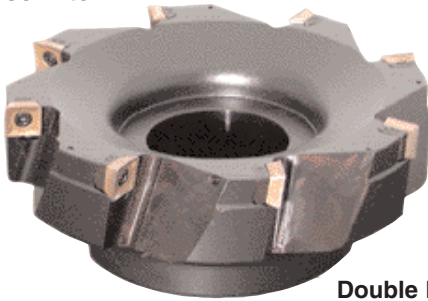


# Wave Mill Series Indexable Shell Mills

## WFMC Shell Mills

Coarse Pitch



Double Positive

### WFMC & WFMF

- Available in both coarse and fine pitch, and 5/8 and 1/2 inch insert sizes.
- Highly accurate 90 degree shoulder cutting.
- Steel insert seats allow cutter rebuilding in the event of a crash.
- Efficient positive rake design requires low amounts of horsepower and produces minimum work piece stresses.
- Large flute relief promotes excellent chip evacuation.

### WFMC 400 and 500 Series

Lead Angle: 0° Axial Rake Angle: +8° ~ +6° Radial Rake Angle: +10° 	Fig. 1 	Fig. 2 	Fig. 3 									
Catalog Number	STKD.	Dimensions							No. of Teeth	Weight (lbs.)	Fig.	I.C.
		D	D <sub>1</sub>	F	d	a	b	E				
WFMC403R	•	3	2.165	1.969	1.000	.374	.252	1.000	4	1.98	1	.500
WFMC404R	•	4	2.756	2.362	1.500	.626	.406	1.500	5	3.52	2	
WFMC405R	•	5	3.150	2.362	1.500	.626	.406	1.500	6	5.72		
WFMC406R	•	6	3.937	2.362	2.000	.750	.437	1.500	8	9.24		
WFMC408R	•	8	5.906	2.362	2.500	1.000	.551	1.380	10	17.60	3	
WFMC503R	•	3	2.165	1.969	1.000	.374	.252	1.000	4	1.98	1	.625
WFMC504R	•	4	2.756	2.362	1.500	.626	.406	1.500	5	3.52	2	
WFMC505R	•	5	3.150	2.362	1.500	.626	.406	1.500	6	5.72		
WFMC506R	•	6	3.937	2.362	2.000	.750	.437	1.500	8	9.24		
WFMC508R	•	8	5.906	2.362	2.500	1.000	.551	1.380	10	17.60	3	

### Inserts

	Coated	Uncoated	Dimensions (Inches)					
Sumitomo Cat. No.	AC230	ACZ310	ACZ330	ACZ350	G10E	I.C.	T	R
XDMT120408PDEN	•	•	•	•	•	0.500	0.1875	0.031
XDMT150408PDEN	•	•	•	•	•	0.625	0.1875	0.031

### Hardware

Catalog Number	Seat	Insert Screw	Set Screw	Wrench	Wrench
WFM□40□R	WFMS4R	BFTX0414	BT0506	TRD20	TH025
WFM□50□R	WFMS5R	BFTX0515N	BT0506	TRD20	TH025

**See pages 92-93  
For recommended running  
parameters**

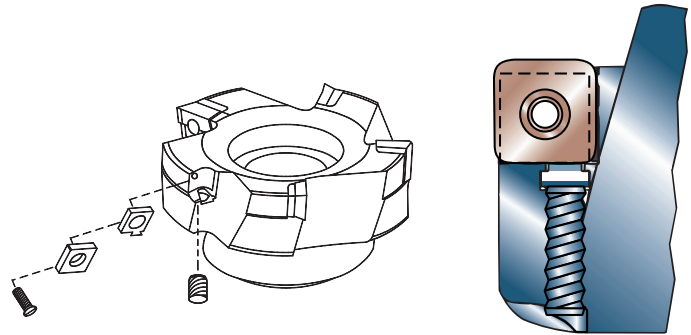
# Wave Mill Series Indexable Shell Mills

Fine Pitch

WFMF Shell Mills



Double Positive



## WFMF 400 and 500

Lead Angle: 0°  
Axial Rake Angle: +8° ~ +6°  
Radial Rake Angle: +10°

Configuration

Fig. 1      Fig. 2      Fig. 3

Catalog Number	STKD.	Dimensions							No. of Teeth	Weight (lbs.)	Fig.	I.C.
		D	D <sub>1</sub>	F	d	a	b	E				
WFMF403R	•	3	2.165	1.969	1.000	.374	.252	1.000	6	1.76	1	.500
WFMF404R	•	4	2.756	2.362	1.500	.626	.406	1.500	7	3.30	2	
WFMF405R	•	5	3.150	2.362	1.500	.626	.406	1.500	8	5.50	3	
WFMF406R	•	6	3.937	2.362	2.000	.750	.437	1.500	10	8.80	1	
WFMF408R	•	8	5.906	2.362	2.500	1.000	.551	1.380	12	17.38	2	.625
WFMF503R	•	3	2.165	1.969	1.000	.374	.252	1.000	6	1.76	1	
WFMF504R	•	4	2.756	2.362	1.500	.626	.406	1.500	7	3.30	2	
WFMF505R	•	5	3.150	2.362	1.500	.626	.406	1.500	8	5.50	3	
WFMF506R	•	6	3.937	2.362	2.000	.750	.437	1.500	10	8.80	1	.500
WFMF508R	•	8	5.906	2.362	2.500	1.000	.551	1.380	12	17.38	2	

## Inserts

Sumitomo Cat. No.	Coated		Uncoated		Dimensions (Inches)			
	AC230	AC2310	AC2330	AC2350	G10E	I.C.	T	R
XDMT120408PDEN	•	•	•	•	•	0.500	0.1875	0.031
XDMT150408PDEN	•	•	•	•	•	0.625	0.1875	0.031

## Hardware

Catalog Number	Seat	Insert Screw	Set Screw	Wrench	Wrench
WFMF40□R	WFMS4R	BFTX0414	BT0506	TRD20	TH025
WFMF50□R	WFMS5R	BFTX0515N	BT0506	TRD20	TH025

**See pages 92-93  
For recommended running  
parameters**