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

DATASHEET

PART NUMBER

WESKIT007

Heavy-Duty Microstop & Countersink Kit with 8 Cutters

WES596-S heavy-duty, high-speed microstop cage and an 8-piece set of W415 precision HSS 100° countersink cutters.

WEBSITE

https://www.wesconusa.com/products/WESKIT007



The WESKIT007 combines a heavy-duty 1/4-28 microstop countersink cage with a standard straight skirt and eight piloted HSS 100° cutters from #40 to 1/4". Suitable for countersinking on aerostructures.

The **WESKIT007 Microstop-Countersink Kit** pairs our heavy-duty WES596-S microstop with eight piloted countersink cutters for airframe depth control. The cage adjusts in 0.0005" steps and holds the set depth through continuous countersinking, so fasteners sit flush with the aircraft skin.

By pairing our heavy-duty microstop cage with an 8-piece set of precision HSS 100° countersink cutters, production engineers can achieve repeatable results across a wide range of hole diameters. This combination provides the rigid stability needed to reduce tool chatter and surface deformation. Whether used on aluminum alloys or light composite stacks, this kit delivers the precision and durability needed on the assembly line.

Precise Depth Repeatability: The WES596-S cage offers micro-adjustable depth control for consistent, flush fastener seating across thousands of holes.
Comprehensive Cutter Range: Includes eight specialized HSS cutters, covering common aerospace sizes from #40 pilot holes to 1/4" structural fasteners.
Wescon Durability: Made in the USA for continuous assembly line use.

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ADDITIONAL IMAGES AND DRAWINGS

Part Number: **WESKIT007**

Kit Contents:

Part Number	**Description**
WES596-S	WES596 Series microstop with 1/4"-28 thread (Cutter capacity: 3/4")
WES415	8x countersink cutters with integrated pilot (specifications in Table 1)



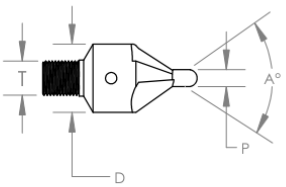
WES596-S



WES415

Table 1

Part Number	Flutes	P-Pilot Diameter	Angle	D-Cutter Diameter	T-Thread	Material
W415002Z	3	1/8"	100°	1/2"	1/4-28	HSS
W4150030	3	5/32"	100°	1/2"	1/4-28	HSS
W4150031	3	3/16"	100°	1/2"	1/4-28	HSS
W4150032	3	1/4"	100°	1/2"	1/4-28	HSS
W4150033	3	#40	100°	1/2"	1/4-28	HSS
W4150034	3	#30	100°	1/2"	1/4-28	HSS
W4150035	3	#21	100°	1/2"	1/4-28	HSS
W4150036	3	#10	100°	1/2"	1/4-28	HSS



		WESCON	Part Number WESKIT007
	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	Microstop Kit
Revision 00	All dimensions are in Inches	Information in this drawing is provided for reference only	

Image 1

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