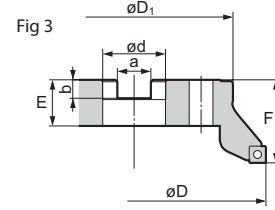
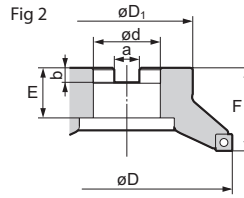
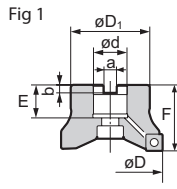


WFX SERIES

Applicable Insert: SOMT

Shoulder Milling Cutters

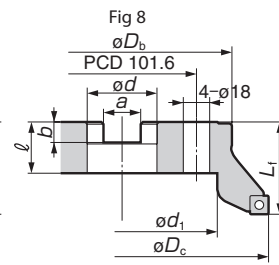
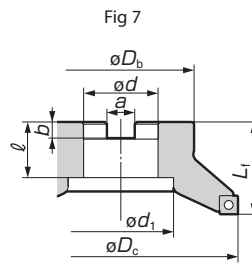
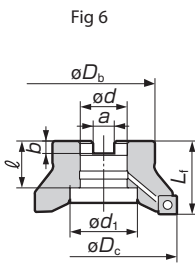
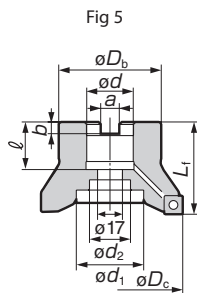
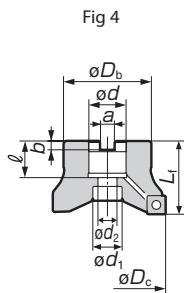
Four-cornered Shoulder WaveMill



WFX Cutter Bodies - INCH

Cat. No.	Stock	Dimensions (inch)							No. of Teeth	Pitch	Fig	
		ϕD	ϕD_1	F	ϕd	a	b	E				
WFX4200R	●	2.000	1.500	1.750	0.750	0.312	0.187	0.750	3	Coarse	1	
WFX4250R	●	2.500	1.750	1.750	1.000	0.375	0.218	0.750	4		1	
WFX4300R	●	3.000	2.250	1.750	1.000	0.375	0.218	0.750	4		1	
WFX4400R	●	4.000	2.870	2.000	1.250	0.500	0.280	0.750	5		1	
WFX4400R-1.50	●	4.000	4.000	2.500	1.500	0.625	0.380	1.000	5		3	
WFX4500R	●	5.000	3.750	2.500	1.500	0.625	0.380	1.000	6		1	
WFX4600R	●	6.000	4.380	2.500	1.500	0.625	0.380	1.060	8		2	
WFX4800R	●	8.000	5.120	2.500	2.500	1.000	0.560	1.595	10		3	
WFXF4200R	●	2.000	1.500	1.750	0.750	0.312	0.187	1.020	4		Fine	1
WFXF4250R	●	2.500	1.750	1.750	1.000	0.375	0.218	1.020	5			1
WFXF4300R	●	3.000	2.250	1.750	1.000	0.375	0.218	1.020	6	1		
WFXF4400R	●	4.000	2.870	2.000	1.250	0.500	0.280	1.060	7	1		
WFXF4400R-1.50	●	4.000	4.000	2.500	1.500	0.625	0.380	1.000	7	3		
WFXF4500R	●	5.000	3.750	2.500	1.500	0.625	0.380	1.060	8	1		
WFXF4600R	●	6.000	4.380	2.500	1.500	0.625	0.380	1.060	12	2		
WFXF4800R	●	8.000	5.120	2.500	2.500	1.000	0.560	1.595	16	3		
WFXX4200R	●	2.000	1.500	1.750	0.750	0.312	0.187	1.020	5	Super Fine		1
WFXX4250R	●	2.500	1.750	1.750	1.000	0.375	0.218	1.020	6			1
WFXX4300R	●	3.000	2.250	1.750	1.000	0.375	0.218	1.020	8		1	
WFXX4400R	●	4.000	2.870	2.000	1.250	0.500	0.280	1.060	10		1	
WFXX4400R-1.50	●	4.000	4.000	2.500	1.500	0.625	0.380	1.000	10		3	
WFXX4500R	●	5.000	3.750	2.500	1.500	0.625	0.380	1.060	12		1	

-1.50 is Arbor ϕ



WFX Cutter Bodies - METRIC (Coarse Pitch)

Cat. No.	Stock	Dimensions (mm)									No. of Teeth	Weight (kg)	Fig
		ϕD_c	ϕD_b	L_f	ϕd	a	b	l	ϕd_1	ϕd_2			
WFX12050RS	★	50	40	40	22	10.4	6.3	20	18	11	3	0.2	4
WFX12063RS	★	63	50	40	22	10.4	6.3	20	18	11	4	0.4	4
WFX12080RS	★	80	60	50	27	12.4	7	25	20	13.5	4	0.9	4
WFX12100RS	★	100	70	50	32	14.4	8.5	32	46	-	5	1.3	6
WFX12080R	★	80	60	50	25.4	9.5	6	25	20	13	4	0.9	4
WFX12100R	★	100	70	63	31.75	12.7	8	32.5	46	28	5	1.7	5
WFX12125R	★	125	80	63	38.1	15.9	10	35.5	55	30	6	2.4	4
WFX12160R	★	160	100	63	50.8	19	11	38	72	-	8	3.7	7
WFX12200R	★	200	150	63	47.625	25.4	14	35	130	-	10	6.3	8
WFX12250R	★	250	190	63	47.625	25.4	14	35	150	-	12	11.0	8

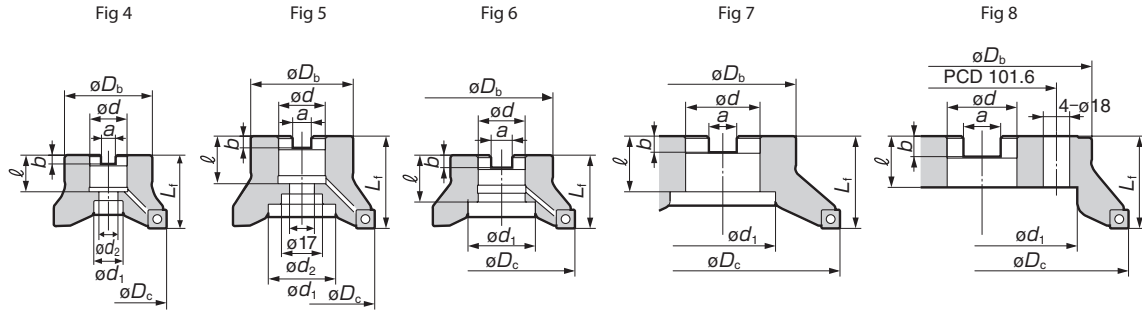
★ : Worldwide Warehouse Item

Indexable Milling
Shoulder Milling
Face Milling
High Feed Milling
Multi-purpose
Modular Tooling
UFO & SumiMill
Discontinued

Rake Radial Angle	Radial	-8°	10mm	0°	<table border="1"> <tr> <td>P</td><td>M</td><td>K</td><td>N</td><td>N</td><td>S</td><td>H</td> </tr> <tr> <td>Steel</td><td>Cast Iron</td><td>Cast Iron</td><td>Aluminum</td><td>Aluminum</td><td>Cast Alloy</td><td>Cast Alloy</td> </tr> </table>	P	M	K	N	N	S	H	Steel	Cast Iron	Cast Iron	Aluminum	Aluminum	Cast Alloy	Cast Alloy
	P	M				K	N	N	S	H									
Steel	Cast Iron	Cast Iron	Aluminum	Aluminum	Cast Alloy	Cast Alloy													
Axial	8°																		

WFX SERIES

Applicable Insert: SOMT

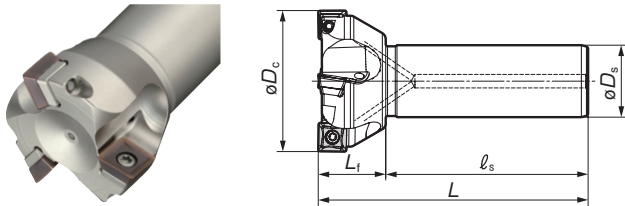


WFX Cutter Bodies - METRIC (Fine Pitch)													
Cat. No.	Stock	Dimensions (mm)									No. of Teeth	Weight (kg)	Fig
		øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2			
WFXF12050RS	★	50	40	40	22	10.4	6.3	20	18	11	4	0.2	1
WFXF12063RS	★	63	50	40	22	10.4	6.3	20	18	11	5	0.4	1
WFXF12080RS	★	80	60	50	27	12.4	7	25	20	13.5	6	0.9	1
WFXF12100RS	★	100	70	50	32	14.4	8.5	32	46	-	7	1.2	3
WFXF12080R	★	80	60	50	25.4	9.5	6	25	20	13	6	0.9	1
WFXF12100R	★	100	70	63	31.75	12.7	8	32.5	46	28	7	1.6	2
WFXF12125R	★	125	80	63	38.1	15.9	10	35.5	55	30	8	2.4	1
WFXF12160R	★	160	100	63	50.8	19	11	38	72	-	12	3.5	4
WFXF12200R	★	200	150	63	47.625	25.4	14	35	130	-	16	6.2	5
WFXF12250R	★	250	190	63	47.625	25.4	14	35	150	-	18	10.9	5

★: Worldwide Warehouse Item

Inserts are not included. * Cutters ø160 mm or above do not have coolant holes.

Please use JISB1176 "hexagonal bolt" (ø80: M12 x 30-35mm, ø100: M16 x 40-45mm) for securing the ø80 or ø100 cutter to the arbor.



Body (Shank Type)							
Cat. No.	Stock	Dimensions (mm)					No. of Teeth
		øDc	øDs	Lf	ℓs	L	
WFX12040E	★	40	32	30	90	120	3
WFX12050E	★	50	32	30	90	120	3
WFX12063E	★	63	32	30	90	120	4
WFX12080E	★	80	32	30	90	120	4

Body (Shank, Fine Pitched Type)							
Cat. No.	Stock	Dimensions (mm)					No. of Teeth
		øDc	øDs	Lf	ℓs	L	
WFXF12050E	★	50	32	30	90	120	4
WFXF12063E	★	63	32	30	90	120	5
WFXF12080E	★	80	32	30	90	120	6

★: Worldwide Warehouse Item

ø40 mm cutters do not have a seat.

See page 351
for recommended
running parameters

Inserts											Dim. (mm)			SOMT/SOET
	P		K	M		N		W	T	R				
	ACP100	ACP200	ACP300	T4500A	ACK200	ACK300	ACM200				ACM300	DL1000	H1	
SOMT120408PDER-L	●	●	●		●	●	●	●				0.8		
SOMT120404PDER-G	●	●	●		●	●	●	●				0.4		
SOMT120408PDER-G	●	●	●	★	●	●	●	●				0.8		
SOMT120412PDER-G	●	●	●		●	●	●	●				1.2		
SOMT120416PDER-G	●	●	●		●	●	●	●				1.6		
SOMT120408PDER-H	●	●	●		●	●	●	●				0.8		
SOET120408PDFR-S									●	●				
XOEW120408PDTR-AW				●		●								

Indexable Milling
Shoulder Milling
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Discontinued