


# MELIN INTRODUCES DRILL POINT END MILLS

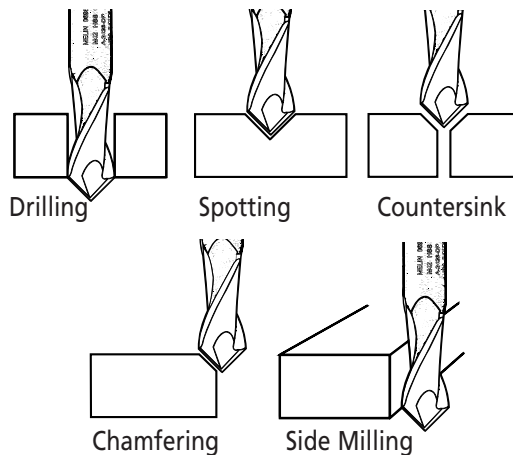
Made in USA   
CNC Ground

Premium M-42 Cobalt HSS  
Submicron Grain Carbide



Available in HSS-cobalt and solid carbide with 60, 82, 90 and 120 degree included point angles.

1 tool for multiple operations



DRILL POINT END MILLS



# Cobalt M42 HSS

## 60 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL	FLUTES
A-1204-DP60	16335	60	1/8	3/8	3/8	2-5/16	2
A-1206-DP60	16337	60	3/16	3/8	7/16	2-5/16	2
A-1208-DP60	16037	60	1/4	3/8	5/8	2-7/16	2
* A-1208-DP60-1	16324	60	1/4	3/8	5/8	2-7/16	2
A-1210-DP60	16038	60	5/16	3/8	23/32	2-15/32	2
A-1212-DP60	16039	60	3/8	3/8	3/4	2-1/2	2
* A-1212-DP60-1	16327	60	3/8	3/8	3/4	2-1/2	2
A-1616-DP60	16041	60	1/2	1/2	1-1/4	3-1/4	2
* A-1616-DP60-1	16329	60	1/2	1/2	1-1/4	3-1/4	2
A-2020-DP60	16042	60	5/8	5/8	1-5/8	3-3/4	2
A-2424-DP60	16044	60	3/4	3/4	1-11/16	3-15/16	2
* A-2424-DP60-1	16331	60	3/4	3/4	1-11/16	3-15/16	2
A-2428-DP60	16045	60	7/8	3/4	1-15/16	4-3/16	2
A-2432-DP60	16047	60	1	3/4	2	4-1/4	2
* A-2432-DP60-1	16333	60	1	3/4	2	4-1/4	2

\*Tool names with "-1" have a .005" sharp point for groove milling.

## 82 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL	FLUTES
A-1204-DP82	16440	82	1/8	3/8	3/8	2-5/16	2
A-1206-DP82	16441	82	3/16	3/8	7/16	2-5/16	2
A-1208-DP82	16442	82	1/4	3/8	5/8	2-7/16	2
A-1210-DP82	16443	82	5/16	3/8	23/32	2-15/32	2
A-1212-DP82	16444	82	3/8	3/8	3/4	2-1/2	2
A-1214-DP82	16445	82	7/16	3/8	1-1/32	2-23/32	2
A-1616-DP82	16446	82	1/2	1/2	1-1/4	3-1/4	2
A-1618-DP82	16447	82	9/16	1/2	1-13/32	3-13/32	2
A-2020-DP82	16448	82	5/8	5/8	1-5/8	3-3/4	2

## 90 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL	FLUTES
A-1204-DP	16334	90	1/8	3/8	3/8	2-5/16	2
* A-1204-DP-1	16710	90	1/8	3/8	3/8	2-5/16	2
A-1206-DP	16336	90	3/16	3/8	7/16	2-5/16	2
* A-1206-DP-1	16452	90	3/16	3/8	7/16	2-5/16	2
A-1208-DP	15434	90	1/4	3/8	5/8	2-7/16	2
* A-1208-DP-1	16323	90	1/4	3/8	5/8	2-7/16	2
A-1210-DP	15436	90	5/16	3/8	23/32	2-15/32	2
* A-1210-DP-1	16325	90	5/16	3/8	23/32	2-15/32	2
A-1212-DP	15438	90	3/8	3/8	3/4	2-1/2	2
* A-1212-DP-1	16326	90	3/8	3/8	3/4	2-1/2	2
A-1214-DP	15440	90	7/16	3/8	1-1/32	2-23/32	2
* A-1214-DP-1	16449	90	7/16	3/8	1-1/32	2-23/32	2
A-1616-DP	15442	90	1/2	1/2	1-1/4	3-1/4	2
* A-1616-DP-1	16328	90	1/2	1/2	1-1/4	3-1/4	2
A-1618-DP	15444	90	9/16	1/2	1-13/32	3-13/32	2
* A-1618-DP-1	16450	90	9/16	1/2	1-13/32	3-13/32	2
A-2020-DP	15446	90	5/8	5/8	1-5/8	3-3/4	2
* A-2020-DP-1	16451	90	5/8	5/8	1-5/8	3-3/4	2
A-2022-DP	15448	90	11/16	5/8	1-21/32	3-25/32	2
A-2424-DP	15450	90	3/4	3/4	1-11/16	3-15/16	2
* A-2424-DP-1	16330	90	3/4	3/4	1-11/16	3-15/16	2
A-2426-DP	15452	90	13/16	3/4	1-29/32	4-5/32	2
A-2428-DP	15454	90	7/8	3/4	1-15/16	4-3/16	2
A-2430-DP	15456	90	15/16	3/4	1-31/32	4-7/32	2
A-2432-DP	15458	90	1	3/4	2	4-1/4	2
* A-2432-DP-1	16332	90	1	3/4	2	4-1/4	2

\*Tool names with "-1" have a .005" sharp point for groove milling.

## 100 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL	FLUTES
A-1208-DP100	16596	100	1/4	3/8	5/8	2-7/16	2
A-1212-DP100	16597	100	3/8	3/8	3/4	2-1/2	2

## 120 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL	FLUTES
A-1616-DP120	16040	120	1/2	1/2	1-1/4	3-1/4	2
A-2424-DP120	16043	120	3/4	3/4	1-11/16	3-15/16	2
A-2432-DP120	16046	120	1	3/4	2	4-1/4	2

# Submicron Grain Carbide

## 60 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL
AMG-404-DP60	11663	60	1/8	1/8	1/2	1-1/2
AMG-808-DP60	11665	60	1/4	1/4	3/4	2-1/2
AMG-1212-DP60	11667	60	3/8	3/8	1	2-1/2
AMG-1616-DP60	11669	60	1/2	1/2	1	3

## 82 DEGREE

TOOL NAME	EDP	ANGLE DEGREE	MILL	SHANK	LOC	OAL
AMG-808-DP82	16590	82	1/4	1/4	3/4	2-1/2
AMG-1212-DP82	16591	82	3/8	3/8	1	2-1/2
AMG-1616-DP82	16592	82	1/2	1/2	1	3
AMG-2020-DP82	16593	82	5/8	5/8	1-1/4	3-1/2
AMG-2424-DP82	16594	82	3/4	3/4	1-1/2	4

## 90 DEGREE

2 FLUTE		4 FLUTE		ANGLE				
TOOL NAME	EDP	TOOL NAME	EDP	DEGREE	MILL	SHANK	LOC	OAL
AMG-402-DP	11623	CCMG-402-DP	11629	90	1/16	1/8	3/16	1-1/2
AMG-403-DP	11625	CCMG-403-DP	11631	90	3/32	1/8	3/8	1-1/2
AMG-404-DP	16083	CCMG-404-DP	11633	90	1/8	1/8	1/2	1-1/2
AMG-404-DP-1	16703	-	-	90	1/8	1/8	1/2	1-1/2
AMG-606-DP	16084	CCMG-606-DP	11635	90	3/16	3/16	5/8	2
AMG-606-DP-1	16704	-	-	90	3/16	3/16	5/8	2
AMG-808-DP	16085	CCMG-808-DP	11637	90	1/4	1/4	3/4	2-1/2
AMG-808-DP-1	16712	-	-	90	1/4	1/4	3/4	2-1/2
AMG-1010-DP	16086	CCMG-1010-DP	11639	90	5/16	5/16	13/16	2-1/2
AMG-1010-DP-1	16705	-	-	90	5/16	5/16	13/16	2-1/2
AMG-1212-DP	16087	CCMG-1212-DP	11640	90	3/8	3/8	1	2-1/2
AMG-1212-DP-1	16462	-	-	90	3/8	3/8	1	2-1/2
AMG-1414-DP	16088	CCMG-1414-DP	11641	90	7/16	7/16	1	2-3/4
AMG-1616-DP	16089	CCMG-1616-DP	11642	90	1/2	1/2	1	3
AMG-1616-DP-1	16707	-	-	90	1/2	1/2	1	3
AMG-2020-DP	16090	CCMG-2020-DP	11643	90	5/8	5/8	1-1/4	3-1/2
AMG-2020-DP-1	16706	-	-	90	5/8	5/8	1-1/4	3-1/2
AMG-2424-DP	16091	CCMG-2424-DP	11644	90	3/4	3/4	1-1/2	4

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