

WCE END MILLS

AFFORDABLE PERFORMANCE

The WCE 4-flute solid end milling line features an advanced geometry to enable material versatility for end users seeking a cost-effective solution while machining small batches.



Ball Nose



Square End

Also available in Sharp Edges, Radiused and Chamfered.

The WCE 4-flute geometry combines the asymmetrical index and variable helix features at an affordable price while ensuring material and application versatility while still performing demanding operations like full slots and heavy cuts.

DURAMILL
INDUSTRIAL SUPPLIES

Email: sales@duramill.ca
Tel: (905) 738-8665 | Fax: (905) 738-4862
www.duramill.ca

21 Bradwick Drive, Units 2-3, Concord ON L4K 1K6

WIDIA 
widia.com

AVAILABLE AT DURAMILL

WIDIA™ WCE4 | 4-FLUTE SOLID CARBIDE END MILLS

PRODUCT

Grade | WU20PE
Flute | 4
Diameter Range
Metric | 3 - 20 mm
Inch | 1/8" - 1"

CORNER CONDITIONS

- Sharp Edges
- Chamfered
- Radiused
- Ball Nose

APPLICATIONS & MATERIALS



SIDE/
SHOULDER
MILLING
ROUGHING



SLOTTING
SQUARE
END



HELICAL
MILLING



RAMPING



PLUNGE
MILLING



3D
PROFILING

FIRST CHOICE

SECOND CHOICE



INDUSTRY

General Engineering



ASYMMETRICAL PITCH

To cut harmonics, reduce vibrations and enable chip evacuation

VARIABLE HELIX

To reduce vibrations and increase overall cutting stability

ECCENTRIC RELIEF

To provide vibration dampening and increase tool life on stainless steels

CORE TAPER

For improved chip evacuation and tool stability



Description	ISO/ANSI	Grade	Order No.	PRICE
W401 1/8 x 1/8 x 1/4 x 1 1/2 R.015	W401E03000RAT	WU20PE	6945648	8.95
W401 3/16 x 3/16 x 5/16 x 2 R.015	W401E05001RAT	WU20PE	6945649	8.95
W411 3/16 x 3/16 x 5/8 x 2 1/4 R.015	W411E05011RAT	WU20PE	6945654	12.69
W401 1/4 x 1/4 x 3/8 x 2 R.015	W401E07003RAT	WU20PE	6945651	15.17
W401 1/4 x 1/4 x 3/8 x 2 R.060	W401E07003RGT	WU20PE	6945653	15.17
W411 1/4 x 1/4 x 3/4 x 2 1/2 R.030	W411E07013RET	WU20PE	6945657	17.22
W411 1/4 x 1/4 x 3/4 x 2 1/2 R.015	W411E07013RAT	WU20PE	6945656	17.22
W411 3/8 x 3/8 x 7/8 x 2 1/2 R.015	W411E10015RAT	WU20PE	6945679	25.58
W401 1/2 x 1/2 x 5/8 x 2 1/2 Sharp	W401E13006SZW	WU20PE	6945697	41.67
W401 1/2 x 1/2 x 5/8 x 2 1/2 C.020	W401E13006CTW	WU20PE	6945721	41.67
W421 1/2 x 1/2 x 1 1/2 x 4 Sharp	W421E13026SZW	WU20PE	6945716	57.51
W411 1/2 x 1/2 x 1 1/4 x 3 Sharp	W411E13016SZW	WU20PE	6945712	37.56
W401 5/8 x 5/8 x 3/4 x 3 Sharp	W401E16008SZW	WU20PE	6945698	70.37
W401 5/8 x 5/8 x 3/4 x 3 C.020	W401E16008CTW	WU20PE	6945722	70.37
W411 5/8 x 5/8 x 1 1/4 x 3 1/2 C.020	W411E16018CTW	WU20PE	6945727	78.32
W411 5/8 x 5/8 x 1 1/4 x 3 1/2 Sharp	W411E16018SZW	WU20PE	6945713	74.49
W401 3/4 x 3/4 x 7/8 x 3 1/2 C.020	W401E19009CTW	WU20PE	6945723	94.35
W401 3/4 x 3/4 x 7/8 x 3 1/2 Sharp	W401E19009SZW	WU20PE	6945699	94.35
W411 3/4 x 3/4 x 1 1/2 x 4 Sharp	W411E19019SZW	WU20PE	6945714	92.95
W421 3/4 x 3/4 x 2 1/4 x 5 Sharp	W421E19029SZW	WU20PE	6945718	152.65
W411 3/4 x 3/4 x 1 1/2 x 4 C.020	W411E19019CTW	WU20PE	6945728	111.65
W401 1 x 1 x 1 1/2 x 4 Sharp	W401E2500ASZW	WU20PE	6945700	136.54
W401 1 x 1 x 1 1/2 x 4 C.020	W401E2500ACTW	WU20PE	6945724	158.82
W411 1 x 1 x 2 x 5 C.020	W411E2501ACTW	WU20PE	6945729	204.32

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CONTACT US

OFFER VALID UNTIL
JUNE 30, 2022