



Single Flute High Speed Steel Countersinks

For chatterless burr free operation
For production machined countersinks in holes



HIGH SPEED STEEL

Size	Shank Dia.	OAL	60° Angle	82° Angle	90° Angle	Price
1/4"	3/16"	1-7/16"	415-5447	415-5452	415-5457	\$8.53
3/8	1/4	1-21/32	415-5448	415-5453	415-5458	9.72
1/2	1/4	1-13/32	415-5449	415-5454	415-5459	12.42
3/4	1/2	1-27/32	415-5450	415-5455	415-5460	17.14
1	1/2	1-13/16	415-5451	415-5456	415-5461	22.86



Single & 6 Flute Solid Carbide Countersinks

Straight Shank • Right Hand • C2 Grade • 60°, 82°, 90° or 100° Angle

For deburring, chamfering, spotting and countersinking

Can be used when multi-flute countersink chatter

Steel Shank



SINGLE FLUTE



SIX FLUTE - CHATTERLESS

Size	Shank Dia.	OAL	Single Flute				Price	6 Flute - Chatterless Design				Price
			60° Angle	82° Angle	90° Angle	100° Angle		60° Angle	82° Angle	90° Angle	100° Angle	
1/8"	1/8"	1-1/2"	415-5268	415-5276	415-5284	415-5292	\$4.79	415-5332	415-5340	415-5348	415-5356	\$7.14
3/16	3/16	2	415-5269	415-5277	415-5285	415-5293	7.18	415-5333	415-5341	415-5349	415-5357	7.14
1/4	1/4	2	415-5270	415-5278	415-5286	415-5294	7.87	415-5334	415-5342	415-5350	415-5358	7.50
3/8	1/4	2	415-5271	415-5279	415-5287	415-5295	15.01	415-5335	415-5343	415-5351	415-5359	13.93
1/2	1/4	2	415-5272	415-5280	415-5288	415-5296	21.43	415-5336	415-5344	415-5352	415-5360	19.66
5/8	1/2	2-3/4	415-5273	415-5281	415-5289	415-5297	28.22	415-5337	415-5345	415-5353	415-5361	26.80
3/4	1/2	2-3/4	415-5274	415-5282	415-5290	415-5298	40.03	415-5338	415-5346	415-5354	415-5362	39.30
1	1/2	3	415-5275	415-5283	415-5291	415-5299	64.32	415-5339	415-5347	415-5355	415-5363	53.59



HSS & Cobalt Countersink 5 pc. Set



HSS & Cobalt 6-Flute Countersink Set

- **Single-Flute** designed for general purpose countersinking, channeling or deburring
- Used in machine tool or hand-held applications
- 5 pc. sets include 1/4, 3/8, 1/2, 5/8, 3/4"



Angle	Order No.	HSS(B)	Order No.	Cobalt(D)
60°	404-0206	\$24.95	404-0209	\$43.95
82°	404-0207	24.95	404-0210	43.95
90°	404-0208	24.95	404-0211	43.95

- Flute arrangement designed for fast cuts
- **8pc.** sets include 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, & 1"



Angle	Order No.	HSS(F)	Order No.	Cobalt(F)
60°	404-0203	\$48.95	404-0212	\$62.50
82°	404-0204	48.95	404-0213	62.50
90°	404-0205	48.95	404-0214	62.50



HSS & Cobalt 3-Flute Countersink Set

- Flute arrangement designed for fast cuts
- **5pc.** sets include 1/4, 3/8, 1/2, 5/8, 3/4"



Angle	Order No.	HSS(F)	Order No.	Cobalt(F)
60°	404-0215	\$48.95	404-0218	\$62.50
82°	404-0216	42.95	404-0219	62.50
90°	404-0217	48.95	404-0220	62.50



Rout-A-Burr Kits

OrderNo.	4pc.set	Price(F)	OrderNo.	13pcS.set	Price(F)
505-1130		\$3.00	505-1131		\$6.10



4pc.Set

Includes: handle, blade holder & 2 blades. 1 each (B10)&(B20)

Replacement Blades:

Order#	Description	Price	Price(D)
505-1140	B10 For Steel and Aluminum	1-9 \$0.25	10 or more \$0.23
505-1141	B20 For Brass and Cast Iron	\$0.25	\$0.23

13pc. set includes:

- 1 Handle.blade holder.
- 8 blades for steel.B10
- 4 blades for brass and cast iron.B20



Heavy Rout-A-Burr Kits

Non-telescoping handle and blades
1 each E100 & E200



OrderNo.	Price(F)
505-1132	\$4.20

Order#	Description	Model#	Price(E)
505-1142	A-For Steel & Aluminum	E100	\$1.00
505-1143	B-For Brass & Cast Iron	E200	1.00