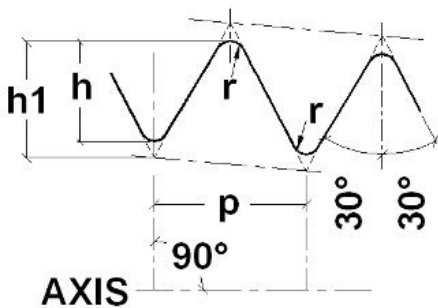




Malone Specialty Inc.
8900 East Ave., Mentor, Ohio 44060
Phone: 800-874-3077 ~ Fax: 800-874-3066
sales@malonespecialtyinc.com

AMERICAN NATIONAL PIPE TAPER (NPT) REFERENCE CHART

Dash Size	Nominal Thread Size - t.p.i.	Basic depth of thread (h) (in.)	Outside dia. of pipe (in.)	Effective diameter at small end of external thread (in.)	Basic Minor Dia. (in.)	Recommended tap drill size (mm)
-1	1/16 - 27	.0296	.3125	.2712	.2812	6.30
-2	1/8 - 27	.0296	.405	.3635	.3736	8.70
-4	1/4 - 18	.0444	.540	.4774	.4916	11.10
-6	3/8 - 18	.0444	.675	.6120	.6270	14.50
-8	1/2 - 14	.0571	.840	.7584	.7784	18.00
-12	3/4 - 14	.0571	1.050	.9677	.9889	23.25
-16	1 - 11-1/2	.0696	1.315	1.2136	1.2386	29.00
-20	1 1/4 - 11-1/2	.0696	1.660	1.5571	1.5834	38.00
-24	1 1/2 - 11-1/2	.0696	1.900	1.7961	1.8223	44.00
-32	2 - 11-1/2	.0696	2.375	2.2690	2.2963	56.00
-40	2 1/2 - 8	.1000	2.875	2.7195	2.7622	67.00



American National Pipe Taper (NPT) Thread Form

h = Basic Depth of Thread = *8 p

p = Pitch = 1/t.p.i. (Threads per Inch)