

Promotion Valid From **April 1 - June 30, 2016**

Sumitomo Milling Promo 2016

4 WAYS to SAVE:

1. Buy One, Get One FREE!
2. Special Kit Price (Includes 10 Inserts)
3. Buy Inserts, Get Cutter FREE!
4. Buy 30 Inserts, Get 10 Inserts FREE!



DFC 90°Milling Cutter

Double-sided, 6 edge inserts

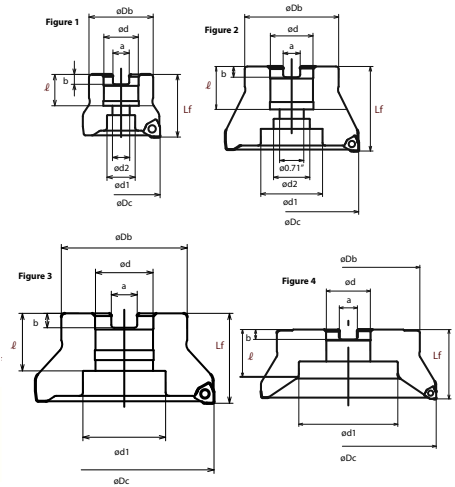


NEW

Features & Benefits

- High toughness insert design enables stable cutting and high efficiency machining with high feed rate
- Optimized machining accuracy by separating the insert contact areas and the cutting edges
- Large lineup for DFC available from 1" through 8" in standard, fine pitch and extra-fine pitch styles
- **Max Depth of Cut: 6mm (0.240")**

Kit includes:
Milling Cutter
and 10 Inserts



DFC - Standard Pitch - Inch

Cat. No.	Dimensions (in.)									No. of Teeth	Weight (lbs)	Fig.	Buy 1 Get 1 FREE	DFC Kit Price*	Buy Inserts Get Cutter FREE
	øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2						
DFC22000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	4	0.66	1	BUY ONE GET ONE FREE	\$310.00	70
DFC22500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	5	1.10	1		\$350.00	80
DFC23000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	6	2.20	1		\$395.00	90
DFC24000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	1.000	0.656	6	3.08	3		\$440.00	100
DFC25000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	1.181	7	6.17	1		\$555.00	110
DFC26000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	1.181	8	10.14	4		\$735.00	120
DFC28000R	8.000	5.906	2.500	2.500	1.000	0.560	1.594	5.118	-	10	12.56	1		\$835.00	180

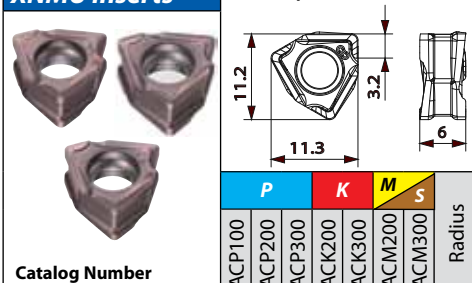
DFCM - Fine Pitch - Inch

Cat. No.	Dimensions (in.)									No. of Teeth	Weight (lbs)	Fig.	Buy 1 Get 1 FREE	DFC Kit Price*	Buy Inserts Get Cutter FREE
	øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2						
DFCM22000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	5	0.66	1	BUY ONE GET ONE FREE	\$335.00	80
DFCM22500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	6	1.10	1		\$390.00	90
DFCM23000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	8	1.98	1		\$435.00	110
DFCM24000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	1.000	0.656	10	3.08	3		\$495.00	120
DFCM25000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	1.181	12	5.95	1		\$710.00	130
DFCM26000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	1.181	14	9.90	4		\$835.00	160
DFCM28000R	8.000	5.906	2.500	2.500	1.000	0.560	1.594	5.118	-	15	12.05	1		\$1,030.00	200

DFCF - Extra-Fine Pitch - Inch

Cat. No.	Dimensions (in.)									No. of Teeth	Weight (lbs)	Fig.	Buy 1 Get 1 FREE	DFC Kit Price*	Buy Inserts Get Cutter FREE
	øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2						
DFCF22000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	6	0.66	1	BUY ONE GET ONE FREE	\$350.00	90
DFCF22500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	7	1.10	1		\$395.00	110
DFCF23000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	9	2.00	1		\$455.00	120
DFCF24000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	1.000	0.656	11	2.86	3		\$595.00	130
DFCF25000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	1.181	14	5.73	1		\$730.00	160
DFCF26000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	1.181	16	12.41	4		\$860.00	180
DFCF28000R	8.000	5.906	2.500	2.500	1.000	0.560	1.594	5.118	-	20	14.75	1		\$1,170.00	220

XNMM Inserts

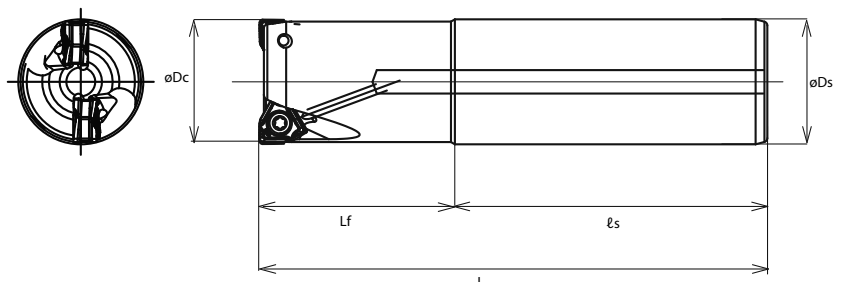


Catalog Number	Max. Depth of Cut: 6mm (.236")					Radius
	P	K	M	S		
ACP100	●	●	●	●	●	.016
ACP200	●	●	●	●	●	.031
ACP300	●	●	●	●	●	.016
ACK200	●	●	●	●	●	.031
ACK300	●	●	●	●	●	.047
ACM200	●	●	●	●	●	.063
ACM300	●	●	●	●	●	.031
XNMMU060604PNER-L	●	●	●	●	●	.047
XNMMU060608PNER-L	●	●	●	●	●	.063
XNMMU060604PNER-G	●	●	●	●	●	.031
XNMMU060608PNER-G	●	●	●	●	●	.047
XNMMU060612PNER-G	●	●	●	●	●	.063
XNMMU060616PNER-G	●	●	●	●	●	.031
XNMMU060608PNER-H	●	●	●	●	●	.047
XNMMU060612PNER-H	●	●	●	●	●	.063
XNMMU060616PNER-H	●	●	●	●	●	.031

DFC - Shank Type - Inch

Cat. No.	Dimensions (in.)					No. of Teeth	Buy 1 Get 1 FREE	DFC Kit Price*	Buy Inserts Get Cutter FREE
	øDc	øDs	Lf	ℓs	L				
DFC21000EW	1.000	1.000	2.060	2.281	4.341	2	BUY ONE GET ONE FREE	\$220.00	30
DFC21250EW	1.250	1.250	2.060	2.281	4.341	3		\$235.00	40
DFC21500EW	1.500	1.250	2.060	2.281	4.341	3		\$240.00	50
DFC22000EW	2.000	1.250	2.060	2.281	4.341	4		\$265.00	60
DFC22500EW	2.500	1.250	2.060	2.281	4.341	5		\$300.00	60
DFCM21500EW	1.500	1.250	2.060	2.281	4.341	4		\$264.00	60
DFCM22000EW	2.000	1.250	2.060	2.281	4.341	5		\$295.00	70
DFCM22500EW	2.500	1.250	2.060	2.281	4.341	7		\$355.00	70

*Suggested Retail Price in USD Kit Prices italicized have 20 inserts



Insert Screw

Insert Wrench	Coolant Through Bolts
BFTX03512IP	Catalog Number
	Cutter Size
	BFXH 3/8 x 1
	BFXH 1/2 x 1 1/4
TRDR15IP Torque: 3.0 N • m	Catalog Number
	Cutter Size
	BFXH 1/2 x 1 1/4
	BFXH 5/8 x 1 1/4
BFTX03512IP	Catalog Number
	Cutter Size
	BFXH 3/4 x 2

● USA stocked item

Offer valid through June 30, 2016

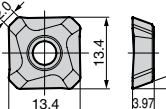
The figure contains five separate technical drawings labeled Fig 1 through Fig 5. Each drawing shows a different cross-section or view of a mechanical component, likely a shaft or armature core. The drawings include numerous dimension lines and labels:

- Fig 1:** Shows a cross-section with dimensions ϕD_0 , ϕd , R , L_1 , ϕd_1 , ϕD_c , and ϕD_1 .
- Fig 2:** Similar to Fig 1, with additional dimension ϕd_2 .
- Fig 3:** Includes dimensions ϕD_2 , ϕd_2 , ϕD_c , and ϕD_1 .
- Fig 4:** Features a central section labeled "PCD 101.6" and dimensions ϕD_3 , ϕd , R , L_1 , ϕd_1 , ϕD_c , and ϕD_1 . A note "4x18" is present.
- Fig 5:** Shows a side view with dimensions ϕD_4 , ϕd_4 , L_1 , and total length L .

**Kit includes:
Milling Cutter
and 10 Inserts**

WGX-Coarse Pitch-Inch													Buy 1 Get 1 FREE	WGX Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	φD _C	φD ₁	φD _B	L _f	φd	φd ₁	a	b	ℓ	Teeth	Weight (lbs)	Fig.			
WGX42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	3	0.9	1	BUY ONE GET ONE FREE	\$264.00	90
WGX42500R	2.500	3.008	1.750	1.750	1.000	0.797	0.375	0.220	0.750	4	1.3	1		\$292.00	100
WGX43000R	3.000	3.504	2.250	1.750	1.000	0.787	0.375	0.220	0.750	4	2.2	1		\$315.00	110
WGX44000R	4.000	4.500	2.870	2.000	1.250	1.000	0.500	0.280	0.750	5	3.5	2		\$387.00	140
WGX44000R-1.50	4.000	3.750	2.500	2.500	1.500	2.000	0.625	0.380	1.000	5	4.5	3		\$387.00	140
WGX45000R	5.000	5.496	3.750	2.500	1.500	2.000	0.625	0.380	1.000	6	7.2	1		\$469.00	170
WGX46000R	6.000	6.496	4.380	2.500	1.500	2.000	0.625	0.380	1.060	7	9.5	3		\$530.00	190
WGX48000R	8.000	8.496	5.906	2.500	2.500	5.118	1.000	0.560	1.594	8	15.6	4		\$659.00	240
WGX410000R	10.000	10.492	7.480	2.756	2.500	6.299	1.000	0.531	1.575	10	23.5	4		\$936.00	340
WGXM-Fine Pitch-Inch													Buy 1 Get 1 FREE	WGXM Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	φD _C	φD ₁	φD _B	L _f	φd	φd ₁	a	b	ℓ	Teeth	Weight (lbs)	Fig.			
WGXM42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	4	0.9	1	BUY ONE GET ONE FREE	\$288.00	90
WGXM42500R	2.500	3.008	1.750	1.750	1.000	0.797	0.375	0.220	0.750	5	1.9	1		\$316.00	110
WGXM43000R	3.000	3.504	2.250	1.750	1.000	0.787	0.375	0.220	0.750	6	3.1	1		\$351.00	120
WGXM44000R	4.000	4.500	2.870	2.000	1.250	1.000	0.500	0.280	0.750	7	4.8	2		\$423.00	150
WGXM44000R-1.50	4.000	3.750	2.500	2.500	1.500	2.000	0.625	0.380	1.000	7	5.5	3		\$423.00	150
WGXM45000R	5.000	5.496	3.750	2.500	1.500	2.000	0.625	0.380	1.000	8	7.2	1		\$504.00	180
WGXM46000R	6.000	6.496	4.380	2.500	1.500	2.000	0.625	0.380	1.060	10	9.5	3		\$646.00	220
WGXM48000R	8.000	8.496	5.906	2.500	2.500	5.118	1.000	0.560	1.594	12	15.6	4		\$788.00	280
WGXF-Extra Fine Pitch-Inch													Buy 1 Get 1 FREE	WGXF Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	φD _C	φD ₁	φD _B	L _f	φd	φd ₁	a	b	ℓ	Teeth	Weight (lbs)	Fig.			
WGXF42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	5	0.9	1	BUY ONE GET ONE FREE	\$323.00	100
WGXF42500R	2.500	3.008	1.750	1.750	1.000	0.797	0.375	0.220	0.750	6	1.5	1		\$355.00	120
WGXF43000R	3.000	3.504	2.250	1.750	1.000	0.787	0.375	0.220	0.750	8	3.1	1		\$398.00	140
WGXF44000R	4.000	4.500	2.870	2.000	1.250	1.000	0.500	0.280	0.750	10	4.7	2		\$517.00	170
WGXF44000R-1.50	4.000	3.750	2.500	2.500	1.500	2.000	0.625	0.380	1.000	10	6.5	3		\$517.00	170
WGXF45000R	5.000	5.496	3.750	2.500	1.500	2.000	0.625	0.380	1.000	12	8.2	1		\$611.00	200
WGXF46000R	6.000	6.496	4.380	2.500	1.500	2.000									

WGX - Shank Type - Inch									Buy 1 Get 1 FREE	WGX Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	ϕD_C	ϕD_1	ϕD_S	L_f	ℓ_s	L	Teeth	Fig.			
WGX42000EW	2.000	2.461	1.250	1.591	2.379	3.970	4	5	BUY ONE GET ONE FREE	\$277.00	90
WGX42500EW	2.500	3.008	1.250	1.591	2.379	3.970	5	5		\$315.00	110

Inserts	P				K	M	S	N	Dimensions				
	ACP100	ACP200	ACP300	T4500A	ACK200	ACK300	ACM200	ACM300	DL1000	H1	IC	Thickness	Facet Width
SEMT13T3AGSR-L	●	●	●		●	●	●	●			0.528	0.156	0.0787
SEMT13T3AGSR-G	●	●	●		●	●	●	●					
SEMT13T3AGSR-H	●	●	●		●	●	●	●					
SEMT13T3AGSR-FG	●	●	●		●	●	●	●					
SEET13T3AGSR-L	●	●	●	★	●	●	●	●					
SEET13T3AGSR-G	●	●	●	★	●	●	●	●					
SEET13T3AGFR-L									●	●			
XEEW13T3AGER-AWR	●	●	●		●							0.320	

WGX leaves no burr

Offer valid through June 30, 2016

DGC 45° Face Mill

Double-sided inserts (SNMT & ONMT)

Features & Benefits

Up to 8 corners
with SNMT inserts!
Up to 16 corners with
ONMT inserts!



Superior economy

With the same sharpness of similar one-sided inserts, you get twice the corners. Also, the cutter body holds both the ONMT & SNMT inserts (no shim change), allowing up to 16 corners

Max. Depth of Cut: SNMT: 6mm (.240") ONMT: 3mm (.120")

Sumitomo WGX and DGC Comparison

Kit includes:
Milling Cutter
and 10 Inserts

Needs	Surface Finish	Cutting Force	High Feed Rate	Insert Strength	Chip Evacuation	Cost Per Edge	General Versatility
Recommend	WGX	WGX	DGC	DGC	WGX	DGC	WGX

DGC - Coarse Pitch - Inch

Catalog Number	ϕD_C	ϕD_1	ϕD_B	L_f	ϕd	ϕd_1	a	b	ℓ	Teeth	Fig.	Buy 1 Get 1 FREE	DGC Kit Price*	Buy Inserts Get Cutter FREE
DGC42000R	2.000	2.567	1.500	1.750	0.750	0.609	0.312	0.190	0.750	3	1	BUY ONE GET ONE FREE	\$334.00	70
DGC42500R	2.500	3.067	1.750	1.750	1.000	0.797	0.375	0.220	0.750	4	1		\$396.00	80
DGC43000R	3.000	3.567	2.250	1.750	1.000	0.787	0.375	0.220	0.750	4	1		\$414.00	80
DGC44000R	4.000	4.567	2.870	2.000	1.250	1.000	0.500	0.280	0.750	5	1		\$538.00	100
DGC44000R-1.50	4.000	4.000	3.750	2.500	1.500	2.000	0.625	0.380	1.000	5	5		\$538.00	100
DGC45000R	5.000	5.567	3.750	2.500	1.500	2.000	0.625	0.380	1.000	6	1		\$584.00	110
DGC46000R	6.000	6.567	4.380	2.500	1.500	2.000	0.625	0.380	1.060	7	2		\$779.00	150
DGC48000R	8.000	8.567	5.906	2.500	2.500	5.118	1.000	0.560	1.594	8	3		\$957.00	180
DGC410000R	10.000	10.567	7.480	2.756	2.500	6.299	1.000	0.531	1.575	10	3		\$1,190.00	240

DGC - Fine Pitch - Inch

Catalog Number	ϕD_C	ϕD_1	ϕD_B	L_f	ϕd	ϕd_1	a	b	ℓ	Teeth	Fig.	Buy 1 Get 1 FREE	DGCM Kit Price*	Buy Inserts Get Cutter FREE
DGCM42000R	2.000	2.567	1.500	1.750	0.750	0.609	0.312	0.190	0.750	4	1	BUY ONE GET ONE FREE	\$363.00	80
DGCM42500R	2.500	3.067	1.750	1.750	1.000	0.797	0.375	0.220	0.750	5	1		\$429.00	100
DGCM43000R	3.000	3.567	2.250	1.750	1.000	0.787	0.375	0.220	0.750	6	1		\$477.00	110
DGCM44000R	4.000	4.567	2.870	2.000	1.250	1.000	0.500	0.280	0.750	7	1		\$609.00	130
DGCM44000R-1.50	4.000	4.000	3.750	2.500	1.500	2.000	0.625	0.380	1.000	7	5		\$609.00	130
DGCM45000R	5.000	5.567	3.750	2.500	1.500	2.000	0.625	0.380	1.000	8	1		\$646.00	140
DGCM46000R	6.000	6.567	4.380	2.500	1.500	2.000	0.625	0.380	1.060	10	2		\$956.00	180
DGCM48000R	8.000	8.567	5.906	2.500	2.500	5.118	1.000	0.560	1.594	12	3		\$1,154.00	220

DGC - Extra Fine Pitch - Inch

Catalog Number	ϕD_C	ϕD_1	ϕD_B	L_f	ϕd	ϕd_1	a	b	ℓ	Teeth	Fig.	Buy 1 Get 1 FREE	DGCF Kit Price*	Buy Inserts Get Cutter FREE
DGCF42000R	2.000	2.567	1.500	1.750	0.750	0.609	0.312	0.190	0.750	5	1	BUY ONE GET ONE FREE	\$390.00	90
DGCF42500R	2.500	3.067	1.750	1.750	1.000	0.797	0.375	0.220	0.750	6	1		\$459.00	110
DGCF43000R	3.000	3.567	2.250	1.750	1.000	0.787	0.375	0.220	0.750	8	1		\$512.00	130
DGCF44000R	4.000	4.567	2.870	2.000	1.250	1.000	0.500	0.280	0.750	10	1		\$792.00	160
DGCF44000R-1.50	4.000	4.000	3.750	2.500	1.500	2.000	0.625	0.380	1.000	10	5		\$792.00	160
DGCF45000R	5.000	5.567	3.750	2.500	1.500	2.000	0.625	0.380	1.000	12	1		\$820.00	170
DGCF46000R	6.000	6.567	4.380	2.500	1.500	2.000	0.625	0.380	1.060	14	2		\$1,031.00	210
DGCF48000R	8.000	8.567	5.906	2.500	2.500	5.118	1.000	0.560	1.594	16	3		\$1,215.00	250

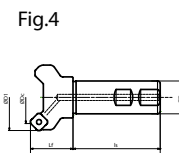
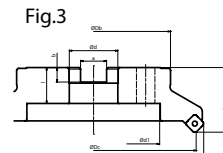
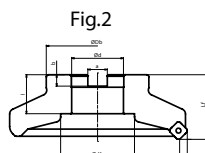
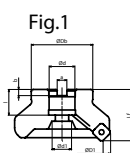
DGC - Shank - Inch

Catalog Number	ϕD_C	ϕD_1	ϕD_B	L_f	ℓ_s	L	Teeth	Fig.	Buy 1 Get 1 FREE	DGC Kit Price*	Buy Inserts Get Cutter FREE
DGC42000EW	2.000	2.567	1.250	1.591	2.379	3.970	4	4	BUY ONE GET ONE FREE	\$351.00	80
DGC42500EW	2.500	2.567	1.250	1.591	2.379	3.970	5			\$424.00	100

Inserts		P				K	Inserts Continued		P	M	N			
Catalog Number		T4500A	ACP100	ACP200	ACP300	ACK200	ACK300	Catalog Number		T4500A	ACP200	ACP300	DL1000	H
SNMT13T6ANER-L		●	●	●	●	●	●	SNET13T6ANER-L		●	●			
SNMT13T6ANER-G	●	●	●	●	●	●	●	SNET13T6ANER-G		●	●			
SNMT13T6ANER-H			●	●	●	●	●							
SNMT13T6ANER-FL		●	●	●	●	●	●	SNET13T6ANER-FL		●	●			
SNMT13T6ANER-FG		●	●	●	●	●	●	SNET13T6ANER-FG		●	●			
ONMT05T6ANER-L			●	●	●	●	●	ONET05T6ANER-L		●	●			
ONMT05T6ANER-G			●	●	●	●	●	ONET05T6ANER-G		●	●			
XNEU13T6ANEN-W	●			●			●							
								SNET13T6ANFR-S					●	●

*Suggested Retail Price in USD

Kit Prices italicized have 20 inserts



Max. Depth of Cut

SNMT: 6mm (.240")

ONMT: 3mm (.120")

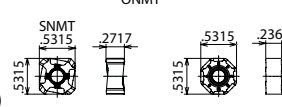
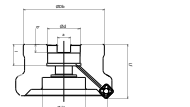


Fig.5



Offer valid through June 30, 2016

WEX 90° Shoulder Mill End/Shell Mills



Features & Benefits

- The unique shape and strength of the cutting edge has been optimized resulting in reduced cutting forces
- Available in 4 different insert geometries
- A wide range of machining applications due to the new "Super ZX" and "Super FF", and diamond-like carbon coatings
- Cutter body and insert strength provide for high feed rate capabilities
- Efficient chip removal due to air/coolant hole design
- **Max. Depth of Cut:** AXMT12: 10mm (.394") AXMT17: 14mm (.551")

**Kit includes:
Milling Cutter
and 10 Inserts**

WEX Shank Type - Inch

Catalog No.	Dimensions (Inches)						Ramp Angle	# of Teeth	Buy 1 Get 1 FREE	WEX Kit Price*	Buy Inserts Get Cutter FREE
	D	d	L	ℓ ₁	ℓ ₂						
AXMT12 WEX20500EW	0.500	0.750	3.325	1.309	2.031		5°	1		\$148.00	40
WEX20625EW	0.625	0.625	3.218	1.312	1.906		4°	2		\$151.00	60
WEX20625MW	0.625	.0625	3.591	1.685	1.906		4°	2		\$156.00	60
WEXC20750EW	0.750	0.750	3.561	1.530	2.031		4°	2		\$157.00	60
WEXC20750ELC	0.750	0.750	8.000	2.000	6.000		4°	2		\$170.00	60
WEX20750EW	0.750	0.750	3.561	1.530	2.031		4°	3		\$169.00	70
WEX20750EMW	0.750	0.750	4.091	2.060	2.031		4°	3		\$181.00	70
WEX20750ELW	0.750	0.750	5.091	3.060	2.031		4°	3		\$189.00	70
WEX20750ELC	0.750	0.750	10.000	3.080	6.920		4°	3		\$192.00	80
WEXC21000EW	1.000	1.000	3.812	1.531	2.281		2°	3		\$180.00	70
WEXC21000EMW	1.000	1.000	4.841	2.560	2.281		2°	3		\$185.00	80
WEX21000EW	1.000	1.000	3.812	1.530	2.281		2°	4		\$185.00	80
WEX21000ELC	1.000	1.000	10.000	3.157	6.843		2°	4		\$198.00	90
WEX21250EW	1.250	1.250	4.531	2.250	2.281		1°30'	5		\$195.00	100
AXMT17 WEX31000EW	1.000	1.000	3.811	1.530	2.281		5°	2		\$160.00	60
WEX31000EMW	1.000	1.000	4.841	2.560	2.281		5°	2		\$173.00	60
WEX31000ELW	1.000	1.000	6.341	4.060	2.281		5°	2		\$177.00	60
WEX31000ELC	1.000	1.000	10.000	3.137	6.863		5°	2		\$180.00	70
WEX31250EW	1.250	1.250	4.531	2.250	2.281		3°	3		\$169.00	70
WEX31250EMW	1.250	1.250	6.381	4.100	2.281		3°	3		\$181.00	70
WEX31250ELC	1.250	1.250	10.000	3.149	6.851		3°	3		\$185.00	80
WEXC31500EMW	1.500	1.500	6.421	4.140	2.281		2°	3		\$200.00	80
WEX31500EW	1.500	1.250	4.531	2.250	2.281		2°	4		\$214.00	80
WEX31500ELC	1.500	1.500	10.000	3.149	7.000		2°	4		\$245.00	90
WEX32000EW	2.000	1.250	4.531	2.250	2.281		2°	5		\$247.00	100

BUY ONE GET ONE FREE

WEX Shell Mill Type - Inch

Catalog No.	Dimensions (Inches)								Ramp Angle	# of Teeth	Buy 1 Get 1 FREE	WEX Kit Price*	Buy Inserts Get Cutter FREE
	D	d ₁	d ₂	a	t	H	h						
AXMT12 WEX21500R	1.500	0.750	0.406	0.312	0.187	1.562	0.750		2°	6		\$302.00	120
WEX22000R	2.000	0.750	0.406	0.312	0.187	1.562	0.750		1°	7		\$325.00	130
WEX22500R	2.500	1.000	0.531	0.375	0.218	1.562	0.750		0°30'	8		\$351.00	140
AXMT17 WEX32000R	2.000	0.750	0.406	0.312	0.187	1.562	0.750		1°	5		\$243.00	100
WEX32500R	2.500	1.000	0.531	0.375	0.218	1.562	0.750		0°30'	6		\$276.00	120
WEXC33000R	3.000	1.000	0.531	.0375	0.218	1.750	0.750		0°30'	5		\$255.00	120
WEX33000R	3.000	1.000	0.531	0.375	0.218	1.750	0.750		0°30'	7		\$301.00	140
WEXC34000R	4.000	1.250	0.656	0.500	0.281	2.000	0.750		N/A	6		\$288.00	130
WEXC34000R-1.50	4.000	1.500	0.781	0.626	0.380	2.461	1.535		N/A	6		\$288.00	130
WEX34000R	4.000	1.250	0.656	0.500	0.281	2.000	0.750		N/A	8		\$350.00	150
WEX34000R-1.50	4.000	1.500	0.781	0.626	0.380	2.461	1.535		N/A	8		\$350.00	150
WEXC36000R	6.000	1.500	1.500	0.625	0.380	2.500	1.060		N/A	8		\$750.00	240
WEX38000R	8.000	2.500	2.500	1.000	0.560	2.500	1.250		N/A	12		\$1,165.00	360

BUY ONE GET ONE FREE

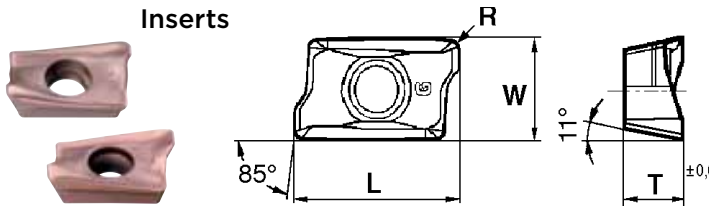
Kit Prices italicized have 20 inserts

*Suggested Retail Price in USD

Offer valid through June 30, 2016

WEX 90° Shoulder Mill

Inserts



Max. Depth of Cut

AXMT12: 10mm (.394")

AXMT17: 14mm (.551")

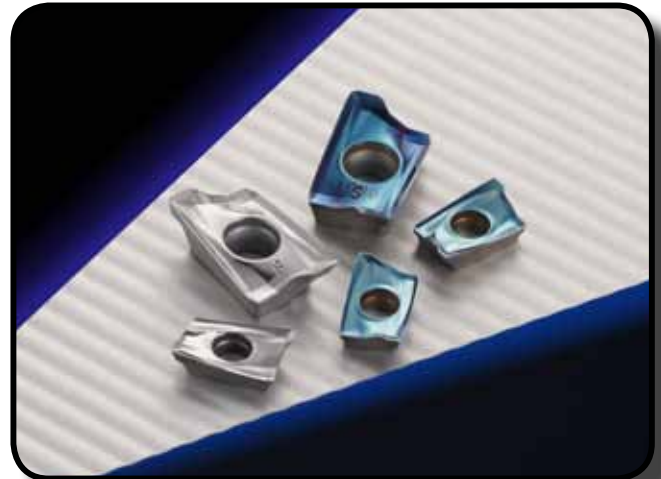
WEX2000 Inserts

Insert	P		K	M	S	N		Dimensions (Inches)					
	ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	DL1000	H1	L	W	T	R	Facet Width
AXMT123504PEERG	●	●	●	●					.472	.260	.138	.016	.061
AXMT123504PEERH	●	●	●	●					.472	.260	.138	.016	.061
AXMT123508PEERG	●	●	●	●					.472	.260	.138	.031	.061
AXMT123508PEERH	●	●	●	●					.472	.260	.138	.031	.061
AXMT123512PEERG	●	●	●	●					.472	.260	.138	.047	.061
AXMT123512PEERH	●	●	●	●					.472	.260	.138	.047	.061
AXMT123504PEERE					●	●			.472	.260	.138	.016	.061
AXMT123508PEERE					●	●			.472	.260	.138	.031	.061
AXMT123508PEEREH					●	●			.472	.260	.138	.031	.061
AXMT123512PEERE					●	●			.472	.260	.138	.047	.061
AXMT123516PEERE					●	●			.472	.260	.138	.063	.061
AXMT123524PEERE					●	●			.472	.260	.138	.094	.061
AXMT123532PEERE					●	●			.472	.260	.138	.126	.061
AXET123502PEFRS							●	●	.472	.260	.138	.008	.061
AXET123504PEFRS							●	●	.472	.260	.138	.016	.061
AXET123508PEFRS							●	●	.472	.260	.138	.031	.061

WEX3000 Inserts

Insert	P		K		M		S		N		Dimensions (Inches)				
	ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	DL1000	H1	L	W	T	R	Facet Width		
AXMT170504PEERG	●	●	●	●					.689	.402	.219	.016	.118		
AXMT170508PEERG	●	●	●	●					.689	.402	.219	.031	.118		
AXMT170508PEERH	●	●	●	●					.689	.402	.219	.031	.118		
AXMT170508PEERL	●	●	●	●					.689	.402	.219	.031	.118		
AXMT170512PEERG	●	●	●	●					.689	.402	.219	.047	.118		
AXMT170512PEERH	●		●						.689	.402	.219	.047	.118		
AXMT170516PEERG	●	●	●	●					.689	.402	.219	.063	.118		
AXMT170520PEERG	●	●	●	●					.689	.402	.219	.079	.118		
AXMT170530PEERG	●	●	●	●					.689	.402	.219	.118	.118		
AXMT170532PEERG	●								.689	.402	.219	.126	.118		
AXMT170504PEERE					●	●			.689	.402	.219	.016	.118		
AXMT170508PEERE					●	●			.689	.402	.219	.031	.118		
AXMT170508PEEREH					●	●			.689	.402	.219	.031	.118		
AXMT170512PEERE					●	●			.689	.402	.219	.047	.118		
AXMT170516PEERE					●	●			.689	.402	.219	.063	.118		
AXMT170520PEERE					●	●			.689	.402	.219	.079	.118		
AXMT170524PEERE					●	●			.689	.402	.219	.094	.118		
AXMT170530PEERE					●	●			.689	.402	.219	.118	.118		
AXMT170531PEERE					●	●			.689	.402	.219	.122	.118		
AXMT170548PEERE					●	●			.689	.402	.219	.189	.118		
AXMT170563PEERE					●	●			.689	.402	.219	.248	.118		
AXET170502PEFRS							●	●	.689	.402	.219	.008	.118		
AXET170504PEFRS							●	●	.689	.402	.219	.016	.118		
AXET170508PEFRS							●	●	.689	.402	.219	.031	.118		

**Now available
in ACM grades for
Stainless Steel and
Exotic Materials!**



Offer valid through June 30, 2016

**Superb
90 degree
sidewall
accuracy!**

WFX 90° Shoulder Mill

4-cornered inserts



Features & Benefits

WFX is a screw-down type cutter capable of using four-cornered inserts. Ideal cutting edge design offers exceptional squareness. The insert shape is optimized for shoulder milling. When combined with a high-precision body it leaves a superior machined surface finish.

- **Max. depth of cut (ap):** 0.394" (10.0mm)
- With oil hole: $\phi 5.0$ " or less
- Three types of chipbreakers

**Kit includes:
Milling Cutter
and 10 Inserts**

WFX - Coarse Pitch - Inch

Catalog No.	Dimensions (Inches)							# of Teeth	Buy 1 Get 1 FREE	WFX Kit Price*	Buy Inserts Get Cutter FREE
	D	d ₁	F	d	a	b	E				
WFX42000R	2.000	1.500	1.750	0.750	0.312	0.187	0.750	3	BUY ONE GET ONE FREE	\$247.00	80
WFX42500R	2.500	1.750	1.750	1.000	0.375	0.218	0.750	4		\$279.00	90
WFX43000R	3.000	2.250	1.750	1.000	0.375	0.218	0.750	4		\$318.00	90
WFX44000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	5		\$376.00	100
WFX44000R-1.50	4.000	4.000	2.500	1.500	0.625	0.380	1.000	5		\$376.00	100
WFX45000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	6		\$486.00	120
WFX46000R	6.000	4.380	2.500	1.500	0.625	0.380	1.060	8		\$653.00	170
WFX48000R	8.000	5.120	2.500	2.500	1.000	0.560	1.595	10		\$868.00	210

WFXF - Fine Pitch - Inch

Catalog No.	Dimensions (Inches)							# of Teeth	Buy 1 Get 1 FREE	WFXF Kit Price*	Buy Inserts Get Cutter FREE
	D	d ₁	F	d	a	b	E				
WFXF42000R	2.000	1.500	1.750	0.750	0.312	0.187	1.020	4	BUY ONE GET ONE FREE	\$273.00	90
WFXF42500R	2.500	1.750	1.750	1.000	0.375	0.218	1.020	5		\$318.00	100
WFXF43000R	3.000	2.250	1.750	1.000	0.375	0.218	1.020	6		\$363.00	110
WFXF44000R	4.000	2.870	2.000	1.250	0.500	0.280	1.060	7		\$415.00	120
WFXF44000R-1.50	4.000	4.000	2.500	1.500	0.625	0.380	1.000	7		\$415.00	120
WFXF45000R	5.000	3.750	2.500	1.500	0.625	0.380	1.060	8		\$544.00	140
WFXF46000R	6.000	4.380	2.500	1.500	0.625	0.380	1.060	12		\$752.00	180
WFXF48000R	8.000	5.120	2.500	2.500	1.000	0.560	1.595	16		\$977.00	240

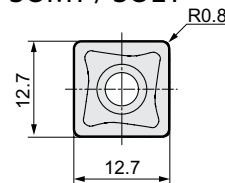
WFXX - Fine Pitch - Inch

Catalog No.	Dimensions (Inches)							# of Teeth	Buy 1 Get 1 FREE	WFXX Kit Price*	Buy Inserts Get Cutter FREE
	D	d ₁	F	d	a	b	E				
WFXX42000R	2.000	1.500	1.750	0.750	0.312	0.187	1.020	5	BUY ONE GET ONE FREE	\$292.00	100
WFXX42500R	2.500	1.750	1.750	1.000	0.375	0.218	1.020	6		\$337.00	110
WFXX43000R	3.000	2.250	1.750	1.000	0.375	0.218	1.020	8		\$408.00	130
WFXX44000R	4.000	2.870	2.000	1.250	0.500	0.280	1.060	10		\$571.00	150
WFXX44000R-1.50	4.000	4.000	2.500	1.500	0.625	0.380	1.000	10		\$571.00	150
WFXX45000R	5.000	3.750	2.500	1.500	0.625	0.380	1.060	12		\$726.00	170

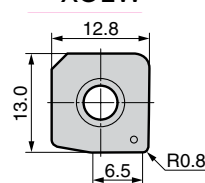
Kit Prices italicized have 20 inserts

*Suggested Retail Price in USD

SOMT / SOET

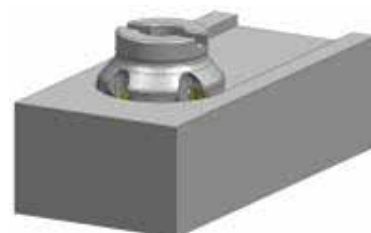


XOEW



Inserts	P				K	M	S	N		
Catalog No.	ACP100	ACP200	ACP300	T4500A	ACK200	ACK300	ACM200	ACM300	DL1000	H1
SOMT 120408PDER-L	●	●	●		●	●	●	●		
SOMT120404PDER-G	●	●	●		●	●	●	●		
SOMT120408PDER-G	●	●	●		●	●	●	●		
SOMT120412PDER-G	●	●	●	★	●	●	●	●		
SOMT120416PDER-G	●	●	●		●	●	●	●		
SOMT120408PDER-H	●	●	●		●	●	●	●		
SOET120408PDER-S									●	●
XOEW120408PDTR-AW				●		●				

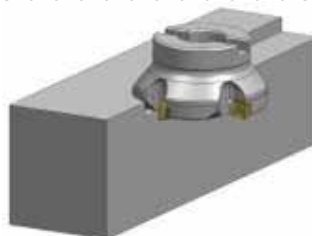
Slot Milling



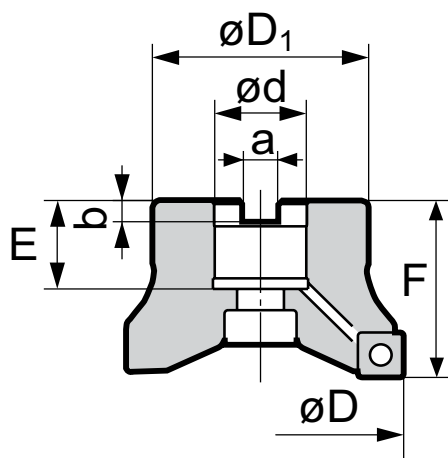
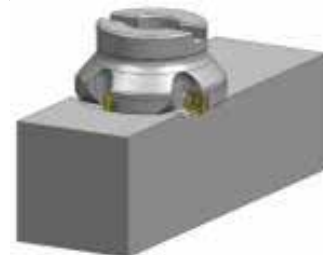
Side - Face Milling



Shoulder Milling



Face Milling



Offer valid through June 30, 2016

PWS High Efficiency Shoulder Mill

Tangentially Mounted Inserts



Features & Benefits

- Highly reliable shoulder mill tangentially mounted for never-before-possible cutting edge strength and sharp cutting edges.
- Tangentially mounted inserts for outstanding cutting edge strength combined with optimized breaker for excellent edge sharpness and cutting ability.
- Serrated insert design created with high-precision molding technology provides stable milling, even in applications with large tool overhang
- **Max Depth of Cut: 0.63 in.**

Fig 1

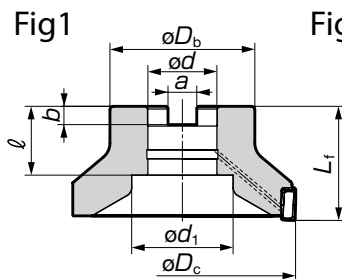


Fig 2

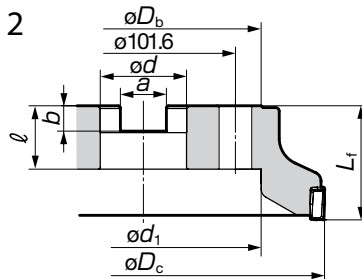
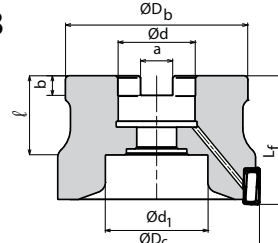


Fig 3



Kit includes:
Milling Cutter
and 10 Inserts

PWS - Standard Pitch - Inch

Catalog Number	Dimensions								# of Teeth	Weight (lbs)	Fig.	Buy 1 Get 1 Free	PWS Kit Price	Buy Inserts Get Cutter FREE
	ϕD_c	ϕD_b	L_f	ϕd	ϕd_1	a	b	ℓ						
PWS43000R	3.000	2.250	1.750	1.000	0.797	0.375	0.220	1.020	5	2.10	1	Buy One Get One FREE	\$485.00	80
PWS44000R-1.25	4.000	2.870	2.000	1.250	1.000	0.500	0.280	1.020	6	5.29	1		\$530.00	90
PWS44000R-1.50	4.000	3.540	2.500	1.500	2.000	0.625	0.380	2.400	6	5.40	3		\$530.00	90
PWS45000R	5.000	3.750	2.500	1.500	2.000	0.625	0.380	1.535	7	5.29	1		\$645.00	110
PWS46000R	6.000	4.380	2.500	1.500	2.000	0.625	0.380	1.535	8	8.81	1		\$845.00	150

*Suggested Retail Price in USD

PWSF - Fine Pitch - Inch

Catalog Number	Dimensions								# of Teeth	Weight (lbs)	Fig.	Buy 1 Get 1 Free	PWSF Kit Price	Buy Inserts Get Cutter FREE
	ϕD_c	ϕD_b	L_f	ϕd	ϕd_1	a	b	ℓ						
PWSF43000R	3.000	2.250	1.750	1.000	0.797	0.375	0.220	1.020	7	1.95	1	Buy One Get One FREE	\$510.00	100
PWSF44000R-1.25	4.000	2.870	2.000	1.250	1.000	0.500	0.280	1.020	9	5.07	1		\$555.00	120
PWSF44000R-1.50	4.000	3.540	2.500	1.500	2.000	0.625	0.380	2.400	9	5.10	3		\$555.00	120
PWSF45000R	5.000	3.750	2.500	1.500	2.000	0.625	0.380	1.535	10	5.07	1		\$720.00	140
PWSF46000R	6.000	4.380	2.500	1.500	2.000	0.625	0.380	1.535	13	8.59	1		\$965.00	180

Kit Prices italicized have 20 inserts *Suggested Retail Price in USD

Inserts

.....

P Steel M Stainless Steel K Cast Iron N Non-ferrous S Super Alloy H Hardened Material

Grade		Coated Carbide					Application	Fig.
Application	High speed/Light	P				K		
	General Purpose		P _M	M		K		
	Roughing		P _M	P _M		K		
Catalog Number		ACP100	ACP200	ACP300	ACK200	ACK300		
LNMX170808PNSR-L		●	●	●	●	●	Light Cut	10
LNMX170808PNSR-G		●	●	●	●	●	General Purpose	10
LNMX170808PNSR-R		●	●	●	●	●	Heavy Cut	11

Fig 10

176°

R0.8

1

2

13

17.2

8

Fig 11

176°

R0.8

1

2

13

17.2

8

Fig 10

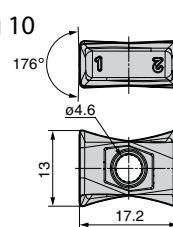
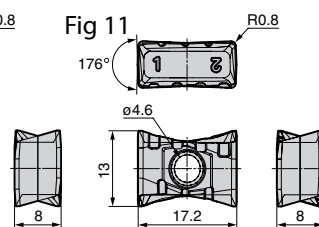
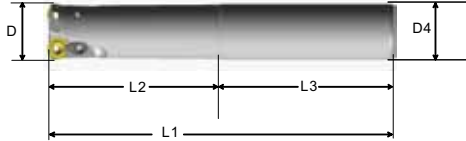


Fig 11

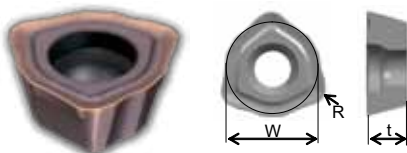
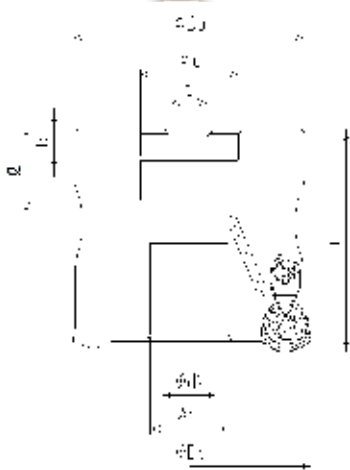


Offer valid through June 30, 2016

MSX High Feed Mill End/Shell Mills



NEW!
MSX
Shell Mill



Features & Benefits

- High feed rates- up to .055 IPT significantly reduces cycle time
- Higher clamping rigidity due to double clamping system
- Capable of ramping and helical applications
- Available in Weldon (EW) and Cylindrical (ELC) type shanks
- **Max. Depth of Cut:** WDMT06: .039" (1.0mm) WDMT08: .059" (1.5mm)
WDMT12: .079" (2.0mm) WDMT14: .098" (2.5mm)

**Up to
.055 IPT feed
rates!**

**Kit includes:
Milling Cutter
and 10 Inserts**

MSX Endmills - Inch								Buy 1 Get 1 Free	MSX Kit Price	Buy Inserts Get Cutter FREE
Catalog Number	D	D ₄	L ₁	L ₂	L ₃	Teeth	Insert Type			
MSX20750EW	0.750	0.750	5.125	2.000	2.031	3	WDMT06	BUY ONE GET ONE FREE	\$200.00	70
MSX20750ELC	0.750	0.750	8.000	2.000	6.000	3			\$180.00	70
MSX31000EW	1.000	1.000	4.781	2.500	2.281	2			\$240.00	60
MSX31000ELC	1.000	1.000	10.000	2.500	7.500	2			\$215.00	60
MSXF31000EW	1.000	1.000	4.781	2.500	2.281	3	WDMT08		\$230.00	80
MSXF31250EW	1.250	1.250	4.781	2.500	2.281	3			\$235.00	80
MSXF31500EW	1.500	1.500	4.781	2.500	2.281	4			\$300.00	90
MSX41250EW	1.250	1.250	4.781	2.500	2.281	2			\$260.00	60
MSX41250ELC	1.250	1.250	10.000	2.500	7.500	2			\$230.00	60
MSX41500EW	1.500	1.250	4.781	2.500	2.281	2	WDMT12		\$270.00	60
MSX41500ELC	1.500	1.500	10.000	2.500	7.500	2			\$235.00	60
MSXF41500EW	1.500	1.500	4.781	2.500	2.281	3			\$265.00	80

*Suggested Retail Price in USD

MSX - Shell Mills - Inch												Buy 1 Get 1 Free	MSX Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	D _c	D _b	L _f	d	a	b	ℓ	d ₁	d ₂	Teeth	Insert			
MSX31500R	1.500	1.339	1.530	0.750	0.312	0.190	0.750	0.609	0.406	4	WDMT08	BUY ONE GET ONE FREE	\$290.00	100
MSX32000R	2.000	1.850	2.000	0.750	0.312	0.190	0.750	0.609	0.406	5			\$330.00	120
MSX42000R	2.000	1.850	2.000	0.750	0.312	0.190	0.750	0.609	0.406	4			\$334.00	90
MSXM42000R	2.000	1.850	2.000	0.750	0.312	0.190	0.750	0.609	0.406	5			\$345.00	100
MSX42500R	2.500	2.362	2.000	1.000	0.375	0.220	0.750	0.797	0.530	5	WDMT12		\$379.00	110
MSX43000R	3.000	2.756	2.000	1.000	0.375	0.220	0.750	0.797	0.530	6			\$424.00	120
MSX44000R-1.25	4.000	3.740	2.500	1.250	0.500	0.280	0.750	1.000	0.656	7			\$475.00	140
MSX44000R-1.50	4.000	3.740	2.500	1.500	0.625	0.380	1.000	2.000	0.781	7			\$475.00	140
MSX52000R	2.000	1.850	2.000	0.750	0.312	0.190	0.750	0.609	0.406	4			\$346.00	100
MSX52500R	2.500	2.362	2.000	1.000	0.375	0.220	0.750	0.797	0.531	5			\$390.00	110
MSX53000R	3.000	2.756	2.000	1.000	0.375	0.220	0.750	0.797	0.531	5			\$447.00	120
MSX54000R-1.25	4.000	3.740	2.500	1.250	0.500	0.280	0.750	1.000	0.656	6	WDMT14		\$505.00	130
MSX54000R-1.50	4.000	3.740	2.500	1.500	0.625	0.380	1.000	2.000	0.781	6			\$505.00	140
MSX55000R	5.000	3.937	2.500	1.500	0.625	0.380	1.000	2.000	0.781	7			\$610.00	140
MSX56000R	6.000	3.937	2.500	1.500	0.625	0.380	1.000	2.000	0.781	8			\$690.00	160

*Suggested Retail Price in USD

Inserts

Type	Insert	Insert Dimensions (in)						Max Depth of Cut (In.)
		P	K	M	S	W	R	t
General Purpose	WDMT0603ZDTR	●	●	●	●	.250	.0591	.1181
	WDMT0804ZDTR	●	●	●	●	.335	.0787	.1575
	WDMT1205ZDTR	●	●	●	●	.472	.0787	.1969
	WDMT1406ZDTR	●	●	●	●	.551	.0787	.2362
Honed Type	WDMT0603ZDTR-H	●	●	●	●	.250	.0591	.1181
	WDMT0804ZDTR-H	●	●	●	●	.335	.0787	.1575
	WDMT1205ZDTR-H	●	●	●	●	.472	.0787	.1969
	WDMT1406ZDTR-H	●	●	●	●	.551	.0787	.2362

Offer valid through June 30, 2016

RSX Wave Radius Mill for Stainless Steel & Exotic Material



Features & Benefits

- Wide application range that includes face milling, ramping, slotting, 3-D interpolation, and helical boring
- A highly durable body made of special alloyed steel and protected by a hard surface treatment
- Round pocket design eliminates insert rotation during aggressive machining

Fig. 1

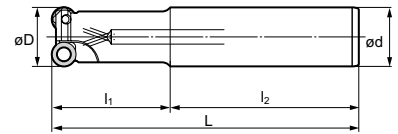
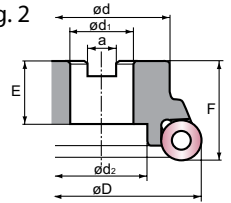


Fig. 2



**Kit includes:
Milling Cutter
and 10 Inserts**

*Suggested Retail Price in USD

RSX - Shell Mills - Inch

Catalog No.	ϕD	ϕd	F	d_1	d_2	d_3	E	a	Insert Type	# of Inserts	Fig.	Buy 1 Get 1 Free	RSX Kit Price*	Buy Inserts Get Cutter FREE
RSX32000R	2.000	1.500	1.750	0.750	0.406	0.609	1.020	0.312	RDET10	4	2		\$300.00	60
RSX42000R	2.000	1.500	1.750	0.750	0.406	0.609	1.020	0.312	RDET12	4	2		\$310.00	60
RSX42500R	2.500	1.750	1.750	1.000	0.531	0.797	1.020	0.375	RDET12	5	2		\$360.00	70
RSX43000R	3.000	2.250	1.750	1.000	0.531	0.797	1.020	0.375	RDET12	6	2		\$415.00	80
RSX44000R-1.25	4.000	2.870	2.000	1.250	0.656	1.000	1.020	0.500	RDET12	7	2		\$480.00	90
RSX44000R-1.50	4.000	2.870	2.500	1.500	0.781	2.000	1.535	0.625	RDET12	7	2		\$480.00	90
RSX45000R	5.000	3.750	2.500	1.500	0.781	2.000	1.312	0.625	RDET12	8	2		\$585.00	100
RSX46000R	6.000	4.380	2.500	1.500	0.781	2.000	1.312	0.625	RDET12	9	2		\$685.00	110
RSX52500R	2.500	1.750	1.750	1.000	0.531	0.797	1.020	0.375	RDET16	4	2		\$360.00	60
RSX53000R	3.000	2.250	1.750	1.000	0.531	0.797	1.020	0.375	RDET16	5	2		\$415.00	80
RSX54000R-1.25	4.000	2.870	2.000	1.250	0.656	1.000	1.020	0.500	RDET16	7	2		\$500.00	90
RSX54000R-1.50	4.000	2.870	2.500	1.500	0.781	2.000	1.535	0.625	RDET16	7	2		\$500.00	90
RSX55000R	5.000	3.750	2.500	1.500	0.781	2.000	1.312	0.625	RDET16	8	2		\$605.00	100
RSX56000R	6.000	4.380	2.500	1.500	0.781	2.000	1.312	0.625	RDET16	9	2		\$705.00	110
RSXF32000R	2.000	1.500	1.750	0.750	0.406	0.609	1.020	0.312	RDET10	6	2		\$320.00	80
RSXF42000R	2.000	1.500	1.750	0.750	0.406	0.609	1.020	0.312	RDET12	5	2		\$330.00	70
RSXF42500R	2.500	1.750	1.750	1.000	0.531	0.797	1.020	0.375	RDET12	6	2		\$380.00	80
RSXF43000R	3.000	2.250	1.750	1.000	0.531	0.797	1.020	0.375	RDET12	8	2		\$465.00	100
RSXF44000R-1.25	4.000	2.870	2.000	1.250	0.656	1.000	1.020	0.500	RDET12	9	2		\$540.00	110
RSXF44000R-1.50	4.000	2.870	2.500	1.500	0.781	2.000	1.535	0.625	RDET12	9	2		\$540.00	110
RSXF45000R	5.000	3.750	2.500	1.500	0.781	2.000	1.312	0.625	RDET12	11	2		\$720.00	130
RSXF46000R	6.000	4.380	2.500	1.500	0.781	2.000	1.312	0.625	RDET12	12	2		\$840.00	160
RSXF52500R	2.500	1.750	1.750	1.000	0.531	0.797	1.020	0.375	RDET16	5	2		\$285.00	70
RSXF53000R	3.000	2.250	1.750	1.000	0.531	0.797	1.020	0.375	RDET16	6	2		\$325.00	90
RSXF54000R-1.25	4.000	2.870	2.000	1.250	0.656	1.000	1.020	0.500	RDET16	8	2		\$400.00	110
RSXF54000R-1.50	4.000	2.870	2.500	1.500	0.781	2.000	1.535	0.625	RDET16	8	2		\$400.00	110
RSXF55000R	5.000	3.750	1.500	1.500	0.781	2.000	1.312	0.625	RDET16	9	2		\$475.00	120
RSXF56000R	6.000	6.000	4.380	2.500	1.500	0.781	2.000	1.312	RDET16	10	2		\$560.00	130

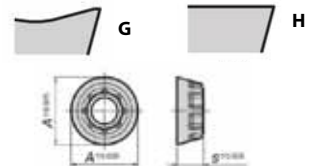
Kit Prices italicized have 20 inserts

RSX - Shank Type - Inch

Catalog No.	ϕD	ϕd	L	L_1	L_2	Insert Type	# of Inserts	Shank Style	Fig.	Buy 1 Get 1 Free	RSX Kit Price*	Buy Inserts Get Cutter FREE
RSX31000EW	1.000	1.000	4.340	2.060	2.280	RDET10	2	Weldon	1		\$190.00	30
RSX31250EW	1.250	1.250	4.340	2.060	2.280	RDET10	3	Weldon	1		\$245.00	40
RSX31500EW	1.500	1.250	4.340	2.060	2.280	RDET10	3	Weldon	1		\$270.00	40
RSX41250EW	1.250	1.250	4.340	2.060	2.280	RDET12	2	Weldon	1		\$235.00	40
RSX41500EW	1.500	1.250	4.340	2.060	2.280	RDET12	3	Weldon	1		\$280.00	50
RSXF31000EW	1.000	1.000	4.340	2.060	2.280	RDET10	3	Weldon	1		\$255.00	40
RSXF31000ELC	1.000	1.000	10.000	3.750	6.250	RDET10	3	Cylindrical	1		\$265.00	50
RSXF31250EW	1.250	1.250	4.340	2.060	2.280	RDET10	4	Weldon	1		\$305.00	50
RSXF31250ELC	1.250	1.250	10.000	3.750	6.250	RDET10	4	Cylindrical	1		\$315.00	60
RSXF31500EW	1.500	1.250	4.340	2.060	2.280	RDET10	4	Weldon	1		\$330.00	60
RSXF31500ELC	1.500	1.250	10.000	3.750	6.250	RDET10	4	Cylindrical	1		\$340.00	70
RSXF41250EW	1.250	1.250	4.340	2.060	2.280	RDET12	3	Weldon	1		\$285.00	50
RSXF41250ELC	1.250	1.250	10.000	3.750	6.250	RDET12	3	Cylindrical	1		\$295.00	60
RSXF41500EW	1.500	1.250	4.340	2.060	2.280	RDET12	4	Weldon	1		\$340.00	70
RSXF41500ELC	1.500	1.250	10.000	3.750	6.250	RDET12	4	Cylindrical	1		\$350.00	80

*Suggested Retail Price in USD

Inserts



Inserts	P	K	M		S	Dimensions		
	ACP200	ACK300	ACM100	ACM200	ACM300	I.C.	Thickness	
	RDET10T3MOEN-G	•	•	•	•	•	0.394	0.156
	RDET10T3MOEN-H	•	•	•	•	•		
	RDET1204MOEN-G	•	•	•	•	•	0.472	0.187
	RDET1204MOEN-H	•	•	•	•	•		
	RDET1606MOEN-G	•	•	•	•	•	0.629	0.256
RDET1606MOEN-H	•	•	•	•	•			

Offer valid through June 30, 2016

Grade Applications

• for Steel & Stainless Steel

Grade	Coating	Description
ACP100	CVD	Al ₂ O ₃ based "Super FF" coating with an ultra fine TiCN layer for high speed and wet cutting of steels and stainless steels; super tough substrate for better wear and thermal cracking resistance.
ACP200	PVD	Multi-layered "Super ZX" coating consisting of nanometer thick TiAlN and AlCrN layers, coupled with fine-grained tough substrate for excellent balance of fracture and wear resistance; for general purpose milling of steels and stainless steels.
ACP300	PVD	Multi-layered "Super ZX" coating consisting of nanometer thick TiAlN and AlCrN layers, coupled with fine-grained super tough substrate for excellent fracture resistance; ideal for interrupted machining of steels and stainless steels.

• for Cast Iron

Grade	Coating	Description
ACK200	CVD	Al ₂ O ₃ based "Super FF" coating with an ultra fine TiCN layer provides excellent anti-adhesion and wear resistance in general purpose milling of gray and ductile cast irons.
ACK300	PVD	Multi-layered "Super ZX" coating consisting of nanometer thick TiAlN and AlCrN layers, coupled with fine-grained super tough substrate for excellent fracture resistance; for general to interrupted machining of gray and ductile cast irons.

• for Superalloys and Stainless Steels

Grade	Coating	Description
ACM100 NEW	PVD	Multi-layered "Super ZX" coating consisting of nanometer thick TiAlN and AlCrN layers, coupled with fine-grained super tough substrate for excellent fracture resistance; for finishing of superalloys and stainless steels; excels in roughing and finishing of titanium
ACM200 NEW	CVD	Al ₂ O ₃ based "Super FF" coating with an ultra fine TiCN layer provides excellent anti-adhesion and wear resistance in general purpose milling of superalloys and stainless steels.
ACM300 NEW	PVD	Multi-layered "Super ZX" coating consisting of nanometer thick TiAlN and AlCrN layers, coupled with fine-grained super tough substrate for excellent fracture resistance; for general to interrupted machining of superalloys and stainless steels.

• for Non-ferrous Material

Grade	Coating	Description
DL1000	DLC	"Diamond-like Carbon" coated grade with exceptional wear resistance and superior surface finish capabilities when milling non-ferrous materials.
H1	J-Polish	Uncoated carbide grade with "J-Polish" to reduce chip adhesion when finish milling non-ferrous materials

Offer valid through June 30, 2016



SUMITOMO

CARBIDE - CBN - DIAMOND

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