

**TAKE
THE
EDGE
OFF**



...with Superior Quality Magafor Countersinks

Combined Drill & Countersink



PLAIN TYPE M2 HIGH SPEED STEEL – 60° ANGLE						
Size	Body Diameter	Point Diameter	Point Length	Overall Length	Code	PROMO PRICE
000	1/8"	0.020"	1/32"	1-1/4"	540599	\$ 6.50
00	1/8"	0.025"	1/32"	1-1/4"	540600	5.00
0	1/8"	1/32"	3/64"	1-1/4"	540610	4.20
1	1/8"	3/64"	1/16"	1-1/4"	540611	4.20
2	3/16"	5/64"	7/64"	1-7/8"	540612	4.30
3	1/4"	7/64"	9/64"	2"	540613	4.50
4	5/16"	1/8"	5/32"	2-1/8"	540614	5.70
4-1/2	3/8"	9/64"	3/16"	2-1/2"	540604	7.50
5	7/16"	3/16"	1/4"	2-3/4"	540615	8.20
6	1/2"	7/32"	19/64"	3"	540616	10.50
7	5/8"	1/4"	5/16"	3-1/4"	540617	20.00
8	3/4"	5/16"	13/32"	3-1/2"	540618	32.00
9	7/8"	11/32"	7/16"	3-5/8"	540619	60.00
10	1"	3/8"	1/2"	3-3/4"	540598	65.00
BRITISH STANDARD						
1	1/8"	3/64"	1/16"	1-1/2"	540605	6.00
2	3/16"	1/16"	3/32"	1-3/4"	540606	6.00
3	1/4"	3/32"	1/8"	2"	540607	6.40

NC Spotting Drills – Standard & Stub Length



STANDARD LENGTH – COBALT						
Body Diameter Inch	Body Diameter Decimal Inch	Flute Length	Overall Length	90° Code	120° Code	PROMO PRICE
1/8	0.125	3/8"	2"	540658	540668	\$ 12.00
3/16	0.188	5/8"	2-3/8"	540659	540669	14.00
1/4	0.250	7/8"	2-5/8"	540660	540670	16.00
3/8	0.375	1"	3-1/2"	540661	540671	17.00
1/2	0.500	1-3/8"	4"	540662	540672	20.00
5/8	0.625	1-3/8"	4-1/2"	540663	540673	28.00
3/4	0.750	1-5/8"	5-1/8"	540664	540674	40.00
1	1.000	1-3/4"	5-1/2"	540665	540675	85.00



STUB LENGTH – MICROGRAIN SOLID CARBIDE							
Body Diameter		Flute Length	Overall Length	90° Code	120° Code	PROMO PRICE	
Inch	mm						
-	2	0.0787	5/16"	1-9/16"	540050	540070	\$ 47.30
-	3	0.1181	3/8"	1-3/4"	540051	540071	42.70
-	4	0.1575	7/16"	2"	540052	540072	40.00
-	5	0.1969	9/16"	2"	540053	540073	40.00
-	6	0.2362	11/16"	2"	540054	540074	42.00
1/4	-	0.2500	11/16"	2"	540055	540075	42.00
-	8	0.3150	7/8"	2-3/8"	540056	540076	63.00
3/8	-	0.3750	1"	2-3/4"	540057	540077	63.00
-	10	0.3937	1"	2-3/4"	540058	540078	90.90
-	12	0.4724	1"	2-3/4"	540059	540079	115.60
1/2	-	0.5000	1"	2-3/4"	540060	540080	119.00
-	14	0.5512	1"	3"	540061	540081	184.20
5/8	-	0.6250	1"	3-1/8"	540062	540082	190.00
-	16	0.6299	1"	3-1/8"	540063	540083	198.10
-	20.1	0.7874	1-3/8"	4"	540064	540084	371.40

TAKE THE EDGE OFF

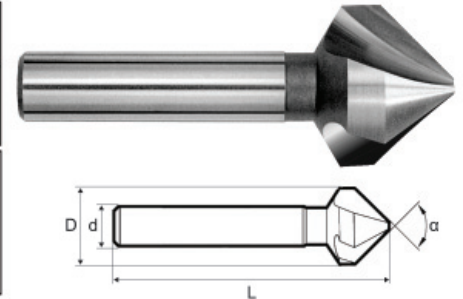
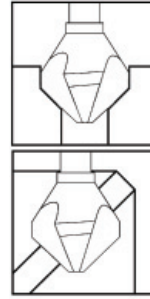


...with Superior Quality Magafor Countersinks



Metric Countersinks & 5-Piece Sets

- Wide flutes provide good chip evacuation
- Positive cut
- Constant profile aids regrinding of the tool
- Self-centering of the cutting mill (three bearing points)
- Virtually eliminates vibration



COBALT M35 – 3 FLUTE							
D Overall Diameter	d Shank Diameter	Chamfer Range Min/Max	L Overall Length	60° Included Code	82° Included Code	90° Included Code	PROMO PRICE
10.4mm	6mm	2.5mm - 10.4mm	2"	540301	540311	540321	\$ 21.00
16.5mm	10mm	3.2mm - 16.5mm	2-1/4"	540302	540312	540322	28.70
20.5mm	10mm	3.5mm - 20.5mm	2-1/2"	540303	540313	540323	35.00
25.0mm	10mm	3.8mm - 25.0mm	2-5/8"	540304	540314	540324	45.00
31.0mm	12mm	4.2mm - 31.0mm	2-3/4"	540305	540315	540325	68.00

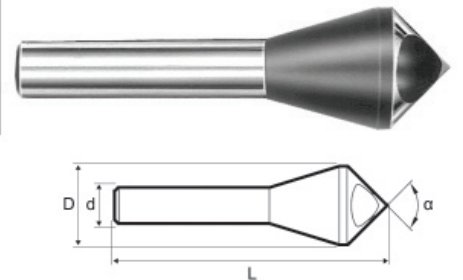
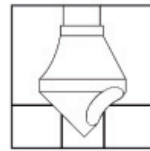


- 5-piece metric set includes 10.4mm, 16.5mm, 20.5mm, 25mm and 31mm overall diameter sizes
- Sets supplied in fitted storage case

Included Angle	Code	PROMO PRICE
60°	540351	\$ 199.00
82°	540352	199.00
90°	540353	199.00

Chatter-Free Countersinks & 5-Piece Metric Sets

- The "hole style" deburring tool is designed to countersink and chamfer light metals and plastics
- The finish is smooth and free of burrs
- Lubrication is recommended



COBALT M35 – CHATTER-FREE – WITH HOLE										
D Overall Diameter	D Overall Diameter	d Shank Diameter	Chamfer Range Min/Max	L Overall Length	60° Included		82° Included		90° Included	
					Code	PROMO PRICE	Code	PROMO PRICE	Code	PROMO PRICE
1/4"	—	1/4"	0.08" - 0.20"	1-3/4"	601076	\$ 23.00	601081	\$ 23.00	601086	\$ 23.00
—	10mm	6mm	4mm - 9mm	1-3/4"	540101	15.20	540111	15.20	540121	15.20
7/16"	—	1/4"	0.20" - 0.39"	1-3/4"	601077	15.20	601082	15.20	601087	15.20
9/16"	—	1/4"	0.24" - 0.51"	2"	601078	20.50	601083	20.50	601088	20.50
—	15mm	8mm	6mm - 14mm	2"	540102	20.50	540112	20.50	540122	20.50
—	20mm	10mm	8mm - 18mm	2-1/2"	540103	36.90	540113	36.90	540123	36.90
13/16"	—	1/2"	0.31" - 0.70"	2-5/8"	601079	35.90	601084	35.90	601089	35.90
—	25mm	12mm	10mm - 23mm	3"	540104	52.80	540114	52.80	540124	52.80
—	30mm	12mm	12mm - 28mm	3-1/2"	540105	68.10	540115	68.10	540125	68.10



- 5-piece metric set includes 10mm, 15mm, 20mm, 25mm and 30mm overall diameter sizes
- Sets supplied in fitted storage case

Included Angle	Code	PROMO PRICE
60°	540151	\$ 196.60
82°	540152	196.60
90°	540153	196.60

Offer valid until February 28th, 2012 or while quantities last!