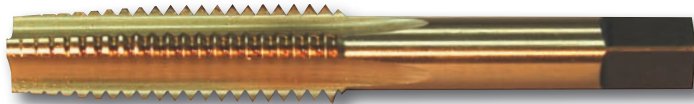


Cryotap®

Taper, Plug & Bottoming Taps



- **Long Lasting** – Cryophase™ treatment increases torsional strength and helps reduce wear on the cutting edges
- **Easy to Use** – Gold oxide coating reduces cutting friction and provides excellent corrosion resistance
- **Wide Selection** – Large variety of sizes in taper, plug, bottoming and pipe styles ensures the right tap for every job

SPECIFICATIONS

Material CM-8™ chrome moly vanadium tool steel
 Coating Gold-Oxide
 Hardness 64-66 Rc
 Cryophase™ Patented thermal cycling cryogenic treatment
 Thread Standard Exceeds ANSI B1.1

Fractional

Size	Taper	# Flutes	# Plug	# Flutes	# Bottoming	# Flutes	Drill Size*	H Limit	Overall Length
#4-40	-	-	806-4-0402	2	-	-	43	H3	7/8"
#6-40	-	-	806-4-0601	2	-	-	33	H2	2"
#6-32	806-3-0602	3	806-4-0602	2	806-6-0602	3	36	H3	2-1/8"
#8-36	-	-	806-4-0801	2	-	-	29	H2	2-1/8"
#8-32	806-3-0802	4	806-4-0802	2	806-6-0802	4	29	H3	2-3/8"
#10-24	806-3-1002	4	806-4-1002	2	806-6-1002	4	25	H3	2-3/8"
#10-32	806-3-1001	4	806-4-1001	2	806-6-1001	-	21	H3	2-3/8"
#12-28	-	-	806-4-1201	2	-	-	15	H3	2-3/8"
#12-24	806-3-1202	4	806-4-1202	2	806-6-1202	-	17	H3	2-3/8"
1/4"-20	806-3-1302	4	806-4-1302	2	806-6-1302	4	7	H3	2-1/2"
1/4"-28	806-3-1301	4	806-4-1301	2	806-6-1301	-	3	H3	2-1/2"
5/16"-24	806-3-1701	4	806-4-1701	2	806-6-1701	4	1	H3	2-3/4"
5/16"-18	806-3-1702	4	806-4-1702	2	806-6-1702	4	F	H3	2-3/4"
3/8"-24	806-3-2101	4	806-4-2101	3	806-6-2101	4	Q	H3	3"
3/8"-16	806-3-2102	4	806-4-2102	3	806-6-2102	4	5/16"	H3	3"
7/16"-20	806-3-2501	4	806-4-2501	3	806-6-2501	-	25/64"	H3	3-5/32"
7/16"-14	806-3-2502	4	806-4-2502	3	806-6-2502	4	U	H3	3-5/32"
1/2"-20	806-3-2901	4	806-4-2901	3	806-6-2901	4	29/64"	H3	3-3/8"
1/2"-13	806-3-2902	4	806-4-2902	3	806-6-2902	4	27/64"	H3	3-3/8"
9/16"-18	806-3-3001	4	806-4-3001	3	806-6-3001	4	33/64"	H3	3-9/16"
9/16"-12	806-3-3002	4	806-4-3002	3	806-6-3002	4	31/64"	H3	3-5/8"
5/8"-18	806-3-3101	4	806-4-3101	3	806-6-3101	4	9/16"	H3	3-3/4"
5/8"-11	806-3-3102	4	806-4-3102	3	806-6-3102	4	17/32"	H3	3-13/16"
11/16"-16	806-3-3201	4	806-4-3201	3	806-6-3201	4	5/8"	H3	4"
11/16"-11	806-3-3202	4	806-4-3202	3	806-6-3202	4	19/32"	H3	4"
3/4"-16	806-3-3301	4	806-4-3301	3	806-6-3301	4	11/16"	H3	4-1/4"
3/4"-10	806-3-3302	4	806-4-3302	3	806-6-3302	4	41/64"	H3	4-1/4"
7/8"-14	806-3-3501	4	806-4-3501	4	806-6-3501	4	51/64"	H4	4-3/4"
7/8"-9	806-3-3502	4	806-4-3502	4	806-6-3502	4	49/64"	H4	4-3/4"
1"-14	806-3-3701	4	806-4-3701	4	806-6-3701	4	59/64"	H4	5-1/8"
1"-8	806-3-3702	4	806-4-3702	4	806-6-3702	4	7/8"	H4	5-1/8"
1"-12	806-3-3703	4	806-4-3703	4	806-6-3703	4	29/32"	H4	5-1/8"
1-1/8"-12	806-3-3901	4	806-4-3901	4	806-6-3901	4	1-1/32"	H4	5-3/8"
1-1/8"-7	806-3-3902	4	806-4-3902	4	806-6-3902	4	63/64"	H4	5-5/8"
1-1/4"-12	806-3-4101	6	806-4-4101	6	806-6-4101	6	1-11/64"	H4	5-3/4"
1-1/4"-7	806-3-4102	4	806-4-4102	4	806-6-4102	4	1-7/64"	H4	5-3/4"
1-3/8"-12	806-3-4301	6	806-4-4301	6	806-6-4301	6	1-19/64"	H4	6-1/16"
1-3/8"-6	806-3-4302	6	806-4-4302	6	806-6-4302	6	1-7/32"	H4	6-1/16"
1-1/2"-12	806-3-4501	6	806-4-4501	6	-	-	1-27/64"	H4	6-3/8"

Metric

Size	Taper	Plug	Bottoming	Drill Size*	Overall Length
M2.5-45	-	806-8-0263	-	2.05mm	1-7/8"
M3-50	806-8-0351	806-8-0350	806-8-0349	2.5mm/#40	2"
M3.5-6	-	806-8-0363	-	2.9mm	2"
M4-7	806-8-0471	806-8-0470	806-8-0469	3.3mm/#30	2-1/8"
M4.5-75	-	806-8-0483	-	3.75mm	2-1/8"
M5-80	806-8-0581	806-8-0580	806-8-0579	4.2mm/#19	2-3/8"
M6-1.0	806-8-0611	806-8-0610	806-8-0609	5mm/#9	2-1/2"
M7-1.0	806-8-0711	806-8-0710	806-8-0709	6mm/ 15/64"	2-1/2"
M8-1.25	806-8-0813	806-8-0812	806-8-0811	6.7mm/ H	2-7/8"
M10-1.25	806-8-1013	806-8-1012	806-8-1011	8.75mm/ 11/32"	3"
M10-1.50	806-8-1016	806-8-1015	806-8-1014	8.5mm/ Q	3"
M12-1.25	806-8-1216	806-8-1215	806-8-1214	10.5 mm/ 13/32"	3-3/8"
M12-1.75	806-8-1219	806-8-1217	806-8-1218	10mm/ X	3-3/8"
M14-1.50	806-8-1416	806-8-1415	806-8-1414	12.5mm/ 1/2"	3-1/2"
M14-2.0	806-8-1421	806-8-1420	806-8-1419	12mm/ 15/32"	3-1/2"
M16-1.50	806-8-1616	806-8-1615	806-8-1614	37/64"	3-3/4"
M16-2.0	806-8-1621	806-8-1620	806-8-1619	35/64"	3-3/4"
M18-1.50	806-8-1816	806-8-1815	806-8-1814	21/32"	4-1/4"
M18-2.50	806-8-1826	806-8-1825	806-8-1824	39/64"	4-1/4"

National Pipe Thread (NPT)

Size	Code#	Drill Size*	Length
1/8-27	806-7-0500	R	2-1/8"
1/4-18	806-7-1300	7/16"	2-3/8"
3/8-18	806-7-2100	37/64"	2-1/2"
1/2-14	806-7-2900	23/32"	3-1/8"
3/4-14	806-7-3300	59/64"	3-1/4"
1-11-1/2	806-7-3700	1-5/32"	3-3/4"

* Drill bit recommendation based on ~75% approximate thread engagement. Reaming is recommended over drilling when hole diameter exceeds 1" (25mm).


<https://dod.email.dia.mil>
 SPMLW1-13-D-E098
 Available in select sizes only