

## DATASHEET

PART NUMBER

**W415003E**

**HSS 3/16" Countersink Cutter, 100° 1/2" Body**

WEBSITE

<https://www.wesconusa.com/products/W415003E>



\* The image represents the general look of the series. Actual product may vary based on options selected.

Wescon High Speed Steel Aircraft Countersink Cutter with 100 angle. Designed for precision aerospace applications, this cutter features an integrated pilot for accurate alignment, superior durability, and a clean finish on varied materials.

## SPECIFICATIONS

<b>Angle</b>	100° Angle
<b>Flute</b>	2 Flutes
<b>Material</b>	High Speed Steel
<b>Pilot Size</b>	3/16" (0.1875")
<b>Thread Size</b>	1/4-28
<b>Body Diameter</b>	1/2" (0.5")
<b>Country of Origin</b>	USA

ADDITIONAL IMAGES AND DRAWINGS



Image 1



Image 2



Image 3



Image 4



Image 5



Image 6

## W415 Series Cutter



Imperial Standards		
D-Diameter	P-Pilot Size (Min - Max)	T-Thread
3/8"	# 40 - 3/16"	1/4-28
3/4"	# 10 - 1/2"	1/4-28
7/16"	# 40 - 1/4"	1/4-28
1/2"	# 40 - 1/4"	1/4-28
5/8"	# 30 - 3/8"	1/4-28
3/4"	# 10 - 1/2"	3/8-24
7/8"	# 10 - 1/2"	3/8-24
1"	# 10 - 1/2"	3/8-24
1-1/8"	# 10 - 1/2"	3/8-24
1-1/4"	# 10 - 1/2"	3/8-24
3/4"	# 10 - 1/2"	7/16-20
7/8"	# 10 - 1/2"	7/16-20
1"	# 10 - 1/2"	7/16-20
1-1/8"	# 10 - 1/2"	7/16-20
1-1/4"	# 10 - 1/2"	7/16-20
Custom diameter and pilot size available see wesconusa.com		

A-Angle
78°
82°
90°
100°
110°
120°

No. Of Flutes
2
3
4

Metric Standards		
D-Diameter	P-Pilot Size (Min - Max)	T-Thread
10 mm	2.38 mm - 4.83 mm	M6x1
14 mm	2.38 mm - 6.35 mm	M8x1
17 mm	3.96 mm - 8.00 mm	M8x1
21 mm	6.35 mm - 10.00 mm	M8x1
Custom diameter and pilot size available see wesconusa.com		

Material
HSS
Cobalt
PCD
Carbide
Carbide Tipped

**Notes:**

- For ordering: Specify part number (or) if unavailable, generate part number by visiting: wesconusa.com
- Information needed to generate part number: Material, Cutting Angle, Body Diameter, Pilot Diameter, and Number of Flutes

	Part Number <b>W415</b>	© 2025 Wescon Industries Inc. 601 Century Plaza Dr. Houston, TX 77073, US www.wesconusa.com
Do not modify, copy, distribute, or reproduce this drawing without prior written authorization.	<b>Countersink Cutter with integrated Pilot</b>	
Revision 05    All dimensions are in Inches	Information in this drawing is provided for reference only	

Image 7