

SPOTTING/CENTERING DRILLS/COUNTERSINKS

C

NC SPOTTING DRILLS

HSS M35 5% Cobalt-Standard Length



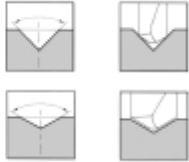
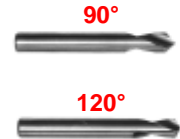
FEATURES:

- Very narrow chisel edge. Short flute and stubby length provide precise spotting prior to drilling.
- ".h6" tolerance ensures perfect centering of the web and cutting edge.
- Point Angle 90° can combine centering and chamfering into one operation.
- Point Angle 120° best when follow-on drill has a 118° drill point, precise hole location.

Full Line Available!

Please call for more information.

magafor



Magafor Quantity Discounts	
1-5 pcs	LIST
5-9 pcs	5% OFF
10+ pcs	10% OFF
Must be the same part number. (End Users Only)	

Size	Dec.	OAL	Cutting Length	90° Angle Part Number	120° Angle Part Number	Price Each
2 mm	.0787	1-5/8	5/16	MAG-1950200	MAG-1960200	12.20
3 mm	.1181	2	7/16	MAG-1950300	MAG-1960300	11.14
4 mm	.1575	2-1/16	1/2	MAG-1950400	MAG-1960400	12.20
5 mm	.1969	2-3/8	5/8	MAG-1950500	MAG-1960500	13.94
6 mm	.2362	2-5/8	3/4	MAG-1950600	MAG-1960600	15.34
1/4"	.2500	2-5/8	7/8	MAG-1950635	MAG-1960635	15.68
8 mm	.3150	3-1/8	1	MAG-1950800	MAG-1960800	16.36
3/8"	.3750	3-1/2	1	MAG-1950952	MAG-1960952	16.73
10 mm	.3937	3-1/2	1	MAG-1951000	MAG-1961000	18.09
12 mm	.4724	4	1-1/4	MAG-1951200	MAG-1961200	20.89
1/2"	.5000	4	1-3/8	MAG-1951270	MAG-1961270	21.61
14 mm	.5512	4-1/2	1-3/8	MAG-1951400	MAG-1961400	25.42
5/8"	.6250	4-1/2	1-3/8	MAG-1951587	MAG-1961587	31.35
16 mm	.6299	4-1/2	1-3/8	MAG-1951600	MAG-1961600	32.75
18 mm	.7087	5-1/8	1-5/8	MAG-1951800	MAG-1961800	39.36
3/4"	.7500	5-1/8	1-5/8	MAG-1951905	MAG-1961905	43.89
20 mm	.7874	5-1/8	1-5/8	MAG-1952000	MAG-1962000	45.63
25 mm	.9843	5-1/2	1-3/4	MAG-1952500	MAG-1962500	80.46
1"	1.000	5-1/2	1-3/4	MAG-1952540	MAG-1962540	84.10

COMBINED DRILL & COUNTERSINKS

Plain Type-60° Angle HSS M2



magafor



Size	Body Dia	Point Dia	Point Lngth	OAL	Pkg Qty	Part Number	Price Each
000	1/8	.020	.020	1-1/4	10	MAG-1150001	4.27
00	1/8	.025	.020	1-1/4	10	MAG-1150002	4.27
0	1/8	.031	.031	1-1/4	10	MAG-1150003	4.27
1-0	1/8	.040	.040	1-1/4	10	MAG-1103151	4.27
1	1/8	3/64	3/64	1-1/4	10	MAG-1150100	3.52
(BS 2)	3/16	1/16	1/16	1-3/4	5	MAG-1140200	3.62
2	3/16	5/64	5/64	1-7/8	5	MAG-1150200	3.62
(BS 3)	1/4	3/32	3/32	2	5	MAG-1140300	3.80
3	1/4	7/64	7/64	2	5	MAG-1150300	3.80
4	5/16	1/8	1/8	2-1/8	5	MAG-1150400	3.99
4-1/2	3/8	9/64	9/64	2-1/2	5	MAG-1150450	5.36
5	7/16	3/16	3/16	2-3/4	5	MAG-1150500	6.22
6	1/2	7/32	7/32	3	5	MAG-1150600	9.27
7	5/8	1/4	1/4	3-1/4	1	MAG-1150700	13.59
8	3/4	5/16	5/16	3-1/2	1	MAG-1150800	21.09
9	7/8	11/32	11/32	3-5/8	1	MAG-1150900	37.54
10	1	3/8	3/8	3-3/4	1	MAG-1151000	46.95

CENTER DRILL SETS

5 Tools Per Set

magafor

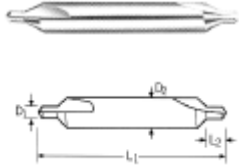


Description	Part Number	Set Price
PLAIN TYPE 60° #1 TO #5	MAG-S115	\$23.89
PLAIN TYPE 82° #1 TO #5	MAG-S154	\$32.52
PLAIN TYPE 90° #1 TO #5	MAG-S155	\$32.52
LONG PLAIN TYPE 60° #1 TO 4-1/2X4"	MAG-S185	\$50.30
BULGE TYPE 60° #1 TO #5	MAG-S145	\$32.68
RADIUS TYPE #1 TO #5	MAG-S125	\$29.42

COMBINED DRILL & COUNTERSINKS

Straight Flute/Double End 60° Included Countersink Solid Carbide

MICRO 100



Drill D1	Shank D2	OAL L1	Drill Len L2	Part Number	Price Each	
3/64	1/8	1-1/2	3/64	MI-DC1	15.45	
5/64	3/16	1-7/8	5/64	MI-DC2	24.35	
7/64	1/4	2	7/64	MI-DC3	27.20	
1/8	5/16	2-1/8	1/8	MI-DC4	36.40	
3/16	7/16	2-3/4	3/16	MI-DC5	54.90	
7/32	1/2	3	7/32	MI-DC6	70.40	
Complete Set in fitted wood case					MI-DC0	228.70

COMBINED DRILL & COUNTERSINKS

Plain Type-60° Angle M42 8% Cobalt



magafor

Size	Body Dia	Point Dia	Point Lngth	OAL	Pkg Qty	Part Number	Price Each
1	1/8	3/64	3/64	1-1/4	10	MAG-1055010	7.24
2	3/16	5/64	5/64	1-7/8	5	MAG-1055020	7.48
3	1/4	7/64	7/64	2	5	MAG-1055030	7.83
4	5/16	1/8	1/8	2-1/8	5	MAG-1055040	8.23
5	7/16	3/16	3/16	2-3/4	5	MAG-1055050	12.79
6	1/2	7/32	7/32	3	5	MAG-1055060	19.09
7	5/8	1/4	1/4	3-3/4	1	MAG-1055070	28.00
8	3/4	5/16	5/16	3-1/2	1	MAG-1055080	43.49

Magafor Quantity Discounts	
1-5 pcs	LIST
5-9 pcs	5% OFF
10+ pcs	10% OFF
Must be same part number. (End Users Only)	

Full Line Available!

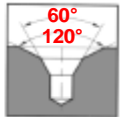
Please call for more information.

COMBINED DRILL & COUNTERSINKS

Bell Type-60°/120° Angles High Speed Steel

magafor

Magafor combined drills and countersinks with a 120° chamfer protects the 60° countersink from any risk of blows and deformation. The splay resulting from the protective chamfer makes it easier to load parts between centers on machines with automatic feed.



Size	Body Dia	Bell Dia	Point Dia	Point Lngth	OAL	Pkg Qty	Part Number	Price Each
11	1/8	.100	3/64	3/64	1-1/4	10	MAG-1351100	4.09
12	3/16	.150	1/16	1/16	1-7/8	5	MAG-1351200	4.19
13	1/4	.200	3/32	3/32	2"	5	MAG-1351300	4.32
14	5/16	.250	7/64	7/64	2-1/8	5	MAG-1351400	4.48
15	7/16	.350	5/32	5/32	2-3/4	5	MAG-1351500	6.93
16	1/2	.400	3/16	3/16	3"	5	MAG-1351600	10.54
17	5/8	.500	7/32	7/32	3-1/4	1	MAG-1351700	15.83
18	3/4	.600	1/4	1/4	3-1/2	1	MAG-1351800	22.27
19	7/8	.700	5/16	5/16	3-5/8	1	MAG-1351900	39.90
20	1"	.800	3/8	3/8	3-3/4	1	MAG-1352000	49.29

Call Us Today For All Of Your Machine Tool Needs!

COMBINED DRILLS & COUNTERSINKS

C

PLAIN TYPE- 60° ANGLE HSS M2- Long Style

magafor

RADIUS TYPE M2 HSS

Full Line Available!
Please call for more information.

magafor



Size	OAL	Body Dia	Point Dia	Point Length	Part Number	Price Each
#1	3"	1/8	3/64	3/64	MAG-1850103	7.79
	4"	1/8	3/64	3/64	MAG-1850104	8.06
	5"	1/8	3/64	3/64	MAG-1850105	11.27
	6"	1/8	3/64	3/64	MAG-1850106	15.10
#2	3"	3/16	5/64	5/64	MAG-1850203	7.91
	4"	3/16	5/64	5/64	MAG-1850204	8.96
	5"	3/16	5/64	5/64	MAG-1850205	11.39
	6"	3/16	5/64	5/64	MAG-1850206	15.10
#3	3"	1/4	7/64	7/64	MAG-1850303	8.17
	4"	1/4	7/64	7/64	MAG-1850304	9.33
	5"	1/4	7/64	7/64	MAG-1850305	12.38
	6"	1/4	7/64	7/64	MAG-1850306	15.10
#4	3"	5/16	1/8	1/8	MAG-1850403	9.71
	4"	5/16	1/8	1/8	MAG-1850404	10.46
	5"	5/16	1/8	1/8	MAG-1850405	13.30
	6"	5/16	1/8	1/8	MAG-1850406	16.08
#4-1/2	4"	3/8	9/64	9/64	MAG-1850454	11.74
	5"	3/8	9/64	9/64	MAG-1850455	13.82
	6"	3/8	9/64	9/64	MAG-1850456	17.24
#5	4"	7/16	3/16	3/16	MAG-1850504	13.65
	5"	7/16	3/16	3/16	MAG-1850505	15.85
	6"	7/16	3/16	3/16	MAG-1850506	18.52
#6	4"	1/2	7/32	7/32	MAG-1850604	14.81
	5"	1/2	7/32	7/32	MAG-1850605	17.01
	6"	1/2	7/32	7/32	MAG-1850606	21.10
#7	5"	5/8	1/4	1/4	MAG-1850705	30.65
	6"	5/8	1/4	1/4	MAG-1850706	38.10
#8	6"	3/4	5/16	5/16	MAG-1850806	42.16

The Special Profile on this tool is more robust than the 60° angle on a regular combined drill & countersink. The radius serves as a protective chamfer, helping to eliminate the risk of breakage and making it easier to locate the center hole on automatic feeding machines. The radius on this tool works well for 60°, 82°, or 90° angle.



Size No.	Body Dia	Radius	Point Dia	Profile Length	OAL	Pkg Qty	Part Number	Price Each
1	1/8	5/32	3/64	.132	1-1/4	10	MAG-1250100	4.40
2	3/16	7/32	5/64	.204	1-7/8	5	MAG-1250200	4.59
3	1/4	9/32	7/64	.275	2	5	MAG-1250300	4.79
4	5/16	3/8	1/8	11/32	2-1/8	5	MAG-1250400	5.05
5	7/16	1/2	3/16	31/64	2-3/4	5	MAG-1250500	7.84
6	1/2	9/16	7/32	35/64	3	5	MAG-1250600	11.61
7	5/8	45/64	1/4	43/64	3-1/4	1	MAG-1250700	17.00
8	3/4	7/8	5/16	13/16	3-1/2	1	MAG-1250800	26.40

PLAIN TYPE- 82°/90° ANGLE M2 HSS

magafor



Size No.	Body Dia	Point Dia	Point Length	OAL	Pkg Qty	82° Part Number	90° Part Number	Price Each
1	1/8	3/64	3/64	1-1/4	10	MAG-1540100	MAG-1550100	4.90
2	3/16	5/64	5/64	1-7/8	5	MAG-1540200	MAG-1550200	5.15
3	1/4	7/64	7/64	2	5	MAG-1540300	MAG-1550300	5.36
4	5/16	1/8	1/8	2-1/8	5	MAG-1540400	MAG-1550400	5.65
5	7/16	3/16	3/16	2-3/4	5	MAG-1540500	MAG-1550500	8.67
6	1/2	7/32	7/32	3	5	MAG-1540600	MAG-1550600	12.92
7	5/8	1/4	1/4	3-1/4	1	MAG-1540700	MAG-1550700	18.78
8	3/4	5/16	5/16	3-1/2	1	MAG-1540800	MAG-1550800	29.32

ZEROFLUTE COUNTERSINKS & DEBURRING TOOLS

HSS-M35 5% Cobalt

FEATURES:

- Zeroflute deburring tools give chatterless finishes.
- Single cutting edge for fast removal of stock.
- Free Cutting.
- Designed for 60° - 82° and 90° cutting.
- Easily sharpened by use of a small mounted grinding wheel inserted into hole.



Full Line Available!
Please call for more information.

Size	Body Dia	Dia of Cut		OAL	Shank Dia	60° Angle Part Number	82° Angle Part Number	90° Angle Part Number	Price Each
		Min*	Max						
0+	1/4	.08	.22	1-3/4	1/4	MAG-4120635	MAG-4140635	MAG-4110635	10.80
1	7/16	.15	.40	1-3/4	1/4	MAG-4121120	MAG-4141120	MAG-4111120	11.68
2	9/16	.20	.52	2"	1/4	MAG-4121400	MAG-4141400	MAG-4111400	13.97
3	13/16	.30	.75	2-5/8	1/2	MAG-4122040	MAG-4142040	MAG-4112040	26.37
4	1-3/16	.48	1.10	3-1/2	1/2	MAG-4123010	MAG-4143010	MAG-4113010	42.52

*15% to 20% greater for 60° countersinks only + Double Ended

SINGLEFLUTE COUNTERSINKS

HSS-M35 5% Cobalt

FEATURES:

- Singleflute countersinks provide smooth finishes on a wide range of materials.
- Great countersinking capacity from the point to the outside diameter.
- Complete size range is available in 60° - 82° or 90° included angles.



Magafor Quantity Discounts	
1-5 pcs	LIST
5-9 pcs	5% OFF
10+ pcs	10% OFF

Must be the same part number.
(End Users Only)

Full Line Available!
Please call for more information.

magafor

Size	OAL	Shank Dia	60° Angle Part Number	82° Angle Part Number	90° Angle Part Number	Price Each
1/8	1-1/4	1/8	MAG-4220317	MAG-4240317	MAG-4210317	7.07
3/16	1-3/8	3/16	MAG-4220476	MAG-4240476	MAG-4210476	7.46
1/4	1-1/2	1/4	MAG-4220635	MAG-4240635	MAG-4210635	7.57
5/16	1-5/8	1/4	MAG-4220793	MAG-4240793	MAG-4210793	8.48
3/8	1-3/4	1/4	MAG-4220952	MAG-4240952	MAG-4210952	8.70
1/2	2"	1/4	MAG-4221270	MAG-4241270	MAG-4211270	11.18
5/8	2-1/4	3/8	MAG-4221587	MAG-4241587	MAG-4211587	14.94
3/4	2-5/8	1/2	MAG-4221905	MAG-4241905	MAG-4211905	19.91
7/8	2-3/4	1/2	MAG-4222222	MAG-4242222	MAG-4212222	33.57
1"	2-3/4	1/2	MAG-4222540	MAG-4242540	MAG-4212540	34.82
1-1/4	2-3/4*	1/2	MAG-4223175	MAG-4243175	MAG-4213175	59.73

*The 60° Countersink (MAG-4223175) has an overall length of 3"

Call Us Or Visit Our Website For Our Complete Selection!