

## Combined Drills & Countersinks

High Speed Steel – 82° & 90° Plain Type



Size	Body Diameter (Inch)	Point Diameter (Inch)	Point Length (Inch)	Overall Length (Inch)	82° Angle (Series 154)	90° Angle (Series 155)
					HSS M2 Code	HSS M2 Code
1	1/8	3/64	1/16	1-1/4	540511	540521
2	3/16	5/64	7/64	1-7/8	540512	540522
3	1/4	7/64	9/64	2	540513	540523
4	5/16	1/8	5/32	2-1/8	540514	540524
5	7/16	3/16	1/4	2-3/4	540515	540525
6	1/2	7/32	19/64	3	540516	540526
7	5/8	1/4	5/16	3-1/4	540517	540527
8	3/4	5/16	13/32	3-1/2	540518	540528

## High Speed Steel – Radius Type



Magafor center drills with the special radius profile provide the following benefits:

- Reduces tip breakage
- Serves as a protective chamfer
- Provides an exact bearing

Size	Body Diameter (Inch)	Point Diameter (Inch)	Point Length (Inch)	Overall Length (Inch)	Radius (Inch)	(Series 125) HSS M2 Code
1	1/8	3/64	1/8	1-1/4	5/32	540541
2	3/16	5/64	7/32	1-7/8	7/32	540542
3	1/4	7/64	9/32	2	5/16	540543
4	5/16	1/8	3/8	2	3/8	540544
5	7/16	3/16	1/2	2-3/4	1/2	540545
6	1/2	7/32	9/16	3	17/32	540546
7	5/8	1/4	11/16	3-1/4	11/16	540547
8	3/4	5/16	13/16	3-1/2	13/16	540548
<b>SETS – 5 Pieces – Sizes 1 to 5</b>						540540

## High Speed Steel – 60° & 120° Bell Type



The Bell type design has included angles of 60° and 120° to form protected centers.

Size	Body Diameter (Inch)	Point Diameter (Inch)	Point Length (Inch)	Overall Length (Inch)	Bell Diameter (Inch)	(Series 135) HSS M2 Code
11	1/8	3/64	1/16	1-1/4	0.100	540621
12	3/16	1/16	3/32	1-7/8	0.150	540622
13	1/4	3/32	1/8	2	0.200	540623
14	5/16	7/64	5/32	2-1/8	0.250	540624
15	7/16	5/32	7/32	2-3/4	0.350	540625
16	1/2	3/16	1/4	3	0.400	540626
17	5/8	7/32	5/16	3-1/4	0.500	540627
18	3/4	1/4	11/32	3-1/2	0.600	540628
19	7/8	5/16	7/16	3-5/8	0.700	540629
20	1	3/8	1/2	3-3/4	0.800	540630
<b>SETS – 5 Pieces – Sizes 11 to 15</b>						540620