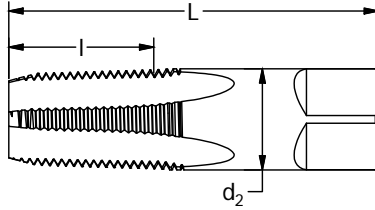


Note
Tapping Speeds and Feeds
see Technical section.

HSS
311
3/4" / 12"
Pipe 3-1/2
NPT
NPTF Dryseal
Surface Treatment
Bright
TiN



Pipe Tap
High Speed Steel

tap size and pitch	decimal equiv.	# of flutes	shank diameter d ₂ (in)	overall length l ₁ (in)	thread length l ₂ (in)	order number			
						Bright		TiN	
						965B NPT	975 NPTF	965TN NPT	975TN NPTF
1/16-27	.0625	4	.3125	2.125	.688	C64036	C64058	C56700	C55680
1/8-27*	.1250	4	.3125	2.125	.750	C64037	C64059	C56701	-
1/8-27	.1250	4	.4375	2.125	.750	C64038	C64060	C56702	C55682
1/4-18	.2500	4	.5625	2.438	1.063	C64039	C64061	C56703	C55683
3/8-18	.3750	4	.7000	2.563	1.063	C64040	C64062	C56704	C55684
1/2-14	.5000	4	.6875	3.125	1.375	C64041	C64063	C56705	C55685
3/4-14	.7500	5	.9063	3.250	1.375	C64042	C64064	C56706	C55686
1-11-1/2	1.0000	5	1.1250	3.750	1.750	C64043	C64065	-	C55687
1-1/4-11-1/2	1.2500	5	1.3125	4.000	1.750	C64044	-	-	-
1-1/2-11-1/2	1.5000	7	1.5000	4.250	1.750	C64045	-	-	-
2-11-1/2	2.0000	7	1.8750	4.500	1.750	C64046	-	-	-

* small shank

Material Reference	Steel (HRC)				Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
Bright	☆		☆					◆	◆				
TiN													

☆ = Best Performance ◆ = Acceptable