Summer 2017 Promotion

SUMITOMO
CARBIDE - CBN - DIAMOND

Promo valid through July 31, 2017

Let Sumitomo help you meet your productivity goals!

Milling Promo Details

3 Ways to Save

1. **Buy Inserts, Get Cutter FREE**
2. **Kit Price:** Includes cutter & 10 inserts
3. **Special Promo Price on Shell Mill Holders**

SUMITOMO ELECTRIC GROUP

TSX 90° Shoulder Tangential Mill

Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts

NEW

Offer valid through July 31, 2017

Features & Benefits

- TSX provides superior metal removal rates
- Employs a cost effective 4-corner ground tolerance insert
- Tangentially mounted insert achieves excellent edge sharpness and side wall accuracy with optimized chipbreaker
- TSX provides the strength required for increased depths of cut ranging from a small job to a heavy duty roughing application
- TSX is available in two insert sizes offering a max depth of cut of 8mm (.315") and 12mm (.473")

Fig. 1

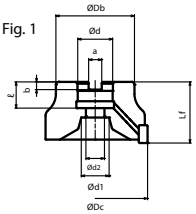
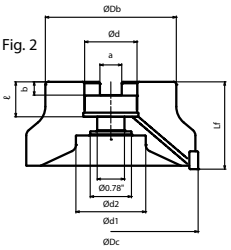


Fig. 2



TSX Shell Mill SERIES

TSX Shell Mill - Inch	Cat. No.	Dimensions (in.) øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2	No. of Teeth	Weight (lbs)	Fig.	TSX Kit Price*	Buy Inserts Get Cutter FREE
Insert: LNEX08 Type															
Standard	TSX31500R	1.500	1.339	1.750	0.750	0.312	0.190	0.750	0.609	0.406	4	0.44	1	$287.50	60
Standard	TSX32000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	5	0.88	1	$315.00	70
Standard	TSX32500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	6	1.10	1	$347.50	90
Fine	TSXF31500R	1.500	1.339	1.750	0.750	0.312	0.190	0.750	0.609	0.406	6	0.44	1	$300.00	80
Fine	TSXF32000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	8	0.88	1	$335.00	100
Fine	TSXF32500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	10	1.10	1	$380.00	130
Insert: LNEX13 Type															
Standard	TSX41500R	1.500	1.339	1.750	0.750	0.312	0.190	0.750	0.609	0.406	4	0.44	1	$300.00	60
Standard	TSX42000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	5	0.66	1	$335.00	80
Standard	TSX42500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	6	1.10	1	$367.50	90
Standard	TSX43000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	7	1.76	1	$440.00	100
Standard	TSX44000R	4.000	2.870	2.000	1.500	0.625	0.380	1.000	2.000	0.781	9	4.85	2	$480.00	110
Standard	TSX45000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	0.781	12	7.50	2	*$675.00*	130
Standard	TSX46000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	0.781	14	11.0	2	*$855.00*	160
Fine	TSXF41500R	1.500	1.339	1.750	0.750	0.312	0.190	0.750	0.609	0.406	5	0.44	1	$307.50	70
Fine	TSXF42000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	6	0.66	1	$340.00	90
Fine	TSXF42500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	8	1.10	1	$395.00	120
Fine	TSXF43000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	10	1.76	1	$480.00	120
Fine	TSXF44000R	4.000	2.870	2.000	1.500	0.625	0.380	1.000	2.000	0.781	13	4.85	2	*$600.00*	140

TSX Endmill SERIES

Fig. 1 **Insert: LNEX08**

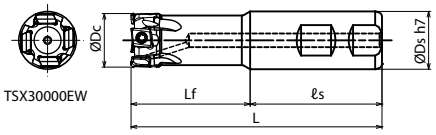
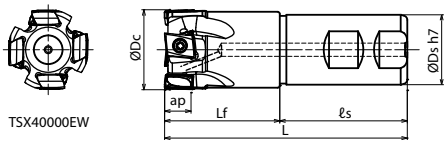
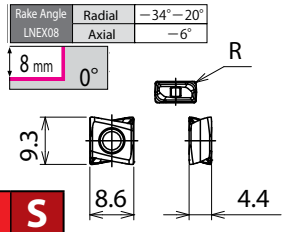


Fig. 2 **Insert: LNEX13**

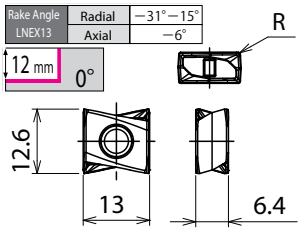


TSX Applicable Insert: LNEX

TSX3000
LNEX08
Max. DOC 8mm (.315")



TSX4000
LNEX13
Max. DOC 12 mm (.473")



P Steel	M Stainless Steel	K Cast Iron	S Exotic Alloy
●	●	●	●

TSX Endmill - Inch	Cat. No.	Dimensions (in.) øDc	øDs	Lf	ℓs	L	No. of Teeth	Weight (lbs)	Fig.	TSX Kit Price*	Buy Inserts Get Cutter FREE
Insert: LNEX08 Type											
Standard	TSX30625EW	0.625	0.625	1.312	1.906	3.218	2	0.22	1	$220.00	30
Standard	TSX30750EW	0.750	0.750	1.534	2.030	3.563	2	0.35	1	$235.00	30
Standard	TSX31000EW	1.000	1.000	2.060	2.281	4.341	3	0.88	1	$247.50	40
Standard	TSX31250EW	1.250	1.250	2.060	2.281	4.341	3	1.32	1	$267.50	40
Standard	TSX31500EW	1.500	1.250	2.060	2.281	4.341	4	1.54	1	$280.00	60
Fine	TSXF30750EW	0.750	0.750	1.534	2.030	3.563	3	0.44	1	$240.00	40
Fine	TSXF31000EW	1.000	1.000	2.060	2.281	4.341	4	0.88	1	$260.00	50
Fine	TSXF31250EW	1.250	1.250	2.060	2.281	4.341	5	1.32	1	$280.00	60
Fine	TSXF31500EW	1.500	1.250	2.060	2.281	4.341	6	1.54	1	$300.00	80
Insert: LNEX13 Type											
Standard	TSX41000EW	1.000	1.000	2.060	2.281	4.341	2	0.66	2	$240.00	30
Standard	TSX41250EW	1.250	1.250	2.060	2.281	4.341	2	1.32	2	$275.00	30
Standard	TSX41500EW	1.500	1.250	2.060	2.281	4.341	3	1.54	2	$280.00	50
Fine	TSXF41250EW	1.250	1.250	2.060	2.281	4.341	3	1.32	2	$280.00	40
Fine	TSXF41500EW	1.500	1.250	2.060	2.281	4.341	4	1.54	2	$295.00	60

Inserts ● USA stocked item	P ACP100	P ACP200	P ACP300	K ACK200	K ACK300	M/S ACM200	M/S ACM300	R
LNEX080404PNER-L	●	●	●		●	●	●	.016
LNEX080404PNER-G	●	●	●	●	●	●	●	.016
LNEX080408PNER-L	●	●	●		●	●	●	.031
LNEX080408PNER-G	●	●	●	●	●	●	●	.031
LNEX080412PNER-G	●	●	●	●	●	●	●	.047
LNEX080416PNER-G	●	●	●	●	●	●	●	.063
LNEX130604PNER-L	●	●	●		●	●	●	.016
LNEX130604PNER-G	●	●	●	●	●	●	●	.016
LNEX130608PNER-L	●	●	●		●	●	●	.031
LNEX130608PNER-G	●	●	●	●	●	●	●	.031
LNEX130608PNER-H	●	●	●	●	●			.031
LNEX130616PNER-G	●	●	●	●	●	●	●	.063
LNEX130616PNER-H		●	●	●	●			.063
LNEX130624PNER-G	●	●	●	●	●	●	●	.094
LNEX130624PNER-H		●	●	●	●			.094
LNEX130632PNER-G	●	●	●	●	●	●	●	.126
LNEX130632PNER-H		●	●	●	●			.126

Please see pages 346-347 of 17-18 General Catalog for more details on TSX

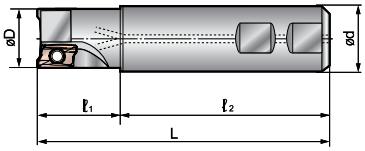
WEX 90° Shoulder Mill

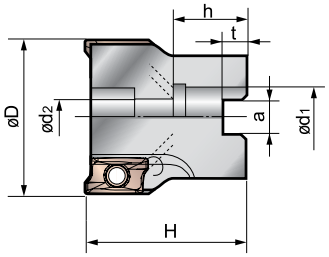
End/Shell Mills

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

Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts





	Catalog No.	Dimensions (Inches) D	d	L	ℓ_1	ℓ_2	Ramp Angle	# of Teeth	WEX Kit Price*	Buy Inserts Get Cutter FREE
WEX Endmill - Inch										
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**
	WEX20625EMW	0.625	0.625	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**

	Catalog No.	Dimensions (Inches) D	d_1	d_2	a	t	H	h	Ramp Angle	# of Teeth	WEX Kit Price*	Buy Inserts Get Cutter FREE
WEX Shell Mill - Inch												
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**

Kit Prices italicized have 20 inserts

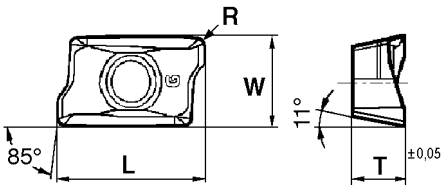
*Suggested Retail Price in USD

Offer valid through July 31, 2017

WEX 90° Shoulder Mill

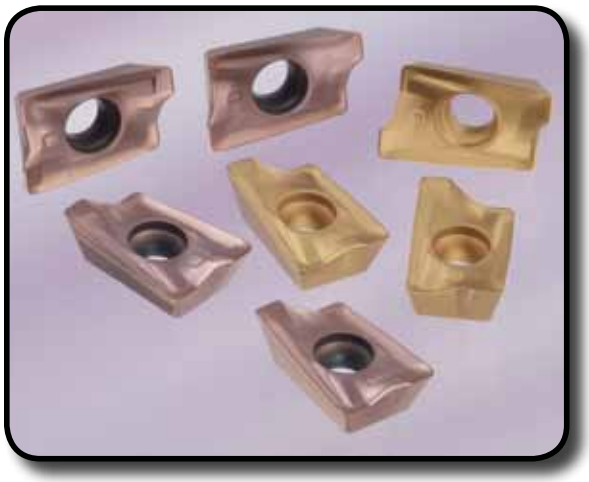
Inserts

Max. Depth of Cut
AXMT12: 10mm (.394")
AXMT17: 14mm (.551")



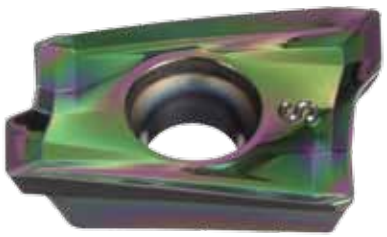
Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts

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



Insert	P			K		M		N		Dimensions (Inches)				
	ACP100	ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	DL1000	H1	L	W	T	R	Facet Width
WEX2000 Inserts														
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														
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
AXMT170548PEERH		●			●					.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

● USA stocked item



DL1000

H1

Offer valid through July 31, 2017

WFX 90° Shoulder Mill

4-cornered inserts

Offer valid through July 31, 2017

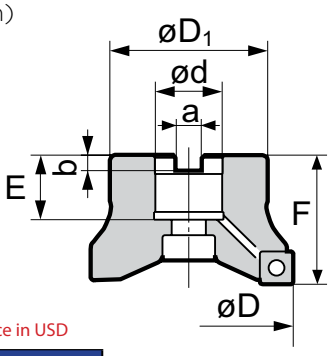
Features & Benefits

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

- **Max. depth of cut (ap):** 0.394" (10.0mm)
- With oil hole: ø5.0" or less

Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts

Superb 90 degree sidewall accuracy!



*Suggested Retail Price in USD

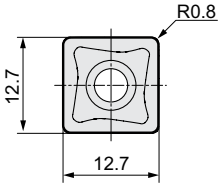
WFX - Coarse Pitch - Inch										
Catalog No.	Dimensions (Inches)							# of Teeth	WFX Kit Price*	Buy Inserts Get Cutter FREE
	D	d_1	F	d	a	b	E			
WFX42000R	2.000	1.500	1.750	0.750	0.312	0.187	0.750	3	$247.00	**80**
WFX42500R	2.500	1.750	1.750	1.000	0.375	0.218	0.750	4	$279.00	**90**
WFX43000R	3.000	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	WFX 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	$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**

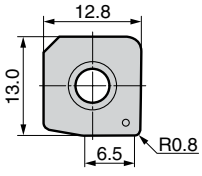
WFXX - Extra Fine Pitch - Inch										
Catalog No.	Dimensions (Inches)							# of Teeth	WFXX Kit Price*	Buy Inserts Get Cutter FREE
	D	d_1	F	d	a	b	E			
WFXX42000R	2.000	1.500	1.750	0.750	0.312	0.187	1.020	5	$292.00	**100**
WFXX42500R	2.500	1.750	1.750	1.000	0.375	0.218	1.020	6	$337.00	**110**
WFXX43000R	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**

Inserts	P				K		M		N	
Catalog No. ● USA stocked item	ACP100	ACP200	ACP300	T4500A	ACK200	ACK300	ACM200	ACM300	DL1000	H1
SOMT 120408PDER-L	●	●	●		●	●	●	●		
SOMT120404PDER-G	●	●	●		●	●	●	●		
SOMT120408PDER-G	●	●	●		●	●	●	●		
SOMT120412PDER-G	●	●	●	★	●	●	●	●		
SOMT120416PDER-G	●	●	●		●	●	●	●		
SOMT120408PDER-H	●	●	●		●	●	●	●		
SOET120408PDFR-S									●	●
XOEW120408PDTR-AW				●		●				

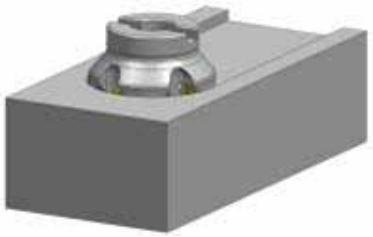
SOMT / SOET



XOEW

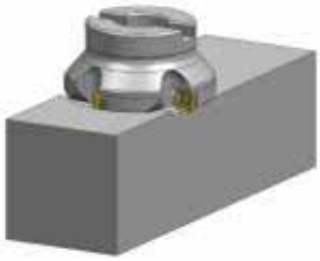


Slot Milling

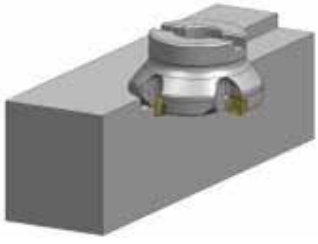


Side - Face Milling

Face Milling



Shoulder Milling



DFC 90°Milling Cutter

Double-sided, 6 edge inserts

Offer valid through July 31, 2017

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"
- Standard, fine pitch and extra-fine pitch styles
- **Max Depth of Cut:** 6mm (0.240")

Economical Six Edged Insert!

Fig. 1

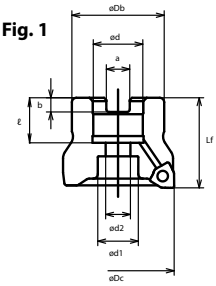
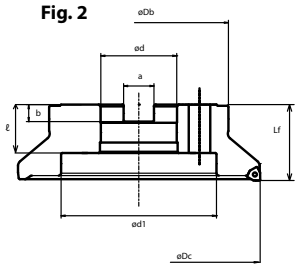


Fig. 2

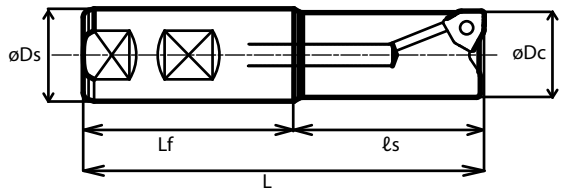


Milling Kit includes:
Milling Cutter and 10 Inserts

* Kit Prices italicized have 20 inserts

Cat. No.	Dimensions (in.) øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2	No. of Teeth	Weight (lbs)	Fig.	DFC Kit Price*	Buy Inserts Get Cutter FREE
DFC - Standard Pitch - Inch														
DFC22000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	4	0.75	1	$310.00	**70**
DFC22500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	5	1.08	1	$350.00	**80**
DFC23000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	6	1.81	1	$395.00	**90**
DFC24000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	1.000	0.656	6	3.84	1	$440.00	**100**
DFC24000R-1.50	4.000	3.150	2.500	1.500	0.625	0.380	1.000	2.000	1.181	6	4.76	1	$440.00	**100**
DFC25000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	1.181	7	7.87	1	$555.00	**110**
DFC26000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	1.181	8	11.64	1	$735.00	**120**
DFC28000R	8.000	5.906	2.500	2.500	1.000	0.560	1.594	5.118	-	10	15.00	2	$835.00	**180**
DFCM - Fine Pitch - Inch														
DFCM22000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	5	0.75	1	$335.00	**80**
DFCM22500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	6	1.05	1	$390.00	**90**
DFCM23000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	8	1.79	1	$435.00	**110**
DFCM24000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	1.000	0.656	10	3.79	1	$495.00	**120**
DFCM24000R-1.50	4.000	3.150	2.500	1.500	0.625	0.380	1.000	2.000	1.181	10	4.67	1	$495.00	**120**
DFCM25000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	1.181	12	7.78	1	***$710.00***	**130**
DFCM26000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	1.181	14	11.55	1	***$835.00***	**160**
DFCM28000R	8.000	5.906	2.500	2.500	1.000	0.560	1.594	5.118	-	15	14.79	2	***$1,030.00***	**200**
DFCF - Extra Fine Pitch - Inch														
DFCF22000R	2.000	1.500	1.750	0.750	0.312	0.190	0.750	0.609	0.406	6	0.71	1	$350.00	**90**
DFCF22500R	2.500	1.750	1.750	1.000	0.375	0.220	0.750	0.797	0.531	7	1.03	1	$395.00	**110**
DFCF23000R	3.000	2.250	1.750	1.000	0.375	0.220	0.750	0.797	0.531	9	1.76	1	$455.00	**120**
DFCF24000R	4.000	2.870	2.000	1.250	0.500	0.280	0.750	1.000	0.656	11	3.64	1	***$595.00***	**130**
DFCF24000R-1.50	4.000	3.150	2.500	1.500	0.625	0.380	1.000	2.000	1.181	11	4.54	1	***$595.00***	**130**
DFCF25000R	5.000	3.750	2.500	1.500	0.625	0.380	1.000	2.000	1.181	14	7.54	1	***$730.00***	**160**
DFCF26000R	6.000	4.380	2.500	1.500	0.625	0.380	1.000	2.000	1.181	16	11.29	1	***$860.00***	**180**
DFCF28000R	8.000	5.906	2.500	2.500	1.000	0.560	1.594	5.118	-	20	14.59	2	***$1,170.00***	**220**

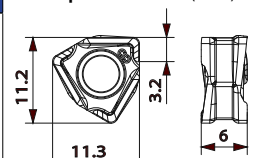
*Suggested Retail Price in USD Kit Prices italicized have 20 inserts



XNMU Inserts

● USA stocked item

Max. Depth of Cut: 6mm (.236")



Catalog Number	P ACP100	P ACP200	P ACP300	K ACK200	K ACK300	M ACM200	S ACM300	Radius
XNMU060604PNER-L		●	●		●		●	.016
XNMU060608PNER-L		●	●		●		●	.031
XNMU060604PNER-G	●	●	●	●	●	●	●	.016
XNMU060608PNER-G	●	●	●	●	●	●	●	.031
XNMU060612PNER-G	●	●	●	●	●	●	●	.047
XNMU060616PNER-G	●	●	●	●	●	●	●	.063
XNMU060608PNER-H	●	●	●	●	●	●	●	.031
XNMU060612PNER-H	●	●	●	●	●	●	●	.047
XNMU060616PNER-H	●	●	●	●	●	●	●	.063

Cat. No.	Dimensions (in.) øDc	øDs	Lf	ℓs	L	No. of Teeth	Weight (lbs)	DFC Kit Price*	Buy Inserts Get Cutter FREE
DFC Endmill - Inch									
DFC21000EW	1.000	1.000	2.060	2.281	4.341	2	0.77	$220.00	**30**
DFC21250EW	1.250	1.250	2.060	2.281	4.341	3	1.26	$235.00	**40**
DFC21500EW	1.500	1.250	2.060	2.281	4.341	3	1.52	$240.00	**50**
DFC22000EW	2.000	1.250	2.060	2.281	4.341	4	1.72	$265.00	**60**
DFC22500EW	2.500	1.250	2.060	2.281	4.341	5	2.12	$300.00	**60**
DFCM21500EW	1.500	1.250	2.060	2.281	4.341	4	1.50	$264.00	**60**
DFCM22000EW	2.000	1.250	2.060	2.281	4.341	5	1.70	$295.00	**70**
DFCM22500EW	2.500	1.250	2.060	2.281	4.341	7	2.07	$355.00	**70**

WGX 45° Face Mill
4-cornered inserts

Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts

Features & Benefits

Stable Machining
Special chipbreaker designed for WGX Type ensures low cutting resistance

High Quality
Improved run-out precision and unique wiper edge shape ensure excellent surface finish quality. Optimized chamfer shape reduces burrs and edge chipping

Max Depth of Cut: 6mm (0.240")

Fig 1

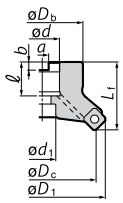


Fig 2

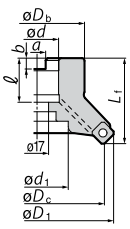


Fig 3

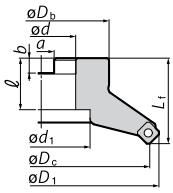


Fig 4

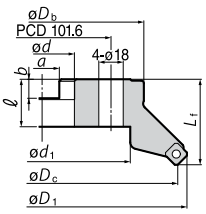
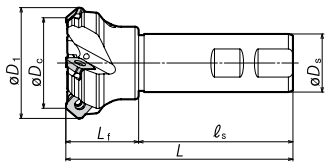


Fig 5



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

Cutter diameters 6.000" and above do not have coolant holes

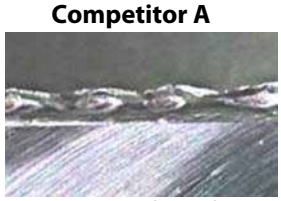
WGX - Standard Pitch- Inch													WGX Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	φD$_c$	φD$_1$	φD$_b$	L$_f$	φd	φd$_1$	a	b	ℓ	Teeth	Weight (lbs)	Fig.		
WGX42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	3	0.9	1	$264.00	90
WGX42500R	2.500	3.008	1.750	1.750	1.000	0.797	0.375	0.220	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	4.500	3.750	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
WGX - Fine Pitch - Inch														
WGXM42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	4	0.9	1	$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	4.500	3.750	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
WGX - Extra Fine Pitch - Inch														
WGXF42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	5	0.9	1	$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	4.500	3.750	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	0.625	0.380	1.060	16	10.5	3	***$731.00***	250
WGXF48000R	8.000	8.496	5.906	2.500	2.500	5.118	1.000	0.560	1.594	20	15.2	4	***$960.00***	310

WGX Endmill - Inch									WGX Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	φD$_c$	φD$_1$	φD$_s$	Lf	ℓs	L	Teeth	Fig.		
WGX42000EW	2.000	2.461	1.250	1.591	2.379	3.970	4	5	$277.00	90
WGX42500EW	2.500	3.008	1.250	1.591	2.379	3.970	5	5	$315.00	110

Excellent surface finish! Eliminate burrs!

Part Exit Comparison

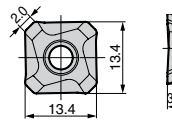
Competitor A



Competitor A leaves burrs

WGX

WGX leaves no burr

Inserts ● USA stocked item	P				K		M	S	N		Dimensions		
	ACP100	ACP200	ACP300	T4500A	ACK200	ACK300	ACM200	ACM300	DL1000	H1	I.C.	Thickness	Facet Width
SEMT13T3AGSR-L	●	●	●		●	●	●	●			.528	.156	.0787
SEMT13T3AGSR-G	●	●	●		●	●	●	●					
SEMT13T3AGSR-H	●	●	●		●	●	●	●					
SEMT13T3AGSR-FG	●	●	●		●	●	●	●					
SEET13T3AGSR-L	●	●	●	★	●	●	●	●					
SEET13T3AGSR-G	●	●	●	★	●	●	●	●					
SEET13T3AGFR-L									●	●			.320
XEEW13T3AGER-AWR		●		●		●							

Parts						
Applicable Cutters	Seat	Seat Screw	Insert Screw	Spanner (For Insert)	Recommended Tightening Torque Inch / LBs	Spanner (For Seat)
WGX cutters except for model below	WGCS13R	BW0507F	BFTX03512IP	TRDR15IP	25	LH035
WGX13032EW	—	—	BFTX03512IP	TRDR15IP	25	—

Offer valid through July 31, 2017

DGC 45° Face Mill

Double-sided inserts (SNMT & ONMT)

Features & Benefits

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

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	**φDc**	**φD1**	**φDb**	**Lf**	**φD**	**φd1**	**a**	**b**	**ℓ**	**Teeth**	**Fig.**	**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	$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	4	$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	2	$957.00	**180**
DGC410000R	10.000	10.567	7.480	2.756	2.500	6.299	1.000	0.531	1.575	10	2	$1,190.00	**240**
DGC - Fine Pitch - Inch													
DGCM42000R	2.000	2.567	1.500	1.750	0.750	0.609	0.312	0.190	0.750	4	1	$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	4	$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	2	***$1,154.00***	**220**
DGC - Extra Fine Pitch - Inch													
DGCF42000R	2.000	2.567	1.500	1.750	0.750	0.609	0.312	0.190	0.750	5	1	$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	4	$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	2	***$1,215.00***	**250**

Fig. 1

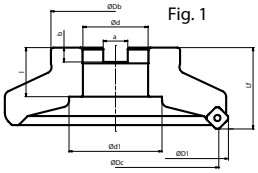


Fig. 2

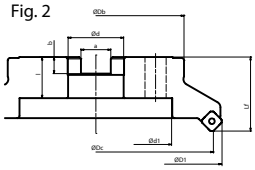


Fig. 3

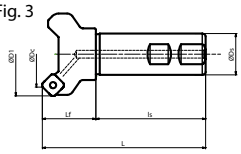
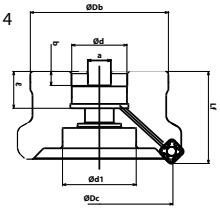


Fig. 4



DGC Endmill - Inch									
Catalog Number	**φDc**	**φD1**	**φDb**	**Lf**	**ℓs**	**L**	**Teeth**	**Fig.**	**DGC Kit Price***	**Buy Inserts Get Cutter FREE**
DGC42000EW	2.000	2.567	1.250	1.591	2.379	3.970	4	3	$351.00	**80**
DGC42500EW	2.000	2.567	1.250	1.591	2.379	3.970	5		$424.00	**100**

Milling Kit includes:
Milling Cutter and 10 Inserts

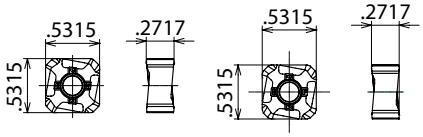
* Kit Prices italicized have 20 inserts

Inserts	P				K		M	S	H	
Catalog Number ● USA stocked item	**ACP100**	**ACP200**	**ACP300**	**T4500A**	**ACK200**	**ACK300**	**ACM200**	**ACM300**	**H1**	**DL1000**
SNMT13T6ANER-L	●	●	●		●	●				
SNMT13T6ANER-G	●	●	●	●	●	●				
SNMT13T6ANER-H	●	●	●		●	●				
SNMT13T6ANER-FL	●	●	●		●	●				
SNMT13T6ANER-FG	●	●	●		●	●				
SNET13T6ANER-L							●	●		
SNET13T6ANER-G							●	●		
SNET13T6ANER-FL							●	●		
SNET13T6ANER-FG							●	●		
SNET13T6ANFR-S									●	●
ONMT05T6ANER-L	●	●	●		●	●				
ONMT05T6ANER-G	●	●	●		●	●				
ONET05T6ANER-L							●	●		
ONET05T6ANER-G							●	●		
XNEU13T6ANEN-W		●		●		●				

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

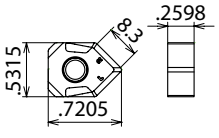
*Suggested Retail Price in USD
Kit Prices italicized have 20 inserts

SNMT

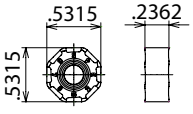


F,L,H FG,FL

XNET (wiper)



ONMT



Up to 8 corners : SNMT inserts!

Up to 16 corners: ONMT inserts!

Offer valid through July 31, 2017

MSX High Feed Mill
End/Shell Mills

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)

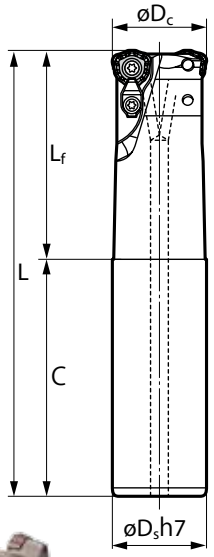
*Suggested Retail Price in USD

MSX Endmill - Inch

Catalog Number	øDc	øDs	L	Lf	ℓs	No. of Teeth	Insert Type	MSX Kit Price	Buy Inserts Get Cutter FREE
MSX20750EW	0.750	0.750	5.125	2.000	2.031	3	WDMT06	$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

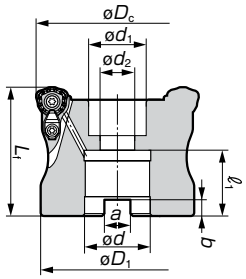
Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts

Up to 0.055 IPT feed rates!



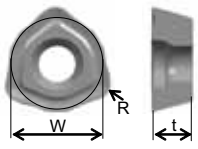
MSX Shell Mills - Inch

Catalog Number	Dimensions (in)									No. of Teeth	Insert	MSX Kit Price	Buy Inserts Get Cutter FREE
	øDc	øD1	Lf	ød	a	b	ℓ1	ød1	ød2				
MSX31500R	1.500	1.339	1.530	0.750	0.312	0.190	0.750	0.609	0.406	4	WDMT08	$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	WDMT12	$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		$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	WDMT14	$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		$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



Type	Inserts ● USA stocked item	P ACP200	P ACP300	K ACK200	K ACK300	M/S ACM200	M/S ACM300	Insert Dimensions (in) W	R	t	Max Depth of Cut (In.)
General Purpose	WDMT0603ZDTR	●	●	●	●	●	●	.250	.0591	.1181	.039
	WDMT0804ZDTR	●	●	●	●	●	●	.335	.0787	.1575	.059
	WDMT1205ZDTR	●	●	●	●	●	●	.472	.0787	.1969	.079
	WDMT1406ZDTR	●	●	●	●	●	●	.551	.0787	.2362	.098
Strong Edge	WDMT0603ZDTR-H	●	●	●	●	●	●	.250	.0591	.1181	.039
	WDMT0804ZDTR-H	●	●	●	●	●	●	.335	.0787	.1575	.059
	WDMT1205ZDTR-H	●	●	●	●	●	●	.472	.0787	.1969	.079
	WDMT1406ZDTR-H	●	●	●	●	●	●	.551	.0787	.2362	.098

General Purpose Edge	H : Strong Edge
General (First choice)	Interrupted Cutting
Sharper Edge	Emphasis on Fracture Resistance



Hardware

Screw	Wrench	Clamp	Ring	Clamp Screw	Applicable Cutter
BFTX02505IP	TRDR08IP	-	-	-	MSX20000
BFTX0305IP	TRDR08IP	CCH3.5	CR3	BFTX03510IP08	MSX30000 ≤1.0"
BFTX0306IP	TRDR08IP	CCH3.5	CR3	BFTX03510IP08	MSX30000 >1.0"
BFTX0409IP	TRDR15IP	CCH3.5	CR3	BFTX03510IP15	MSX40000
BFTX0511IP	TRDR20IP	CCH4.5	CR3	BFTX04513IP20	MSX50000

Offer valid through July 31, 2017

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 aggresive machining

Milling Kit includes:
Milling Cutter and 10 Inserts

* Kit Prices italicized have 20 inserts

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

RSX - Shell Mill - Inch

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

Fig. 2

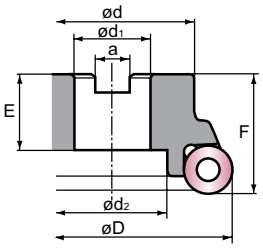
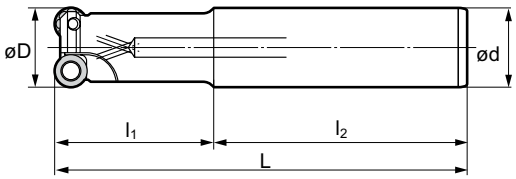


Fig. 1



RSX Endmill - Inch

	Catalog No.	φD	φd	L	l_1	l_2	Insert Type	# of Inserts	Shank Style	Fig.	RSX Kit Price*	Buy Inserts Get Cutter FREE
Standard	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		$245.00	40
	RSX31500EW	1.500	1.250	4.340	2.060	2.280	RDET10	3	Weldon		$270.00	40
	RSX41250EW	1.250	1.250	4.340	2.060	2.280	RDET12	2	Weldon		$235.00	40
	RSX41500EW	1.500	1.250	4.340	2.060	2.280	RDET12	3	Weldon		$280.00	50
Fine	RSXF31000EW	1.000	1.000	4.340	2.060	2.280	RDET10	3	Weldon		$255.00	40
	RSXF31000ELC	1.000	1.000	10.000	3.750	6.250	RDET10	3	Cylindrical		$265.00	50
	RSXF31250EW	1.250	1.250	4.340	2.060	2.280	RDET10	4	Weldon		$305.00	50
	RSXF31250ELC	1.250	1.250	10.000	3.750	6.250	RDET10	4	Cylindrical		$315.00	60
	RSXF31500EW	1.500	1.250	4.340	2.060	2.280	RDET10	4	Weldon		$330.00	60
	RSXF31500ELC	1.500	1.250	10.000	3.750	6.250	RDET10	4	Cylindrical		$340.00	70
	RSXF41250EW	1.250	1.250	4.340	2.060	2.280	RDET12	3	Weldon		$285.00	50
	RSXF41250ELC	1.250	1.250	10.000	3.750	6.250	RDET12	3	Cylindrical		$295.00	60
	RSXF41500EW	1.500	1.250	4.340	2.060	2.280	RDET12	4	Weldon		$340.00	70
	RSXF41500ELC	1.500	1.250	10.000	3.750	6.250	RDET12	4	Cylindrical		$350.00	80

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	●	●	●	●	●		

● USA stocked item

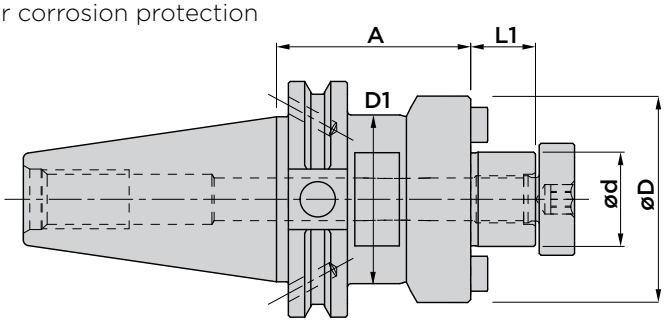
Offer valid through July 31, 2017

CAT40 | CAT50 | SHELL MILL HOLDERS

Offer valid through July 31, 2017

Special Promo Price on Shell Mill Holders!

- **CAT40 & CAT50**: through-spindle coolant shell mill holders
- All holders are dynamically balanced to G6.3 tolerance
- Black oxide surface treatment on all non-contact surfaces for corrosion protection



Shell Mill Holders								Balanced to G6.3 @ 8,000 RPM	
Catalog Number	**Dimensions**							**List Price**	**25% OFF**
	Pilot Diameter		**Projection Length**						
	ød (inch)	**ød (mm)**	**A (inch)**	**A (mm)**	**øD (mm)**	**L_1 (mm)**	**D_1 (mm)**		
CAT40									**Promo**
SSMH-0.750-1.38-CAT40	0.75	19.1	1.38	35.1	44.4	17.5	28.7	$80.88	**$60.66**
SSMH-1.000-1.75-CAT40	1.00	25.4	1.75	44.5	55.6	17.5	40.1	$84.93	**$63.70**
SSMH-1.250-2.12-CAT40	1.25	31.8	2.12	53.8	69.9	17.5	50.3	$93.82	**$70.37**
SSMH-1.500-2.41-CAT40	1.50	38.1	2.41	61.2	85.9	23.9	60.7	$103.53	**$77.65**
CAT50									**Promo**
SSMH-0.750-3.50-CAT50	0.75	19.1	3.50	88.9	44.4	17.5	28.7	$149.63	**$112.22**
SSMH-1.000-4.00-CAT50	1.00	25.4	4.00	101.6	55.6	17.5	40.1	$155.29	**$116.47**
SSMH-1.250-3.50-CAT50	1.25	31.8	3.50	88.9	69.9	17.5	50.3	$179.56	**$134.67**
SSMH-1.500-2.40-CAT50	1.50	38.1	2.40	61.0	85.9	23.9	60.7	$155.29	**$116.47**

TSX

DFC

WGX

MSX

RSX

DGC

WFX

WEX

SUMITOMO

CARBIDE - CBN - DIAMOND

Sumitomo Electric Carbide, Inc.

Sumitomo Electric Carbide, Inc. Headquarters

1001 Business Center Drive
Mount Prospect, IL 60056-2181
P.O. Box 545, Mt. Prospect, IL 60056-0545
Phone: (800) 950-5202
Phone: (847) 635-0044
Fax: (847) 635-7866
http://www.sumicarbide.com

Sumitomo Electric Tool Engineering Center

5637 S. Westridge Drive
New Berlin, WI 53151
Phone: (800) 950-5202

Indiana Branch

595 S. Emerson Avenue
Suite 100
Greenwood, IN 46143
Phone: (317) 859-1601

Torrance Branch

21241 South Western Avenue
Suite 120
Torrance, CA 90501
Phone: (800) 950-5202
Fax: (310) 782-0211

Sumitomo Carbide Canada, Inc.

150 Research Lane
Unit #210
Guelph, Ontario N1G 4T2
Canada
Phone: (519) 265-6050
Phone: (844) 211-6050

Detroit Branch

14496 Sheldon Road #230
Plymouth, MI 48170
Phone: (800) 239-5177
Phone: (734) 451-0200
Fax: (734) 451-5338

Huntsville Branch

6700 Odyssey Drive
Suite 211
Huntsville, AL 35806
Phone: (256) 971-1203
Fax: (256) 971-1205