Wescon Industries Inc.
601 Century Plaza Dr, Houston, TX 77073
www.wesconusa.com

DATASHEET

PART NUMBER

W415005Q

Carbide Tipped 8.18 mm Countersink Cutter, 100° 17 mm Body

WEBSITE

https://www.wesconusa.com/products/W415005Q

* 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	8.18 mm
Thread Size	M8x1
Body Diameter	17 mm
Country of Origin	USA

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ADDITIONAL IMAGES AND DRAWINGS

Image 1

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Image 2

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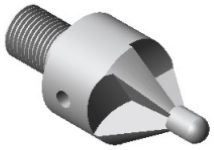
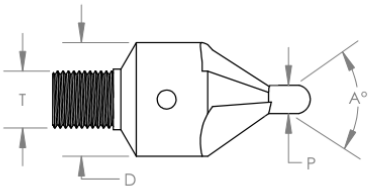
W415 Series Cutter





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

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

Image 7

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