



## Economical High Performance Taps

For Unified Threads

### Z-PRO HT



\*Z-PRO HT have a Bright Surface Finish  
 \*AVAILABLE IN TIN AND TICN UPON REQUEST  
 Custom Blend High Vanadium HSS

For Tapping Steels, Irons, Brass and Plastics

Z-PRO HT are manufactured from YMW's own high speed steel for maximum toughness and wear life.

Z-PRO HT are the most popular style of general purpose taps for tapping under power or by hand.

Plug Style (5 threads chamfered)  
 DIN lengths with ANSI shank dimensions.

Z-PRO Series HT

Machine Screw Sizes  
 Fractional Sizes

Nominal Size	TPI NC UNC	NF UNF	No. of Flutes	Pitch Diameter Limit/ EDP Numbers					Dimensions		
				H1	H2	H3	H4	H5	Length of Thread	Neck Length	Length Overall
0	80	—	2	TSUN0B1NEB5	TSUN0B2NEB5	—	—	—	.236	—	1.772
1	64	—	2	TSUN1D1NEB5	TSUN1D2NEB5	—	—	—	.275	—	1.772
1	—	72	2	TSUN1C1NEB5	TSUN1C2NEB5	—	—	—	.375	—	1.772
2	56	—	3	TSUN2E1NEB5	TSUN2E2NEB4	—	—	—	.314	—	1.772
2	—	64	3	TSUN2D1NEB5	TSUN2D2NEB5	—	—	—	.314	—	2.205
3	48	—	3	TSUN3F1NEB5	TSUN3F2NEB5	—	—	—	.314	.669	2.205
3	—	56	3	TSUN3E1NEB5	TSUN3E2NEB5	—	—	—	.354	.669	2.205
4	40	—	3	—	TSUN4H2NEB5	TSUN4H3NEB4	—	—	.354	.709	2.205
4	—	48	3	TSUN4F1NEB5	TSUN4F2NEB5	—	—	—	.354	.709	2.205
5	40	—	3	—	TSUN5H2NEB5	TSUN5H3NEB4	—	—	.433	.768	2.205
5	—	44	3	—	TSUN5G2NEB5	TSUN5G3NEB5	—	—	.433	.768	2.205
6	32	—	3	—	TSUN6J2NEB5	TSUN6J3NEB4	—	—	.433	.768	2.205
6	—	40	3	—	TSUN6H2NEB5	TSUN6H3NEB4	—	—	.433	.768	2.205
8	32	—	4	—	TSUN8J2NEB5	TSUN8J3NEB4	—	—	.512	.827	2.480
8	—	36	4	—	TSUN8I2NEB5	TSUN8I3NEB5	—	—	.512	.827	2.480
10	24	—	4	—	TSUNAM2NEB5	TSUNAM3NEB4	—	—	.551	.984	2.756
10	—	32	4	—	TSUNAJ2NEB5	TSUNAJ3NEB4	—	—	.551	.984	2.756
12	24	—	4	—	TSUNCM2NEB5	TSUNCM3NEB4	—	—	.591	.984	3.150
12	—	28	4	—	TSUNCK2NEB5	TSUNCK3NEB5	—	—	.591	.984	3.150
1/4	20	—	4	—	—	TSU04N3NEB5	TSU04N4NEB4	—	.591	1.181	3.150
1/4	—	28	4	—	TSU04K2NEB5	TSU04K3NEB5	—	—	.591	1.181	3.150
5/16	18	—	4	—	—	TSU05O3NEB5	TSU05O4NEB4	—	.748	1.378	3.543
5/16	—	24	4	—	—	TSU05M3NEB5	TSU05M4NEB4	—	.748	1.378	3.543
3/8	16	—	4	—	—	TSU06P3NEB5	—	TSU06P5NEB4	.906	1.535	3.937
3/8	—	24	4	—	—	TSU06M3NEB5	TSU06M4NEB4	—	.906	1.535	3.937
7/16	14	—	4	—	—	—	TSU07Q4NEB5	TSU07Q5NEB4	.906	—	3.937
7/16	—	20	4	—	—	TSU07N3NEB5	TSU07N4NEB4	—	.906	—	3.937
1/2	13	—	4	—	—	—	TSU08R4NEB5	TSU08R5NEB4	1.024	—	4.331
1/2	—	20	4	—	—	TSU08N3NEB5	TSU08N4NEB4	—	1.024	—	4.331
9/16	12	—	4	—	—	—	TSU09S4NEB5	TSU09S5NEB4	1.024	—	4.331
9/16	—	18	4	—	—	—	TSU09O4NEB5	TSU09O5NEB4	1.024	—	4.331