

# Cerbide MACH600 AWJ's

## Abrasive Water Jet Nozzles



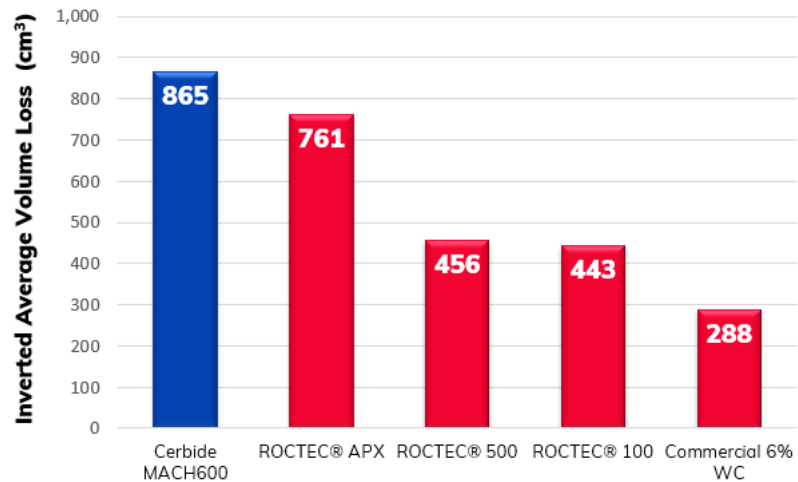
Binderless Tungsten Carbide

Cerbide Binderless Tungsten Carbide abrasive water jet nozzles / focus tubes and mixing chambers have superior wear characteristics to ROCTEC® 100 / 500 at extremely attractive pricing structures.

### Common Sizes Available In Stock

\* compatible with most OEM manufacturers such as: OMAX®, KMT® Flow®, H2O Jet®, Jet Edge®, WARDJet® & Kennametal® nozzles

### ASTM G65 Abrasion Test



### Abrasion Resistance

Dry Wheel - ASTM G65 ( 1/cm³) 865

### Hardness

Vickers ( HV1 – 1000gf) > 2,800

Rockwell A conversion equivalent > 96.5

Density ( grams/cc) > 15.6

Grain Size nanostructured WC, < 1µ



**CERBIDE**

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Technical Data

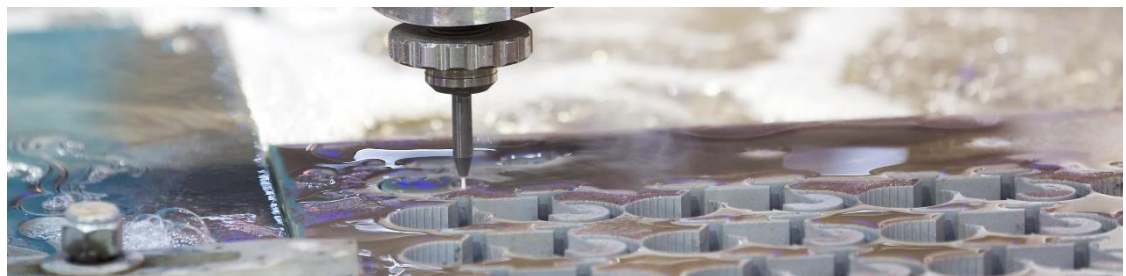


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## Abrasive Water Jet (AWJ) Standard Sizes

MACH600 Part No.	Imperial Dimensions			Metric Dimensions		
	Nozzle OD	Nozzle ID	Nozzle Length	Nozzle OD	Nozzle ID	Nozzle Length
	D inches	d inches	L inches	D mm	d mm	L mm
C-600-076-0700	0.236	0.030	2.756	6.00	0.76	70.0
C-600-076-0762	0.236	0.030	3.000	6.00	0.76	76.2
C-600-102-0762	0.236	0.040	3.000	6.00	1.02	76.2
C-635-076-0762	0.250	0.030	3.000	6.35	0.76	76.2
C-635-102-0762	0.250	0.040	3.000	6.35	1.02	76.2
C-635-114-0762	0.250	0.045	3.000	6.35	1.14	76.2
C-635-076-1016	0.250	0.030	4.000	6.35	0.76	101.6
C-635-102-1016	0.250	0.040	4.000	6.35	1.02	101.6
<b>C-714-076-0762</b>	<b>0.281</b>	<b>0.030</b>	<b>3.000</b>	<b>7.14</b>	<b>0.76</b>	<b>76.2</b>
<b>C-714-102-0762</b>	<b>0.281</b>	<b>0.040</b>	<b>3.000</b>	<b>7.14</b>	<b>1.02</b>	<b>76.2</b>
<b>C-714-076-1016</b>	<b>0.281</b>	<b>0.030</b>	<b>4.000</b>	<b>7.14</b>	<b>0.76</b>	<b>101.6</b>
<b>C-714-102-1016</b>	<b>0.281</b>	<b>0.040</b>	<b>4.000</b>	<b>7.14</b>	<b>1.02</b>	<b>101.6</b>
<b>C-725-076-0762</b>	<b>0.285</b>	<b>0.030</b>	<b>3.000</b>	<b>7.25</b>	<b>0.76</b>	<b>76.2</b>
<b>C-725-102-1016</b>	<b>0.285</b>	<b>0.040</b>	<b>4.000</b>	<b>7.25</b>	<b>1.02</b>	<b>101.6</b>
C-762-076-0762	0.300	0.030	3.000	7.62	0.76	76.2
C-762-102-0762	0.300	0.040	3.000	7.62	1.02	76.2
C-762-102-1016	0.300	0.040	4.000	7.62	1.02	101.6
<b>C-800-076-0762</b>	<b>0.315</b>	<b>0.030</b>	<b>3.000</b>	<b>8.00</b>	<b>0.76</b>	<b>76.2</b>
<b>C-800-076-1016</b>	<b>0.315</b>	<b>0.030</b>	<b>4.000</b>	<b>8.00</b>	<b>0.76</b>	<b>101.6</b>

Highlighted sizes are kept in stock



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