

6-Flute TiN Coated Premium Cobalt Countersinks — 60°, 82°, 90°, 100°, 110°, 120°



- Excellent for countersinking abrasive, high-strength, heat resistant, exotic and other difficult to machine materials
- TiN coated for higher surface hardness and better lubricity to enhance productivity and longer tool life



Body Dia. (in.)	Shank Dia. (in.)	60°	60° Code No.	Price \$	82°	82° Code No.	Price \$	90°	90° Code No.	Price \$
1/8	1/8	HSP-1/8-60T	121350	19.84	HSP-1/8-82T	121372	21.10	HSP-1/8-90T	121394	21.10
3/16	3/16	HSP-3/16-60T	121352	21.33	HSP-3/16-82T	121374	22.39	HSP-3/16-90T	121396	22.39
1/4	1/4	HSP-1/4-60T	121354	21.68	HSP-1/4-82T	121376	25.97	HSP-1/4-90T	121398	25.97
5/16	1/4	HSP-5/16-60T	121356	28.18	HSP-5/16-82T	121378	27.95	HSP-5/16-90T	121400	27.95
3/8	1/4	HSP-3/8-60T	121358	27.72	HSP-3/8-82T	121380	33.16	HSP-3/8-90T	121402	33.16
1/2	3/8	HSP-1/2-60T	121360	42.43	HSP-1/2-82T	121382	41.05	HSP-1/2-90T	121404	41.05
5/8	3/8	HSP-5/8-60T	121362	56.70	HSP-5/8-82T	121384	61.92	HSP-5/8-90T	121406	56.94
3/4	1/2	HSP-3/4-60T	121364	85.93	HSP-3/4-82T	121386	90.23	HSP-3/4-90T	121408	90.23
7/8	1/2	HSP-7/8-60T	121366	101.59	HSP-7/8-82T	121388	101.59	HSP-7/8-90T	121410	101.59
1	1/2	HSP-1-60T	121368	110.18	HSP-1-82T	121390	124.89	HSP-1-90T	121412	114.69
1-1/4	1/2	HSP-1-1/4-60T	121370	169.89	HSP-1-1/4-82T	121392	200.16	HSP-1-1/4-90T	121414	183.92

Body Dia. (in.)	Shank Dia. (in.)	100°	100° Code No.	Price \$	110°	110° Code No.	Price \$	120°	120° Code No.	Price \$
1/8	1/8	HSP-1/8-100	121416	21.10	HSP-1/8-110	121436	21.10	HSP-1/8-120	121456	21.10
3/16	3/16	HSP-3/16-100	121418	22.26	HSP-3/16-110	121438	22.39	HSP-3/16-120	121458	24.36
1/4	1/4	HSP-1/4-100	121420	23.89	HSP-1/4-110	121440	23.89	HSP-1/4-120	121460	23.89
5/16	1/4	HSP-5/16-100	121422	27.95	HSP-5/16-110	121442	27.95	HSP-5/16-120	121462	27.95
3/8	1/4	HSP-3/8-100	121424	30.50	HSP-3/8-110	121444	30.50	HSP-3/8-120	121464	30.50
1/2	3/8	HSP-1/2-100	121426	41.05	HSP-1/2-110	121446	41.05	HSP-1/2-120	121466	41.05
5/8	3/8	HSP-5/8-100	121428	56.94	HSP-5/8-110	121448	56.94	HSP-5/8-120	121468	61.92
3/4	1/2	HSP-3/4-100	121430	82.91	HSP-3/4-110	121450	82.91	HSP-3/4-120	121470	82.91
7/8	1/2	HSP-7/8-100	121432	101.59	HSP-7/8-110	121452	101.59	HSP-7/8-120	121472	101.59
1	1/2	HSP-1-100	121434	114.69	HSP-1-110	121454	114.69	HSP-1-120	121474	114.69

6-Flute Carbide Countersinks



For use on hardened steel up to 60HRC, high temperature alloys and other tough jobs.



Cutting Dia. (in.)	Shank Dia. (in.)	Included Angle	Code No.	Price \$
1/4	1/4	60°	172920	21.91
1/4	1/4	82°	172921	21.91
1/4	1/4	90°	172922	21.91
3/8	1/4	60°	172923	36.10
3/8	1/4	82°	172924	36.10
3/8	1/4	90°	172925	36.10
1/2	1/4	60°	172926	47.94
1/2	1/4	82°	172927	100.41
1/2	1/4	90°	172928	47.94
5/8	3/8	60°	172929	67.63
5/8	3/8	82°	172930	67.63
5/8	3/8	90°	172931	67.63
3/4	3/8	60°	172932	98.92
3/4	3/8	82°	172933	98.92
3/4	3/8	90°	172934	98.92
1	1/2	60°	172935	136.31
1	1/2	82°	172936	136.31
1	1/2	90°	172937	136.31

Multi-Flute Carbide Countersinks



For use on hardened steel up to 60HRC to countersink or chamfer.



Cutting Dia. (in.)	Shank Dia. (in.)	Included Angle	Code No.	Price \$
1/4	1/4	60°	172900	20.28
1/4	1/4	82°	172901	20.28
1/4	1/4	90°	172902	20.28
3/8	1/4	60°	172903	22.86
3/8	1/4	82°	172904	22.86
3/8	1/4	90°	172905	22.86
1/2	1/4	60°	172906	32.35
1/2	1/4	82°	172907	32.35
1/2	1/4	90°	172908	32.35
5/8	3/8	60°	172909	44.54
5/8	3/8	82°	172910	44.54
5/8	3/8	90°	172911	44.54
3/4	3/8	60°	172912	59.89
3/4	3/8	82°	172913	59.89
3/4	3/8	90°	172914	59.89
1	1/2	60°	172915	95.40
1	1/2	82°	172916	95.40
1	1/2	90°	172917	95.40