

Taps & Dies

Maintenance Taps

Taper Pipe Taps

FEATURES

- Ground thread for economical tapping
- HSS substrate
- NPT thread design
- Bright finish
- 3-1/2 thread chamfer
- Style 0462 features regular NPT thread design
- Style 0464 features interrupted thread for better lubrication and chip clearance



Style 0462 Regular NPT Thread



Style 0464 Interrupted NPT Thread

INCH SIZES

Tap Size	Tap TPI	Tap Series	Decimal Equiv.	Shank Diameter	Overall Length	Thread Length	Style 0462		Style 0464	
							Flutes	Regular Thread	Flutes	Interrupted Thread
1/8	27	NPT	.1250	.3125	2-1/8	3/4	4	C64213	5	C64223
1/8*	27	NPT	.1250	.4375	2-1/8	3/4	4	C64214	5	C64224
1/4	18	NPT	.2500	.5626	2-7/16	1-1/16	4	C64215	5	C64225
3/8	18	NPT	.3750	.7000	2-9/16	1-1/16	4	C64216	5	C64226
1/2	14	NPT	.5000	.6875	3-1/8	1-3/8	4	C64217	5	C64227
3/4	14	NPT	.7500	.9063	3-1/4	1-3/8	5	C64218	5	C64228
1	11-1/2	NPT	1.0000	1.1250	3-3/4	1-3/8	5	C64219	5	C64229
1-1/4	11-1/2	NPT	1.2500	1.3125	4	1-3/4	5	C64220	5	C64230
1-1/2	11-1/2	NPT	1.5000	1.5000	4-1/4	1-3/4	7	C64221		-
2	11-1/2	NPT	2.0000	1.8750	4-1/2	1-3/4	7	C64222		-

*large shank

Straight Pipe Taps

FEATURES

- Ground thread for economical tapping
- HSS substrate
- NPS thread design, suitable for NPSC or NPSM
- Bright finish
- 3-1/2 thread chamfer



Style 0463 NPS Thread

INCH SIZES

Tap Size	Tap TPI	Tap Series	Decimal Equiv.	No. of Flutes	Shank Diameter	Overall Length	Thread Length	Style 0463 Bright
1/8	27	NPSC	.1250	4	.4375	2-1/8	3/4	C64231
1/4	18	NPSC	.2500	4	.5626	2-7/16	1-1/16	C64232
3/8	18	NPSC	.3750	4	.7000	2-9/16	1-1/16	C64233
1/2	14	NPSC	.5000	4	.6875	3-1/8	1-3/8	C64234
3/4	14	NPSC	.7500	5	.9063	3-1/4	1-3/8	C64235
1	11-1/2	NPSC	1.0000	5	1.1250	3-3/4	1-3/8	C64236



Customer Service: 800.348.2885

Combination Tap and Drill

FEATURES

- Ground thread for economical tapping
- HSS substrate
- Bright finish
- Drill and tap in one operation without changing tools
- Two flutes run length of the tool
- Drill length dictates thickness of material to be worked



Style 0450 Tap/Drill

INCH SIZES

Tap Size	Tap TPI	Thread Series	Decimal Equiv.	No. of Flutes	Overall Length	Thread Length	Drill Length	Drill Size	Style 0450 Bright
6	32	UNF	.1380	2	2	11/16	5/16	.1095	C64937
8	32	UNC	.1640	2	2-1/8	3/4	3/8	.1360	C64960
10	32	UNF	.1900	2	2-3/8	7/8	13/32	.1610	C64961
1/4	20	UNC	.2500	2	2-1/2	15/16	17/32	.2010	C64949
5/16	18	UNC	.3125	2	3	1-1/8	11/16	.2570	C64952
3/8	16	UNC	.3750	2	3-1/2	1-1/4	13/16	.3125	C64955

USCTI Table 325 – Thread Limits

Nominal Size and TPI	Major Diameter			Pitch Diameter			Nominal Size and TPI	Major Diameter			Pitch Diameter		
	Basic	Min	Max	Basic	Min	Max		Basic	Min	Max	Basic	Min	Max
1/16 64 NS	.0625	.0635	.0650	.0524	.0526	.0536	7/8 9 NC	.8750	.8820	.8860	.8028	.8038	.8068
1/8 40 NS	.1250	.1266	.1286	.1088	.1090	.1105	7/8 14 NF	.8750	.8799	.8839	.8286	.8296	.8321
5/32 32 NS	.1563	.1585	.1605	.1360	.1365	.1380	7/8 18 NS	.8750	.8790	.8830	.8389	.8399	.8424
8/16 24 NS	.1875	.1903	.1923	.1604	.1609	.1624	1 8 NC	1.0000	1.0078	1.0118	.9188	.9198	.9228
3/16 32 NS	.1875	.1897	.1917	.1672	.1677	.1692	1 12 NF	1.0000	1.0055	1.0095	.9459	.9469	.9494
1/4 20 NC	.2500	.2532	.2557	.2175	.2180	.2200	1 14 NS	1.0000	1.0049	1.0089	.9536	.9546	.9571
1/4 28 NF	.2500	.2524	.2549	.2268	.2273	.2288	1-1/8 7 NC	1.1250	1.1337	1.1382	1.0322	1.0332	1.0367
5/16 18 NC	.3125	.3160	.3185	.2764	.2769	.2789	1-1/8 12 NF	1.1250	1.1305	1.1350	1.0709	1.0719	1.0749
5/16 24 NF	.3125	.3153	.3178	.2854	.2859	.2874	1-1/4 7 NC	1.2500	1.2587	1.2632	1.1572	1.1582	1.1617
3/8 16 NC	.3750	.3789	.3814	.3344	.3349	.3369	1-1/4 12 NC	1.2500	1.2555	1.2600	1.1959	1.1969	1.1999
3/8 24 NF	.3750	.3778	.3803	.3479	.3484	.3499	1-3/8 6 NC	1.3750	1.3850	1.3895	1.2667	1.2677	1.2712
7/16 14 NC	.4375	.4419	.4449	.3911	.3916	.3941	1-3/8 12 NF	1.3750	1.3805	1.3850	1.3209	1.3219	1.3249
7/16 20 NF	.4375	.4407	.4437	.4050	.4055	.4075	1-1/2 6 NC	1.5000	1.5100	1.5145	1.3917	1.3927	1.3962
1/2 13 NC	.5000	.5047	.5077	.4500	.4505	.4530	1-1/2 12 NF	1.5000	1.5055	1.5100	1.4459	1.4469	1.4499
1/2 20 NF	.5000	.5032	.5062	.4675	.4680	.4700	1-5/8 6 NS	1.6250	1.6355	1.6410	1.5167	1.5182	1.5222
9/16 12 NC	.5625	.5675	.5705	.5084	.5089	.5114	1-3/4 5 NC	1.7500	1.7602	1.7657	1.6201	1.6216	1.6256
9/16 18 NF	.5625	.5660	.5690	.5264	.5269	.5289	1-7/8 5 NS	1.8750	1.8852	1.8907	1.7451	1.7466	1.7506
5/8 11 NC	.6250	.6304	.6334	.5660	.5665	.5690	2 4-1/2 NC	2.0000	2.0111	2.0166	1.8557	1.8572	1.8612
5/8 18 NF	.6250	.6285	.6315	.5889	.5894	.5914	2-1/4 4-1/2 NC	2.2500	2.2611	2.2671	2.1057	2.1072	2.1117
3/4 10 NC	.7500	.7559	.7599	.6850	.6855	.6885	2-1/2 4 NC	2.5000	2.5128	2.5188	2.3376	2.3396	2.3441
3/4 16 NF	.7500	.7539	.7579	.7094	.7099	.7124							