

# 塞子的使用建议 APPLICATION ADVISOR for PLUGS

## PLUGS for Standard Threads & Hydraulic Fittings

保护标准内螺纹及  
液压零件内孔的塞子

Application Advisor is offered as a guideline.  
Please request a **FREE** Sample to test within your application.

YOUR SPECIFICATIONS										
INTERNAL THREAD SIZE	FITTING SIZE (Dash No.)	Polyethylene Tapered Plugs Page 17	Polyethylene Thick Wide Flange Tapered Plugs Page 19	Polyethylene Center Pull Tapered Plugs Page 21	Vinyl Plugs Page 22	Vinyl Hi-Temp Plugs Page 32	Vinyl Hi-Temp Tapered Plugs Page 32	Vinyl Hi-Temp Nut Plugs Page 32	EPDM Plugs Page 33	Silicone Plugs Page 33
5	~	~	~	~	~	~	~	~	MEP.250/437	MSP.250/437
6	~	~	~	~	~	~	TP-1 HT	~	MEP.313/562	MSP.313/562
8	~	~	TWF.116/182	~	~	~	TP-1 HT	.080NP-1/2 HT	MEP.437/687	MSP.437/687
10	~	T.116/182	TWF.116/182	CP.11/18	~	~	TP-1 HT	.093NP-3/4 HT	MEP.625/800	MSP.625/800
12	~	~	~	~	~	~	~	~	MEP.827/1.063	MSP.827/1.063
1/4 - 20	~	T.173/240	TWF.173/240	~	MCP-05	MCP-05 HT	TP-2 HT	.137NP-1 HT	MEP.1.187/1.437	MSP.1.187/1.437
5/16 - 24	-2	T.236/302	TWF.236/296	CP.23/30	MCP-1	MCP-1 HT	TP-3 HT	.172NP-1 HT	MEP.1.306/1.622	MSP.1.306/1.622
3/8 - 24	-3	T.299/365	TWF.299/365	CP.29/36	MCP-2	MCP-2 HT	~	.250NP-1-1/4 HT	MEP.1.621/1.973	MSP.1.621/1.973
7/16 - 20	-4	T.361/427	TWF.333/392	CP.36/42	MCP-25	MCP-25 HT	~	.281NP-1-1/4 HT	MEP.2.000/2.469	MSP.2.000/2.469
1/2 - 20	-5	T.419/485	TWF.427/475	CP.41/48	MCP-3	MCP-3 HT	~	.343NP-1-1/4 HT	MEP.250/437	MSP.250/437
9/16 - 18	-6	T.471/547	TWF.481/547	CP.47/54	MCP-35	MCP-35 HT	~	~	MEP.313/562	MSP.313/562
5/8 - 18	~	T.532/608	TWF.530/615	CP.53/60	MCP-4	MCP-4 HT	~	~	MEP.437/687	MSP.437/687
3/4 - 16	-8	T.640/727	TWF.628/725	CP.64/72	MCP-5	MCP-5 HT	~	~	MEP.625/800	MSP.625/800
7/8 - 16	-10	T.750/848	TWF.755/870	CP.75/84	MCP-55	MCP-55 HT	~	~	MEP.827/1.063	MSP.827/1.063
1 - 14	~	T.866/975	TWF.867/975	CP.91/1.04	~	~	~	~	MEP.1.187/1.437	MSP.1.187/1.437
1-1/16 - 14	~	T.915/1.04	TWF.867/975	CP.91/1.04	MCP-6	MCP-6 HT	~	~	MEP.1.306/1.622	MSP.1.306/1.622
1-3/16 - 12	-13	T.995/1.14	TWF.984/1.10	~	MCP-7	MCP-7 HT	~	~	MEP.1.621/1.973	MSP.1.621/1.973
1-5/16 - 12	-16	T.1.17/1.28	TWF.1.15/1.28	CP.1.15/1.3	~	~	~	~	MEP.2.000/2.469	MSP.2.000/2.469
1-5/8 - 12	-20	T.1.56/1.68	TWF.1.58/1.71	~	~	~	~	~	MEP.1.306/1.622	MSP.1.306/1.622
1-7/8 - 12	-24	T.1.75/1.88	TWF.1.73/1.88	~	~	~	~	~	MEP.1.621/1.973	MSP.1.621/1.973
2 - 12	~	T.1.78/1.95	~	~	~	~	~	~	~	~
2-1/4 - 12	-28	T.2.06/2.24	~	~	~	~	~	~	MEP.2.000/2.469	MSP.2.000/2.469
2-1/2 - 12	-32	T.2.298/2.464	~	~	~	~	~	~	MEP.250/437	MSP.250/437
3 - 12	~	T.2.760/2.990	~	~	~	~	~	~	~	~
3-1/2 - 12	~	T.3.270/3.562	~	~	~	~	~	~	~	~
4 - 8	~	T.3.79/3.92	~	~	~	~	~	~	~	~
5 - 8	~	T.4.79/4.97	~	~	~	~	~	~	~	~
6 - 4	~	T.5.70/5.87	~	~	~	~	~	~	~	~

## PLUGS for Threaded Internal NPT Fittings

适用于NPT 内螺纹的塞子


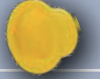



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YOUR SPECIFICATIONS								
NPT SIZE (Female Fitting)		Polyethylene Tapered Plugs Page 17	Polyethylene Thick Wide Flange Tapered Plugs Page 19	Polyethylene Center Pull Tapered Plugs Page 21	Vinyl Plugs Page 22	Vinyl Hi-Temp Plugs Page 28	EPDM Plugs Page 33	Silicone Plugs Page 33
1/8"		T.330/396	TWF.299/365	CP.33/39	MCP-2	MCP-2 HT	MEP.250/437	MSP.250/437
1/4"		T.419/485	TWF.427/475	CP.41/48	MCP-3	MCP-3 HT	MEP.313/562	MSP.313/562
3/8"		T.550/631	TWF.560/631	CP.55/63	MCP-4	MCP-4 HT	MEP.437/687	MSP.437/687
1/2"		T.690/788	TWF.690/775	CP.69/78	MCP-5	MCP-5 HT	MEP.625/800	MSP.625/800
3/4"		T.915/1.04	TWF.915/1.03	CP.91/1.04	MCP-6	MCP-6 HT	MEP.827/1.063	MSP.827/1.063
1"		T.1.17/1.28	TWF.1.15/1.28	CP.1.15/1.3	MCP-7	MCP-7 HT	MEP.1.187/1.437	MSP.1.187/1.437
1-1/4"		T.1.44/1.60	TWF.1.45/1.60	~	~	~	MEP.1.306/1.622	MSP.1.306/1.622
1-1/2"		T.1.75/1.88	TWF.1.73/1.88	~	~	~	MEP.1.621/1.973	MSP.1.621/1.973
2"		T.2.230/2.260	~	~	~	~	MEP.2.000/2.469	MSP.2.000/2.469
2-1/2"		T.2.641/2.790	~	~	~	~	~	~
3"		T.3.325/3.457	~	~	~	~	~	~
3-1/2"		T.3.79/3.92	~	~	~	~	~	~
4"		T.4.27/4.43	~	~	~	~	~	~
5"		T.5.33/5.49	~	~	~	~	~	~
6"		T.6.40/6.56	~	~	~	~	~	~

# APPLICATION ADVISOR for PLUGS 塞子的使用建议

## PLUGS for Non-Threaded Inside Diameter 适用于无螺纹的内孔塞

Application Advisor is offered as a guideline.  
Please request a **FREE** Sample to test within your application.

YOUR SPECIFICATIONS						
INSIDE DIAMETER		Polyethylene Tapered Plugs	Polyethylene Thick Wide Flange Tapered Plugs	Polyethylene Center Pull Tapered Plugs	EPDM Plugs	Silicone Plugs
inches	mm	Page 17	Page 19	Page 21	Page 33	Page 33
1/8	3.17	T.116/.182	TWF .116/.182	CP.11/.18	MEP .062/187	MSP .062/187
3/16	4.75	T.145/.205	TWF .173/.240	CP.14/.20	MEP .125/250	MSP .125/250
1/4	6.35	T.173/.240	TWF .236/.296	~	MEP .187/343	MSP .187/343
5/16	7.92	T.267/.335	TWF .299/.365	~	MEP .187/343	MSP .187/343
3/8	9.53	T.330/.396	TWF .333/.392	CP.33/.39	MEP .250/437	MSP .250/437
7/16	11.10	T.390/.456	TWF .427/.475	~	MEP .313/562	MSP .313/562
1/2	12.70	T.447/.513	TWF .481/.547	~	MEP .313/562	MSP .313/562
9/16	14.27	T.500/.576	TWF .530/.615	~	MEP .437/687	MSP .437/687
5/8	15.88	T.550/.631	TWF .590/.667	CP.55/.63	MEP .437/687	MSP .437/687
11/16	17.45	T.610/.695	TWF .628/.725	~	MEP .562/750	MSP .562/750
3/4	19.05	T.690/.788	TWF .690/.775	CP.69/.78	MEP .625/800	MSP .625/800
13/16	20.62	T.725/.823	TWF .755/.870	~	MEP .750/925	MSP .750/925
7/8	22.23	T.802/.911	TWF .820/.930	CP.80/.91	MEP .750/925	MSP .750/925
15/16	23.80	T.866/.975	TWF .867/.975	~	MEP .827/1.063	MSP .827/1.063
1	25.40	T.915/1.04	TWF .915/1.03	CP.91/1.04	MEP .827/1.063	MSP .827/1.063
1-1/16	26.97	T.964/1.09	TWF .984/1.10	~	~	~
1-1/8	28.58	T.995/1.14	TWF 1.09/1.21	~	MEP 1.036/1.246	MSP 1.036/1.246
1-3/16	30.15	T.1.09/1.21	TWF 1.09/1.21	~	MEP 1.036/1.246	MSP 1.036/1.246
1-1/4	31.75	T.1.17/1.28	TWF 1.15/1.28	CP.1.15/1.3	MEP 1.187/1.437	MSP 1.187/1.437
1-5/16	33.32	T.1.22/1.35	TWF 1.23/1.38	~	MEP 1.187/1.437	MSP 1.187/1.437
1-3/8	34.93	~	TWF 1.31/1.46	~	MEP 1.187/1.437	MSP 1.187/1.437
1-7/16	36.50	T.1.31/1.46	TWF 1.31/1.46	~	MEP 1.306/1.622	MSP 1.306/1.622
1-1/2	38.10	~	TWF 1.45/1.60	~	MEP 1.306/1.622	MSP 1.306/1.622
1-9/16	39.67	T.1.44/1.60	TWF 1.45/1.60	~	MEP 1.306/1.622	MSP 1.306/1.622
1-5/8	41.28	T.1.56/1.68	TWF 1.58/1.71	~	MEP 1.469/1.750	MSP 1.469/1.750
1-11/16	42.85	T.1.63/1.75	TWF 1.58/1.71	~	MEP 1.469/1.750	MSP 1.469/1.750
1-3/4	44.45	T.1.75/1.88	TWF 1.73/1.88	~	MEP 1.621/1.973	MSP 1.621/1.973
1-13/16	46.02	T.1.75/1.88	TWF 1.73/1.88	~	MEP 1.621/1.973	MSP 1.621/1.973
1-7/8	47.63	T.1.78/1.95	TWF 1.81/1.97	~	MEP 1.621/1.973	MSP 1.621/1.973
1-15/16	49.20	T.1.84/2.00	TWF 1.81/1.97	~	MEP 1.881/2.198	MSP 1.881/2.198
2	50.80	T.1.90/2.07	TWF 1.92/2.05	~	MEP 1.881/2.198	MSP 1.881/2.198
2-1/4	57.15	T.2.125/2.406	TWF 2.136/2.312	~	MEP 2.000/2.469	MSP 2.000/2.469
2-3/8	60.33	T.2.298/2.464	TWF 2.125/2.406	~	MEP 2.000/2.469	MSP 2.000/2.469
2-1/2	63.50	T.2.395/2.605	TWF 2.395/2.602	~	MEP 2.272/2.697	MSP 2.272/2.697
2-5/8	66.68	T.2.457/2.750	TWF 2.475/2.725	~	MEP 2.437/2.953	MSP 2.437/2.953
2-3/4	69.85	T.2.641/2.790	TWF 2.685/2.955	~	MEP 2.437/2.953	MSP 2.437/2.953
2-7/8	73.03	T.2.760/2.990	TWF 2.685/2.955	~	MEP 2.437/2.953	MSP 2.437/2.953
3	76.20	T.2.975/3.103	TWF 2.990/3.250	~	MEP 2.750/3.500	MSP 2.750/3.500
3-1/2	88.90	T.3.270/3.562	TWF 3.225/3.562	~	MEP 3.250/4.000	MSP 3.250/4.000
4	101.60	T.3.93/4.07	~	~	MEP 3.500/5.000	MSP 3.500/5.000
5	127.00	T.4.99/5.20	~	~	~	~

# 塞子的使用建议 APPLICATION ADVISOR for PLUGS

## PLUGS for Metric Threads 公制内螺纹保护塞

Application Advisor is offered as a guideline.  
Please request a **FREE** Sample to test within your application.

YOUR SPECIFICATIONS									
TO FIT METRIC THREAD SIZE	Polyethylene Tapered Plugs Page 17	Polyethylene Thick Wide Flange Tapered Plugs Page 19	Polyethylene Center Pull Tapered Plugs Page 21	Vinyl Plugs Page 22	Vinyl Hi-Temp Plugs Page 32	Vinyl Hi-Temp Tapered Plugs Page 32	Vinyl Hi-Temp Nut Plugs Page 32	EPDM Plugs Page 33	Silicone Plugs Page 33
M4	T.116/.182	TWF.116/.182	~	~	~	TP-1 HT	.080NP - 1/2HT	MEP.062/187	MSP.062/187
M5	T.116/.182	TWF.116/.182	CP.11/.18	~	~	TP-1 HT	.093NP - 3/4HT	MEP.125/250	MSP.125/250
M6	T.145/.205	TWF.173/.240	~	MCP-05	MCP-05 HT	TP-2HT	.137NP - 3/4HT	MEP.187/343	MSP.187/343
M8 x 1	T.173/.20	TWF.236/.296	CP.23/.30	MCP-1	MCP-1 HT	TP-3HT	.172NP - 1 HT	MEP.187/343	MSP.187/343
M10 x 1	T.330/.396	TWF.299/.365	CP.29/.36	MCP-2	MCP-2 HT	TP-3HT	.250NP - 1-1/4HT	MEP.250/437	MSP.250/437
M12 x 1.5	T.390/.456	TWF.397/.447	CP.36/.42	MCP-25	MCP-25 HT	~	.313NP - 1-1/4HT	MEP.313/562	MSP.313/562
M14 x 1.5	T.447/.513	TWF.481/.547	CP.41/.48	MCP-3	MCP-3 HT	~	~	MEP.313/562	MSP.313/562
M16 x 1.5	T.532/.608	TWF.530/.615	~	MCP-35	MCP-35 HT	~	~	MEP.437/687	MSP.437/687
M18 x 1.5	T.640/.727	TWF.628/.725	CP.55/.63	MCP-4	MCP-4 HT	~	~	MEP.562/750	MSP.562/750
M20 x 1.5	T.675/.755	TWF.658/.750	CP.64/.72	MCP-5	MCP-5 HT	~	~	MEP.625/800	MSP.625/800
M22 x 1.5	T.725/.823	TWF.755/.870	CP.69/.78	MCP-55	MCP-55 HT	~	~	MEP.750/925	MSP.750/925
M24 x 1.5	T.802/.911	TWF.755/.870	CP.75/.84	MCP-55	MCP-55 HT	~	~	MEP.750/925	MSP.750/925
M26 x 1.5	T.915/1.04	TWF.915/1.03	~	~	~	~	~	~	~
M27	T.964/1.09	TWF.984/1.10	CP.91/1.04	MCP-6	MCP-6 HT	~	~	MEP.827/1.063	MSP.827/1.063
M28	T.964/1.09	TWF.984/1.10	~	MCP-6	MCP-6 HT	~	~	~	~
M30	T.995/1.14	TWF.984/1.10	~	MCP-6	MCP-6 HT	~	~	~	~
M32	T.1.17/1.28	TWF.1.15/1.28	~	MCP-7	MCP-7 HT	~	~	~	~
M33	T.1.17/1.28	TWF.1.15/1.28	CP.1.15/1.3	MCP-7	MCP-7 HT	~	~	MEP.1.187/1.437	MSP.1.187/1.437
M36 x 2	T.1.22/1.35	TWF.1.23/1.38	~	~	~	~	~	MEP.1.187/1.437	MSP.1.187/1.437
M38	T.1.31/1.46	TWF.1.31/1.46	~	~	~	~	~	MEP.1.187/1.437	MSP.1.187/1.437
M40	T.1.44/1.60	TWF.1.45/1.60	~	~	~	~	~	~	~
M42 x 2	T.1.44/1.60	TWF.1.45/1.60	~	~	~	~	~	MEP.1.469/1.750	MSP.1.469/1.750
M45	T.1.63/1.75	TWF.1.58	~	~	~	~	~	MEP.1.469/1.750	MSP.1.469/1.750
M48	T.1.75	TWF.1.73	~	~	~	~	~	MEP.1.621/1.973	MSP.1.621/1.973
M52 x 2	T.1.90/2.07	TWF.1.92/2.05	~	~	~	~	~	MEP.1.621/1.973	MSP.1.621/1.973
M56, M58	T.2.125/2.406	TWF.2.079	~	~	~	~	~	MEP.2.000/2.469	MSP.2.000/2.469
M60, M62	T.2.298/2.464	TWF.2.125	~	~	~	~	~	MEP.2.118/2.506	MSP.2.118/2.506
M75, M76	T.2.760/2.990	TWF.2.685	~	~	~	~	~	MEP.2.437/2.953	MSP.2.437/2.953
M80 x 2	T.2.982	TWF.3.002	~	~	~	~	~	MEP.2.750/3.500	MSP.2.750/3.500
M90 x 2	T.3.27	TWF.3.225	~	~	~	~	~	MEP.2.750/3.500	MSP.2.750/3.500
M100 x 2	T.3.79	TWF.3.790	~	~	~	~	~	MEP.3.250/4.000	MSP.3.250/4.000
M110 x 2	T.4.09	~	~	~	~	~	~	MEP.3.500/5.000	MSP.3.500/5.000
M120 x 2	T.4.37	~	~	~	~	~	~	MEP.3.500/5.000	MSP.3.500/5.000
M130 x 2	T.4.91	~	~	~	~	~	~	MEP.3.500/5.000	MSP.3.500/5.000
M140 x 2	T.5.33	~	~	~	~	~	~	MEP.3.500/5.000	MSP.3.500/5.000
M150 x 2	T.5.70	~	~	~	~	~	~	MEP.3.500/5.000	MSP.3.500/5.000
M160 x 2	T.6.01	~	~	~	~	~	~	MEP.3.500/5.000	MSP.3.500/5.000

### TOLERANCES FOR VINYL PRODUCTS 浸塑产品公差

- Minimum Length = 3/16" (4.75mm)
- Length is variable in 1/16" (1.58mm) increments
  - Inside length tolerance is +/- 1/16" (1.58mm) • Length measured along inside wall, not from center, with the exception of the RFIG Series.
- Wall thickness as noted, unless special request
  - Wall tolerance +/- .010" (.25mm)
  - Wall measured approximately 1/4" (6.35mm) from open end, with wall increasing slightly towards the closed end of cap
- Specify Standard Formulation 9500 or High Temp HT201 (Additional formulations are available).

### TOLERANCES FOR POLYETHYLENE PRODUCTS 塑胶制品公差

- On all 2 Decimal Dimensions ± .020 per inch. (e.g.: 1.00 ± .020 = .020" or 1.50 ± .020 = .030")
- On all 3 Decimal Dimensions ± .010 per inch. (e.g.: 1.000 ± .010 = .010" or 1.500 ± .010 = .015")
- On all 1 Metric Decimal Dimensions ± .5 per 25 mm. (e.g.: 25.0 per 25mm = ± .5 mm minimum or 60.0 per 25mm = ± 1.2 mm)
- On all 2 Metric Decimal Dimensions ± .25 per 25 mm. (e.g.: 25.00 ± .25 per 25mm = ± .25 mm or 60.00 ± .25mm per 25 mm = ± .60 mm)
- On all Fractional Dimensions ± 1/32" per inch

### TOLERANCES FOR RUBBER PRODUCTS 橡胶制品公差

All Thermoset Rubber Products are manufactured to RMA "A3" Commercial tolerances