

October 2024 Newsletter



TuffCut® XV Series XV7CB Delivers \$324k Cost Saving



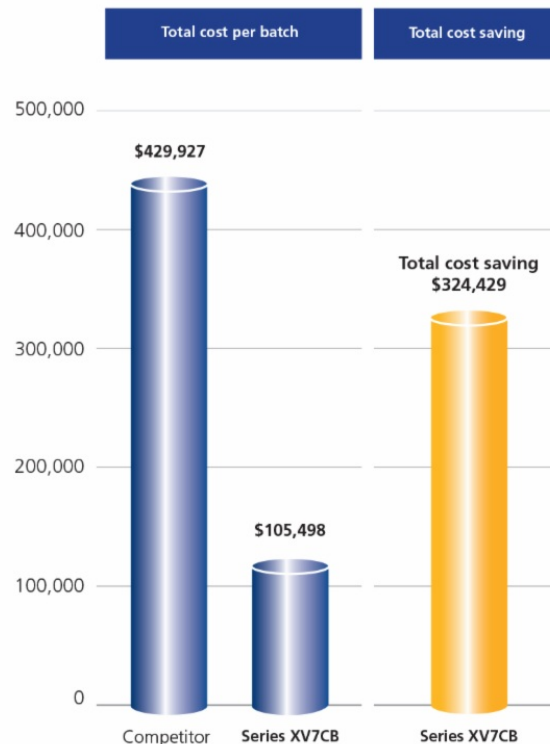
TuffCut® XV Series XV7CB

Solid Carbide Milling Test Report

Workpiece Material: Nitronic 50 Stainless Steel
Batch Quantity: 300



Cutting Conditions		
	Competitor	Series XV7CB
End mill diameter (in)	0.500	0.500
Flute length (in)	1.250	1.250
No. of flutes	6	7
Speed (RPM)	2865	1650
Feed (in/min)	60	41
Axial depth of cut - Ap (in)	0.910	0.910
Width of cut - Ae (in)	0.100	0.050
Tool life (minutes)	5.50	272.00
Tool cost per part (\$)	1333.09	59.06
Time cost per part (\$)	100.00	292.60
Tools used per batch	3273	194



A cost saving of over \$324,000 has been achieved by a customer in the power generation sector by selecting our 7 flute Series XV7CB end mill in a 5-way competitive test machining Nitronic 50 stainless steel.

When machining a batch of 300 components, the XV7CB achieved a tool life of over 4.5 hours, compared to only 5.5 minutes for competitors' 6-flute tooling, which slashed tool usage by 94%, to just 194 for the M.A. Ford® end mill, resulting in the significant cost savings.

As part of our TuffCut® XV family, the XV7CB uses our ALtima® Q coating, while its thick core maintains rigidity during high axial engagement machining, and integral chip-breakers provide excellent chip management with reduced cutting forces.

Discover more online, [here](#).

**TuffCut® XV7/ XV7CB
Brochure**

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Click [here](#) to share your thoughts.

Events

Würth MSM Customer & Supplier Summit



Mike Hickey, Regional Technical Engineer for M.A. Ford worked the table at the Würth MSM Customer & Supplier Summit on October 17th.

DXP 40th Annual Golf Tournament



Jim Ellis, Director of Sales- Americas & Israel (*right*) and Ed Stedman from DXP at the M.A. Ford sponsored hospitality tent at DXP's 40th Annual Golf Outing that took place on September 29th & 30th.

Holidays

Happy
Thanksgiving

M.A. Ford Closed for Thanksgiving
M.A. Ford will be closed on Thursday, November 28 and Friday, November 29, 2024 in observance of Thanksgiving. Normal hours will resume Monday, December 2.



*****ATTENTION!*****

Please Note: There is a new email address for account receivable. Please send all remittances and inquires to: mafar@maford.com

[M.A. Ford® Master Catalog](#)

[M.A. Ford® Micro Tool Catalog](#)

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