

DATASHEET

PART NUMBER

W415004S

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

WEBSITE

<https://www.wesconusa.com/products/W415004S>



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

Wescon Carbide Tipped 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

Angle	100° Angle
Flute	2 Flutes
Material	Carbide Tipped
Pilot Size	3/16" (0.1875")
Thread Size	1/4-28
Body Diameter	1/2" (0.5")
Country of Origin	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 W415	© 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.	Countersink Cutter with integrated Pilot	
Revision 05 All dimensions are in Inches	Information in this drawing is provided for reference only	

Image 7