

82° 6 FLUTE CHATTERLESS COUNTERSINKS & SET

For Producing Machined Countersinks In Holes

- Right Hand.
- High speed steel.
- 6 fluted cutters with relatively short length for maximum rigidity.

8 PC SET
1/4~1"
Item 2001-3001
\$8716
(F)



Size	Shank Dia.	Overall Length	Item#	Price (F)
3/16"	3/16"	1-1/2"	2001-3187	3.91
1/4"	1/4"	1-1/2"	2001-3250	4.22
5/16"	1/4"	1-3/4"	2001-3312	4.98
3/8"	1/4"	1-3/4"	2001-3375	5.89
1/2"	1/4"	2-1/8"	2001-3500	8.16
5/8"	1/2"	2-3/8"	2001-3625	10.30
3/4"	1/2"	2-11/16"	2001-3750	15.56
7/8"	1/2"	2-13/16"	2001-3875	19.59
1"	1/2"	2-13/16"	2001-4000	25.70
1-1/4"	3/4"	3-3/8"	2001-4250	43.12
1-1/2"	3/4"	3-1/2"	2001-4500	66.34
1-3/4"	1"	4-1/4"	2001-4750	84.36
2"	1"	4-3/8"	2001-4999	96.26

5PC ZERO-FLUTE COUNTERSINK & DEBURRING TOOL SETS

- Cam relieved for totally chatter free cuts
- Through hole design that is easy to re-sharpen using a small grinding wheel in cross-hole
- Excels in aluminum, plastics and other nonmetals

82° 5 PC SET
Item 2001-0006
\$30¹¹



5 PC INCLUDES

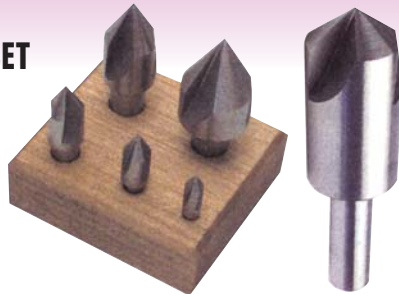
Size	Dia. Cut Range	Shank Diameter
0 double end	1/16~15/64"	1/4"
1 single end	5/32~13/32"	1/4"
2 single end	3/16~17/32"	1/4"
3 single end	5/16~25/32"	1/2"
4 single end	9/16~1-3/32"	1/2"

HIGH SPEED STEEL

Item#	Degree	Price (F)
2001-0005	60°	30.11
2001-0006	82°	30.11
2001-0007	90°	30.11

HSS 82° 3-FLUTE COUNTERSINKS & SET

- Utilized in countersinking screw and rivet heads and for centering lathe work.
- 3-Flute eliminates chatter in most applications, while providing better accuracy than a single flute countersink.



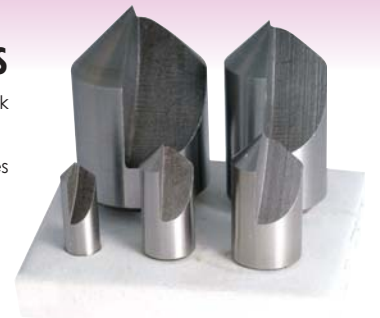
Diameter Cutter	Shank	OAL Approx.	82° Item#	Price (F)
1/4"	3/16"	1-1/2"	2001-1250	5.25
3/8"	1/4"	1-3/4"	2001-1375	6.30
1/2"	3/8"	2"	2001-1500	8.66
5/8"	3/8"	2-1/4"	2001-1625	12.60
3/4"	1/2"	2-5/8"	2001-1750	19.43
1"	1/2"	3-1/2"	2001-2000	26.25

HIGH SPEED STEEL

5 PC SET
Item 2001-2005
\$46⁷³
(E)
1/4, 3/8, 1/2, 3/4 & 1"

SINGLE FLUTE COUNTERSINKS & SETS

- For portable and machine work when operated at comparatively high speeds
- Single flutes will countersink holes much smaller than multi-flute tools



HIGH SPEED STEEL OR COBALT

5 PC. SETS: 1/4, 3/8, 1/2, 3/4 & 1"

Degree	HSS Item#	Price (F)	Cobalt Item#	Price (F)
60°	2000-0030	41.55	2000-0035	57.52
82°	2000-0031	41.55	2000-0036	57.52
90°	2000-0032	41.55	2000-0037	57.52

INDIVIDUAL

Diameter Body	End	Dia. of Shank	OAL Approx.	82°, HSS Item#	Price (F)
1/4"	1/32"	1/4"	2"	2001-0250	4.73
3/8"	1/32"	1/4"	2"	2001-0375	6.00
1/2"	1/32"	1/4"	2"	2001-0500	8.66
5/8"	1/32"	3/8"	2-1/4"	2001-0625	11.55
3/4"	1/8"	1/2"	2-3/4"	2001-0750	15.23
1"	1/8"	1/2"	2-3/4"	2001-1000	19.95

DOVETAIL CUTTERS & SET



SET INCLUDES:

- Sizes: 3/8, 1/2, 3/4, 1-3/8 & 1-7/8"
- Supplied with wooden stand

5PC SET
Item 2006-0205
\$146⁴⁸
(E)

HIGH SPEED STEEL • RIGHT HAND CUT • 60° ANGLE

Item#	Cutter Dia.	Shank Dia.	Face OAL	Width	Price (E)
2006-0210	3/8"	3/8"	2-1/8"	3/16"	15.89
2006-0212	1/2"	3/8"	2-1/8"	1/4"	19.17
2006-0214	3/4"	3/8"	2-1/8"	5/16"	19.79
2006-0216	1-3/8"	5/8"	2-7/8"	9/16"	35.16
2006-0218	1-7/8"	7/8"	3-1/4"	13/16"	62.27
2006-0220	2-1/4"	1"	3-3/4"	1-1/16"	78.11