



# BPS® Countersinks

## 60°, 82°, & 90°



### 1 Flute

60° TOOL NUMBER	82° TOOL NUMBER	90° TOOL NUMBER	CUTTING DIAMETER	SHANK DIAMETER	OVERALL LENGTH	NUMBER OF FLUTES
B42-125-60	B42-125-82	B42-125-90	1/8	1/8	1-1/2	1
B42-187-60	B42-187-82	B42-187-90	3/16	3/16	1-1/2	1
B42-250-60	B42-250-82	B42-250-90	1/4	1/4	2	1
B42-375-60	B42-375-82	B42-375-90	3/8	1/4	2-1/2	1
B42-500-60	B42-500-82	B42-500-90	1/2	1/4	2-1/2	1
B42-625-60	B42-625-82	B42-625-90	5/8	3/8	2-1/2	1
B42-750-60	B42-750-82	B42-750-90	3/4	3/8	2-3/4	1
B42-001-60	B42-001-82	B42-001-90	1	1/2	2-3/4	1



### 3 Flute

60° TOOL NUMBER	82° TOOL NUMBER	90° TOOL NUMBER	CUTTING DIAMETER	SHANK DIAMETER	OVERALL LENGTH	NUMBER OF FLUTES
B43-125-60	B43-125-82	B43-125-90	1/8	1/8	1-1/2	3
B43-187-60	B43-187-82	B43-187-90	3/16	3/16	1-1/2	3
B43-250-60	B43-250-82	B43-250-90	1/4	1/4	2	3
B43-375-60	B43-375-82	B43-375-90	3/8	1/4	2-1/2	3
B43-500-60	B43-500-82	B43-500-90	1/2	1/4	2-1/2	3
B43-625-60	B43-625-82	B43-625-90	5/8	3/8	2-1/2	3
B43-750-60	B43-750-82	B43-750-90	3/4	3/8	2-3/4	3
B43-001-60	B43-001-82	B43-001-90	1	1/2	2-3/4	3



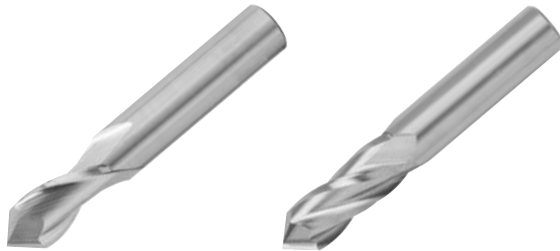
### 6 Flute

60° TOOL NUMBER	82° TOOL NUMBER	90° TOOL NUMBER	CUTTING DIAMETER	SHANK DIAMETER	OVERALL LENGTH	NUMBER OF FLUTES
B44-250-60	B44-250-82	B44-250-90	1/4	1/4	2	6
B44-312-60	B44-312-82	B44-312-90	5/16	1/4	2-1/2	6
B44-375-60	B44-375-82	B44-375-90	3/8	1/4	2-1/2	6
B44-500-60	B44-500-82	B44-500-90	1/2	1/4	2-1/2	6
B44-625-60	B44-625-82	B44-625-90	5/8	3/8	2-3/4	6
B44-750-60	B44-750-82	B44-750-90	3/4	3/8	2-3/4	6
B44-875-60	B44-875-82	B44-875-90	7/8	1/2	2-3/4	6
B44-001-60	B44-001-82	B44-001-90	1	1/2	3	6



# BPS® End Mills

## Drillpoint End Mills 2 & 4 Flute, 60°, & 90° Drillpoint

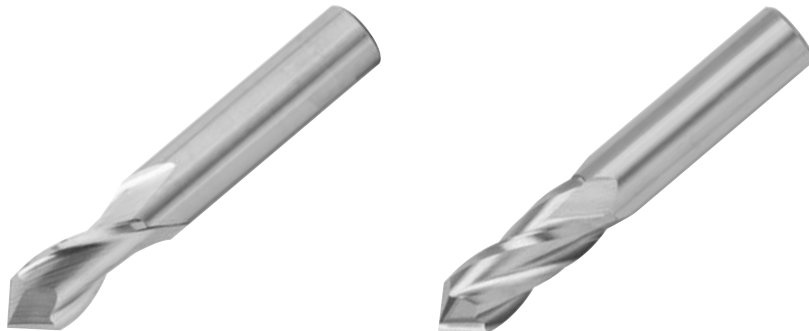


Shank Diameter: +.0000/-.0005"  
 Cutting Diameter: Up to 1/2" +.000/-.002"  
 Over 1/2" +.000/-.003"

Multipurpose tool for Drilling, Milling, Spotting, Chamfering, and Countersinking.

2-FLUTE, 60° TOOL NO.	4-FLUTE, 60° TOOL NO.	CUTTING DIAMTER	SHANK DIAMTER	OVERALL LENGTH	FLUTE LENGTH
B35-125-260 B35-187-260 B35-250-260	B35-125-460 B35-187-460 B35-250-460	1/8 3/16 1/4	1/8 3/16 1/4	1-1/2 2 2-1/2	1/2 5/8 3/4
B35-312-260 B35-375-260 B35-437-260	B35-312-460 B35-375-460 B35-437-460	5/16 3/8 7/16	5/16 3/8 7/16	2-1/2 2-1/2 2-3/4	13/16 1 1
B35-500-260 B35-625-260 B35-750-260	B35-500-460 B35-625-460 B35-750-460	1/2 5/8 3/4	1/2 5/8 3/4	3 3-1/2 4	1 1-1/4 1-1/2

*TiAlN Coated Drill Mills Also Available*

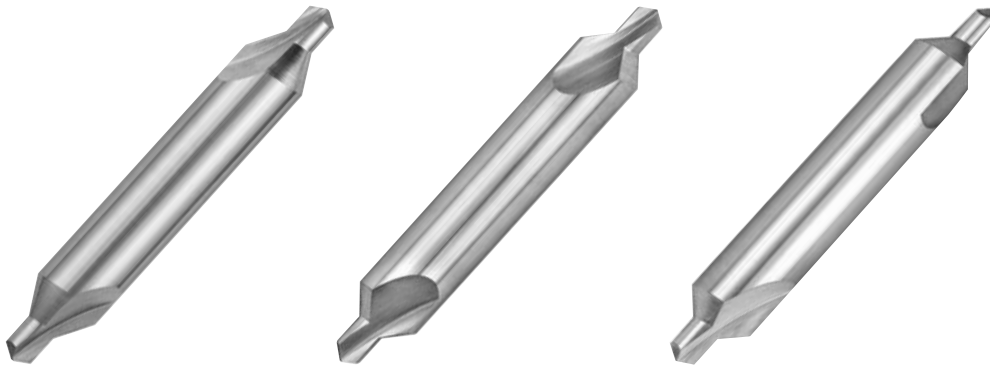


2-FLUTE, 90° TOOL NO.	4-FLUTE, 90° TOOL NO.	CUTTING DIAMTER	SHANK DIAMTER	OVERALL LENGTH	FLUTE LENGTH
B35-125-290 B35-187-290 B35-250-290	B35-125-490 B35-187-490 B35-250-490	1/8 3/16 1/4	1/8 3/16 1/4	1-1/2 2 2-1/2	1/2 5/8 3/4
B35-312-290 B35-375-290 B35-437-290	B35-312-490 B35-375-490 B35-437-490	5/16 3/8 7/16	5/16 3/8 7/16	2-1/2 2-1/2 2-3/4	13/16 1 1
B35-500-290 B35-625-290 B35-750-290	B35-500-490 B35-625-490 B35-750-490	1/2 5/8 3/4	1/2 5/8 3/4	3 3-1/2 4	1 1-1/4 1-1/2

*TiAlN Coated Drill Mills Also Available*



**Center Drills**  
**60°, 82°, & 90°**



Cutting Diameter: Up to 7/32" +.002/-.000"  
 Over 7/32" +.003/-.000"

60° TOOL NUMBER	82° TOOL NUMBER	90° TOOL NUMBER	SIZE	DRILL DIAMETER	SHANK DIAMETER	OVERALL LENGTH
<b>B40-025-60</b>	<b>B40-025-82</b>	<b>B40-025-90</b>	00	.025	1/8	1-1/2
<b>B40-031-60</b>	<b>B40-031-82</b>	<b>B40-031-90</b>	0	1/32	1/8	1-1/2
<b>B40-046-60</b>	<b>B40-046-82</b>	<b>B40-046-90</b>	1	3/64	1/8	1-1/2
<b>B40-078-60</b>	<b>B40-078-82</b>	<b>B40-078-90</b>	2	5/64	3/16	1-7/8
<b>B40-109-60</b>	<b>B40-109-82</b>	<b>B40-109-90</b>	3	7/64	1/4	2
<b>B40-125-60</b>	<b>B40-125-82</b>	<b>B40-125-90</b>	4	1/8	5/16	2-1/8
<b>B40-187-60</b>	<b>B40-187-82</b>	<b>B40-187-90</b>	5	3/16	7/16	2-3/4
<b>B40-218-60</b>	<b>B40-218-82</b>	<b>B40-218-90</b>	6	7/32	1/2	3
<b>B40-250-60</b>	<b>B40-250-82</b>	<b>B40-250-90</b>	7	1/4	5/8	3-1/4
<b>B40-312-60</b>	<b>B40-312-82</b>	<b>B40-312-90</b>	8	5/16	3/4	3-1/2

*TiN Coated Center Drills Also Available*