_1 for wrench make up.



• Plug Dimensions



• Ring Dimensions

TAPER PIPE GAGES — NPTF DIMENSIONS

Nominal Size	To Basic Notch	Length Member L_1 and L_2				Tol. Minus	Handle No.	Nominal Size	Outside Diameter	Thickness		
		Tol. Minus	Full Length (Min)	L_2	$L_1 + L_2$					L_1 Thin	L_2 Thick	Tol. Plus
1/16	.1600	.001	.26113	.2711	.001	1	1/16	1-1/8	.1600	.26113	.001	
1/8	.1615	.001	.26385	.2726	.001	2	1/8	1-1/8	.1615	.26385	.001	
1/4	.2278	.001	.40178	.3945	.001	3	1/4	1-3/8	.2278	.40178	.001	
3/8	.2400	.001	.40778	.4067	.001	3	3/8	1-1/2	.2400	.40778	.001	
1/2	.3200	.001	.53371	.5343	.001	4	1/2	1-3/4	.3200	.53371	.001	
3/4	.3390	.001	.54571	.5533	.001	4	3/4	2	.3390	.54571	.001	
1	.4000	.001	.68278	.6609	.001	5	1	2-1/2	.4000	.68278	.001	
1-1/4	.4200	.001	.70678	.6809	.001	5	1-1/4	3	.4200	.70678	.001	
1-1/2	.4200	.001	.72348	.6809	.001	5	1-1/2	3-1/4	.4200	.72348	.001	
2	.4360	.001	.75652	.6969	.001	5	2	3-3/4	.4360	.75652	.001	
2-1/2	.6820	.002	1.13750	1.0570	.002	6	2-1/2	4-1/4	.6820	1.13750	.002	
3	.7660	.002	1.20000	1.1410	.002	6	3	5	.7660	1.20000	.002	

TAPER PIPE GAGES — NPTF

Product Group #19-00TPF

Nominal Size	L_1 Ring Gage Member Only		L_2 Ring Gage Member Only		NPTF 6 Step Plug Gage Member Only		NPTF 6 Step Plug Gage w/Handle		NPTF 6 Step Ring Gage		
	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	
1/16	27	M701185	\$ 227.29	M701192	\$ 318.97	M701178	\$ 231.11	M7011781	\$ 246.39	M701199	\$ 380.09
1/8	27	M701186	158.53	M701193	307.51	M701179	231.11	M7011791	246.39	M701200	380.09
1/4	18	M701187	189.09	M701194	318.97	M701180	231.11	M7011801	246.39	M701201	380.09
3/8	18	M701188	200.55	M701195	336.16	M701181	231.11	M7011811	246.39	M701202	380.09
1/2	14	M701189	223.47	M701196	349.53	M701182	231.11	M7011821	246.39	M701203	380.09
3/4	14	M701190	254.03	M701197	383.91	M701183	244.48	M7011831	259.76	M701204	425.93
1	11-1/2	M701191	288.41	M701198	418.29	M701184	265.49	M7011841	282.68	M701205	425.93
1-1/4	11-1/2	M31600801	313.24	M31600804	458.40	M31100807	297.96	M31100857	315.15	M31600807	431.66
1-1/2	11-1/2	M31600901	374.36	M31600904	502.33	M31100907	328.52	M31100957	345.71	M31600907	494.69
2	11-1/2	M31601001	446.94	M31601004	586.36	M31101007	458.40	M31101057	475.59	M31601007	601.64
2-1/2	8	M31601101	525.24	M31601104	704.78	M31101107	691.41	M31101157	714.33	M31601107	720.06
3	8	M31601201	655.12	M31601204	827.02	M31101207	754.44	M31101257	777.36	M31601207	865.22

Nominal Size	L_1 Plug Gage Member Only		L_1 Plug Gage w/Handle		L_3 Plug Gage Member Only		L_3 Plug Gage w/Handle		L_1 & L_3 Double End w/Handle		
	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	
1/16	27	M701164	\$ 154.71	M7011641	\$ 169.99	M701171	\$ 154.71	M7011711	\$ 169.99	M37401	\$ 326.70
1/8	27	M701165	108.87	M7011651	124.15	M701172	108.87	M7011721	124.15	M37403	233.02
1/4	18	M701166	129.88	M7011661	145.16	M701173	129.88	M7011731	145.16	M37405	275.04
3/8	18	M701167	154.71	M7011671	169.99	M701174	154.71	M7011741	169.99	M37407	324.70
1/2	14	M701168	175.72	M7011681	191.00	M701175	175.72	M7011751	191.00	M37409	366.72
3/4	14	M701169	194.82	M7011691	210.10	M701176	194.82	M7011761	210.10	M37411	404.92
1	11-1/2	M701170	213.92	M7011701	231.11	M701177	213.92	M7011771	231.11	M37413	445.03
1-1/4	11-1/2	M31100801	242.57	M31100851	259.76	M31100804	242.57	M31100854	259.76	M31100863	502.33
1-1/2	11-1/2	M31100901	275.04	M31100951	292.23	M31100904	275.04	M31100954	292.23	M31100963	567.26
2	11-1/2	M31101001	328.52	M31101051	345.71	M31101004	328.52	M31101054	345.71	M31101063	674.22
2-1/2	8	M31101101	435.48	M31101151	458.40	M31101104	435.48	M31101154	458.40	M31101163	893.87
3	8	M31101201	525.24	M31101251	548.16	M31101204	525.24	M31101254	548.16	M31101263	1,073.41

