

Drilling & Holemaking

Single Flute Countersinks HSS — 60°, 82°, 90°, 100°, 120°

- Radial relief generated in the first 90 degrees behind the cutting edge, ensures smooth, chatter-free cutting without overfeeding and makes the tool self-centering
- Steam black oxide surface treatment enhances tool life and prevents galling
- The best style countersink for use in hand held applications
- 100% CNC manufactured to tighter than industry standard tolerances



Body Dia. (in.)	Shank Dia. (in.)	60°	60° HSS Code No.	Price \$	82°	82° HSS Code No.	Price \$	90°	90° HSS Code No.	Price \$
1/8	1/8	HS1-1/8-60	121560	20.10	HS1-1/8-82	121571	18.31	HS1-1/8-90	121582	20.10
3/16	3/16	HS1-3/16-60	121561	20.21	HS1-3/16-82	121572	20.21	HS1-3/16-90	121583	18.54
1/4	1/4	HS1-1/4-60	121562	21.77	HS1-1/4-82	121573	21.18	HS1-1/4-90	121584	22.84
3/8	1/4	HS1-3/8-60	121563	28.83	HS1-3/8-82	121574	28.36	HS1-3/8-90	121585	30.39
1/2	1/4	HS1-1/2-60	121564	32.89	HS1-1/2-82	121575	34.82	HS1-1/2-90	121586	34.82
5/8	3/8	HS1-5/8-60	121565	48.09	HS1-5/8-82	121576	48.32	HS1-5/8-90	121587	50.85
3/4	1/2	HS1-3/4-60	121566	68.55	HS1-3/4-82	121577	69.37	HS1-3/4-90	121588	69.37
1	1/2	HS1-1-60	121567	102.76	HS1-1-82	121578	107.65	HS1-1-90	121589	107.65
1-1/4	1/2	HS1-1-1/4-60	121568	181.83	HS1-1-1/4-82	121579	184.10	HS1-1-1/4-90	121590	184.10
1-1/2	3/4	HS1-1-1/2-60	121569	248.80	HS1-1-1/2-82	121580	241.03	HS1-1-1/2-90	121591	243.19
2	3/4	HS1-2-60	121570	470.69	HS1-2-82	121581	471.41	HS1-2-90	121592	470.69

Body Dia. (in.)	Shank Dia. (in.)	100°	100° HSS Code No.	Price \$	120°	120° HSS Code No.	Price \$
1/8	1/8	HS1-1/8-100	121593	18.42	HS1-1/8-120	121601	18.42
3/16	3/16	HS1-3/16-100	121594	19.38	HS1-3/16-120	121602	19.38
1/4	1/4	HS1-1/4-100	121595	20.34	HS1-1/4-120	121603	22.84
3/8	1/4	HS1-3/8-100	121596	27.14	HS1-3/8-120	121604	28.83
1/2	1/4	HS1-1/2-100	121597	32.89	HS1-1/2-120	121605	35.06
5/8	3/8	HS1-5/8-100	121598	45.71	HS1-5/8-120	121606	46.17
3/4	1/2	HS1-3/4-100	121599	66.27	HS1-3/4-120	121607	65.67
1	1/2	HS1-1-100	121600	103.11	HS1-1-120	121608	105.73

Chatterfree HSS Countersinks



Size	Range	Shank Dia.	82° HSS Code No.	Price \$	90° HSS Code No.	Price \$
0	1/16-15/64	1/4	121003	29.49	121002	29.50
1	5/32-13/32	1/4	121005	31.53	121004	31.54
2	3/16-17/32	1/4	121010	36.23	121009	36.23
3	5/16-25/32	1/2	121015	63.26	121014	63.26
4	9/16-1-1/16	1/2	121020	111.30	121019	115.31
5	5/8-1-15/32	1/2	121025	217.07	121024	254.00
6	3/4-1-3/4	5/8	121030	340.48	121031	397.37



We've taken the guesswork out of your tap selection!

See Chapter C