



# Canadian Drilling Innovations, Inc.

A Division Of Apex Metal Industries Inc.



## 444.5mm (17.500") CVS1013UI

IADC S433 (BA-1107)

### PRODUCT DETAILS

10 Blade, Steel Bodied Design

Cutters:	(Face)	130 x 13mm (1/2")
	(Gauge)	10 x 13mm (1/2")
	(Backreamer)	10 x 13mm (1/2")

Nozzles: 16 interchangeable

TFA Range:	5.064 – 31.68 cm <sup>2</sup> (0.785 – 4.91 in <sup>2</sup> )
------------	--

Gauge length: 2.75" (70 mm)

Bit connection: 7-5/8" API REG

Min Makeup Torque: 96 kNm  
(71 kft-lb)

Makeup Length: 14.98" (380mm)

Overall length: 20.23" (514mm)

### OPERATING PARAMETERS

Flow Rate: 3.6 - 6.8 m<sup>3</sup>/min  
(950-1800 gpm)

Max Weight on Bit: 27 kdaN (60 klbs)

RPM: Designed for Rotary and Motor

### FEATURES

Backreamers, Increased Nozzle Count

### Contact Us:

Toll Free: 855-720-7600

Direct : 403-720-7600

Fax: 888-720-3833

E-mail: [info@apexmetal.ca](mailto:info@apexmetal.ca)



PRODUCT SPECS



Canadian Drilling Innovations, Inc.

A Division Of Apex Metal Industries Inc.



349mm (13.750") CVS619UI

IADC S223 (BA-1074)

### PRODUCT DETAILS

6 Blade, Steel Bodied Design

Cutters:	(Face)	51 x 19mm (3/4")
	(Gauge)	6 x 16mm (5/8")
	(Backreamer)	6 x 13mm (1/2")

Nozzles: 9 interchangeable

TFA Range: 2.969 – 11.401cm<sup>2</sup>  
(0.460-1767 in<sup>2</sup>)

Gauge length: 2.50" (63.5mm)

Bit connection: 6-5/8" API REG

Min Makeup Torque: 50 kNm  
(37 kft-lb)

Makeup Length: 11.5" (292mm)

Overall length: 16.5" (419mm)

### OPERATING PARAMETERS

Flow Rate: 2.1 - 4.6m<sup>3</sup>/min  
(500-1250 gpm)

Max Weight on Bit: 22 kdaN (50 klbs)

RPM: Designed for Rotary and Motor

### FEATURES

Backreamer, Increased Nozzle Count

### Contact Us:

Toll Free: 855-720-7600

Direct : 403-720-7600

Fax: 888-720-3833

E-mail: [info@apexmetal.ca](mailto:info@apexmetal.ca)



PRODUCT SPECS