Summer 2017 Promotion

SUMITOMO
CARBIDE - CBN - DIAMOND

Promo valid through July 31, 2017

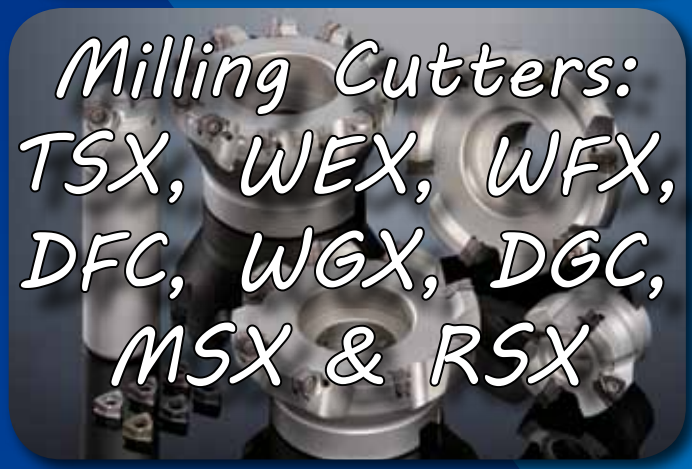
Let Sumitomo help you meet your productivity goals!

GND Promo Details

2 Ways to Save

1. **GND Kit Pricing:**
   Includes Holder and 5 Inserts
   Polygon Shank GND Kit Pricing:
   Includes Holder, Cassette & 5 Inserts

2. **Buy Inserts, Get Holder FREE!**



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**
   (see page 18 for details)

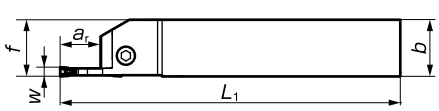
WDX Promo Details

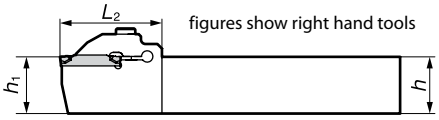
1. **Kit Price:** Includes Drill & 10 Inserts

SUMITOMO ELECTRIC GROUP

GNDM - External Multi-Purpose (Grooving / Turning / Profiling)

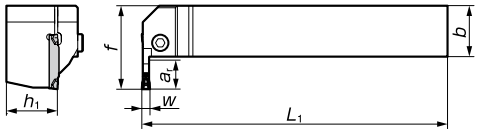
Fig. 1

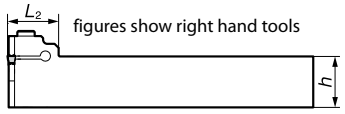




GNDMS - External 90° (Side Cut) Multi-Purpose (Grooving / Turning / Profiling)

Fig. 2

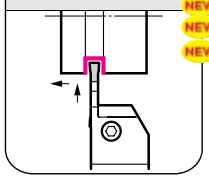




Grooving | Turning | Profiling

GNDM

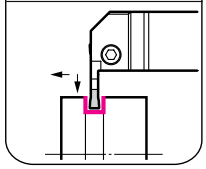
External Grooving



Use for multi-purpose or profiling insert for turning (widening).

GNDMS

External Grooving

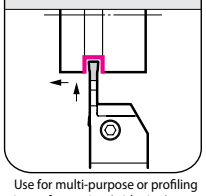


Use for multi-purpose or profiling insert for turning (widening).

INCH Catalog Number	Dimensions (in) h	b	L_1	f	h_1	L_2	Groove Width W (inch)	Max.Groove Depth a_r (inch)	Insert Seat Size	Fig.	Cap Screw	Wrench	Kit Price	Buy Inserts Get Holder FREE
NEW GNDM R/L101.5JX-038	.625	.625	4.75	.625	-	1.102	.0625	.375	1.5	1			$150.67	
NEW GNDM R/L102JX-047	.625	.625	4.75	.625	-	1.181	.094	.472	2	1	BX0515		$150.67	
NEW GNDM R/L103JX-047	.625	.625	4.75	.625	-	1.181	.125	.472	3	1			$153.33	
GNDM L/R 122K-050	.750	.750	5.000	.750	.750	1.441	.094	.500	2	1			$150.67	
GNDM L/R 123K-050	.750	.750	5.000	.750	.750	1.441	.125	.500	3	1			$153.33	
GNDM L/R 124K-070	.750	.750	5.000	.750	.750	1.772	.157	.700	4	1			$156.00	
GNDM L/R 125K-070	.750	.750	5.000	.750	.750	1.772	.1875	.700	5	1		LH040	$158.67	20
GNDM L/R 126K-070	.750	.750	5.000	.750	.750	1.772	.250	.700	6	1	BX0520		$161.33	
GNDM L/R 162K-050	1.000	1.000	6.000	1.000	1.000	1.441	.094	.500	2	1			$161.33	
GNDM L/R 163M-050	1.000	1.000	6.000	1.000	1.000	1.441	.125	.500	3	1			$164.00	
GNDM L/R 164M-070	1.000	1.000	6.000	1.000	1.000	1.772	.157	.700	4	1			$166.67	
GNDM L/R 165M-070	1.000	1.000	6.000	1.000	1.000	1.772	.1875	.700	5	1			$169.33	
GNDM L/R 166M-070	1.000	1.000	6.000	1.000	1.000	1.772	.250	.700	6	1			$172.00	
GNDM L/R 203P-050	1.250	1.250	6.750	1.250	1.250	1.441	.125	.500	3	1			$216.00	
GNDM L/R 204P-070	1.250	1.250	6.750	1.250	1.250	1.772	.157	.700	4	1			$218.67	
GNDM L/R 205P-070	1.250	1.250	6.750	1.250	1.250	1.772	.1875	.700	5	1	BX0620	LH050	$221.33	20
GNDM L/R 206P-070	1.250	1.250	6.750	1.250	1.250	1.772	.250	.700	6	1			$224.00	
GNDM L/R 207P-070	1.250	1.250	6.750	1.250	1.250	2.000	.275	.700	7	1			$226.67	
GNDM L/R 208P-070	1.250	1.250	6.750	1.250	1.250	2.000	.315	.700	8	1			$234.67	
GNDMS L/R 123K-040	.750	.750	5.000	1.222	.750	1.000	.125	.4000	3	2			$173.33	
GNDMS L/R 124K-050	.750	.750	5.000	1.300	.750	1.000	.157	.5000	4	2			$176.00	
GNDMS L/R 125K-050	.750	.750	5.000	1.300	.750	1.000	.1875	.5000	5	2			$178.67	
GNDMS L/R 163M-050	1.000	1.000	6.000	1.551	1.000	1.000	.125	.5000	3	2	BX0520	LH040	$176.00	20
GNDMS L/R 164M-055	1.000	1.000	6.000	1.630	1.000	1.000	.157	.5500	4	2			$178.67	
GNDMS L/R 165M-055	1.000	1.000	6.000	1.630	1.000	1.000	.1875	.5500	5	2			$181.33	
GNDMS L/R 166M-055	1.000	1.000	6.000	1.630	1.000	1.000	.250	.5500	6	2			$184.00	

GNDM

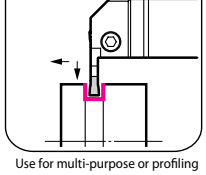
External Grooving



Use for multi-purpose or profiling insert for turning (widening).

GNDMS

External Grooving



Use for multi-purpose or profiling insert for turning (widening).

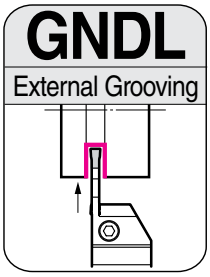
METRIC Catalog Number	Dimensions (mm) h	b	L_1	f	h_1	L_2	Groove Width w (mm)	Max. Groove Depth a_r (mm)	Insert Seat Size	Fig.	Cap Screw	Wrench	Kit Price	Buy Inserts Get Holder FREE
NEW GNDM R/L1616JX-1.2508	16	16	120	16	16	26.0	1.25	8	1.25	1			$150.67	
GNDM R/L1616JX-1.510	16	16	120	16	16	26.0	1.5	10	1.5	1	BX0515		$150.67	
GNDM R/L1616JX-212	16	16	120	16	16	30.0	2.0	12	2	1			$150.67	
GNDM R/L1616JX-312	16	16	120	16	16	30.0	3.0	12	3	1			$153.33	
GNDM R/L2020K-312	20	20	125	20	20	36.6	3.0	12	3	1			$153.33	
GNDM R/L2020K-418	20	20	125	20	20	45.0	4.0	18	4	1			$156.00	
GNDM R/L2020K-518	20	20	125	20	20	45.0	5.0	18	5	1		LH040	$158.67	20
GNDM R/L2020K-618	20	20	125	20	20	45.0	6.0	18	6	1	BX0520		$161.33	
GNDM R/L2525M-312	25	25	150	25	25	36.6	3.0	12	3	1			$164.00	
GNDM R/L2525M-418	25	25	150	25	25	45.0	4.0	18	4	1			$166.67	
GNDM R/L2525M-518	25	25	150	25	25	45.0	5.0	18	5	1			$169.33	
GNDM R/L2525M-618	25	25	150	25	25	45.0	6.0	18	6	1			$172.00	
GNDM R/L3232P-312	32	32	170	32	32	36.6	3.0	12	3	1			$216.00	
GNDM R/L3232P-418	32	32	170	32	32	45	4.0	18	4	1			$218.67	
GNDM R/L3232P-518	32	32	170	32	32	45	5.0	18	5	1	BX0620	LH050	$221.33	20
GNDM R/L3232P-618	32	32	170	32	32	45	6.0	18	6	1			$224.00	
GNDM R/L3232P-718	32	32	170	32	32	50	7.0	18	7	1			$226.67	
GNDM R/L3232P-818	32	32	170	32	32	50	8.0	18	8	1			$234.67	
GNDMS R/L 2020K-310	20	20	125	32	20	25	3.0	10	3	2			$153.33	
GNDMS R/L 2020K-412	20	20	125	34	20	25	4.0	12	4	2			$156.00	
GNDMS R/L 2020K-512	20	20	125	34	20	25	5.0	12	5	2			$158.67	
GNDMS R/L 2525M-312	25	25	150	39	25	25	3.0	12	3	2	BX0520	LH040	$164.00	20
GNDMS R/L 2525M-414	25	25	150	41	25	25	4.0	14	4	2			$166.67	
GNDMS R/L 2525M-514	25	25	150	41	25	25	5.0	14	5	2			$169.33	
GNDMS R/L 2525M-614	25	25	150	41	25	25	6.0	14	6	2			$172.00	

See 17-18 General Catalog for hardware

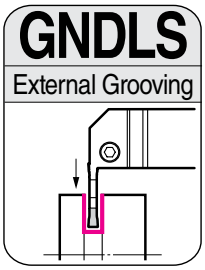
Please see page 8 for applicable inserts

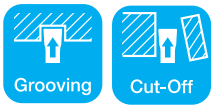
Offer valid through July 31, 2017

GNDL
External Deep Grooving / Cut-Off



GNDLS
External 90° (Side Cut) Grooving





INCH Catalog Number	Dimensions (in)								Groove Width	Max. Groove depth	Insert Seat Size	Fig.	Kit Price	Buy Inserts Get Holder FREE
	h	b	L_1	f	h_1	h_2	L_2	L_3	W (inch)	a_r (inch)				
NEW GNDL R/L061.25JX-038	.375	.375	4.75	.375	.375	.079	.709	.720	.0493	.375	1.25	3	$150.67	
NEW GNDL R/L061.5JX-038	.375	.375	4.75	.375	.375	.079	.709	.720	.0591	.375	1.5	3	$150.67	
NEW GNDL R/L062JX-038	.375	.375	4.75	.375	.375	.079	.866	.878	.094	.375	2	3	$150.67	
NEW GNDL R/L063JX-038	.375	.375	4.75	.375	.375	.079	.866	.878	.125	.375	3	3	$153.33	
NEW GNDL R/L081.25JX-047	.500	.500	4.75	.500	.500	.079	.748	.760	.0493	.472	1.25	3	$150.67	
NEW GNDL R/L081.5JX-047	.500	.500	4.75	.500	.500	.079	.748	.760	.0591	.472	1.5	3	$150.67	20
NEW GNDL R/L082JX-050	.500	.500	4.75	.500	.500	.079	.866	.878	.094	.500	2	3	$150.67	
NEW GNDL R/L083JX-050	.500	.500	4.75	.500	.500	.079	.866	.878	.125	.500	3	3	$153.33	
NEW GNDL R/L101.5JX-050	.625	.625	4.75	.625	.625	-	1.102	-	.0591	.500	1.5	4	$150.67	
NEW GNDL R/L102JX-063	.625	.625	4.75	.625	.625	-	1.26	-	.094	.625	2	4	$150.67	
NEW GNDL R/L103JX-063	.625	.625	4.75	.625	.625	-	1.26	-	.125	.625	3	4	$153.33	
GNDL L/R 122K-075	.750	.750	5.00	.750	.750	-	1.752	-	.094	.750	2	1	$150.67	
GNDL L/R 123K-075	.750	.750	5.00	.750	.750	-	1.752	-	.125	.750	3	1	$153.33	
GNDL L/R 124K-100	.750	.750	5.00	.750	.750	-	1.969	-	.157	1.000	4	1	$156.00	
GNDL L/R 125K-100	.750	.750	5.00	.750	.750	-	1.969	-	.1875	1.000	5	1	$158.67	
GNDL L/R 126K-100	.750	.750	5.00	.750	.750	-	1.969	-	.250	1.000	6	1	$161.33	20
GNDL L/R 162M-075	1.00	1.00	6.00	1.00	1.00	-	1.752	-	.094	.750	2	1	$161.33	
GNDL L/R 163M-075	1.00	1.00	6.00	1.00	1.00	-	1.752	-	.125	.750	3	1	$164.00	
GNDL L/R 164M-100	1.00	1.00	6.00	1.00	1.00	-	1.969	-	.157	1.000	4	1	$166.67	
GNDL L/R 165M-100	1.00	1.00	6.00	1.00	1.00	-	1.969	-	.187	1.000	5	1	$169.33	
GNDL L/R 166M-100	1.00	1.00	6.00	1.00	1.00	-	1.969	-	.250	1.000	6	1	$172.00	
GNDL L/R 203P-090	1.25	1.25	6.75	1.25	1.25	-	1.752	-	.125	0.900	3	1	$216.00	
GNDL L/R 204P-100	1.25	1.25	6.75	1.25	1.25	-	2.00	-	.157	1.000	4	1	$218.67	
GNDL L/R 205P-100	1.25	1.25	6.75	1.25	1.25	-	2.00	-	.1875	1.000	5	1	$221.33	20
GNDL L/R 206P-100	1.25	1.25	6.75	1.25	1.25	-	2.00	-	.250	1.000	6	1	$224.00	
GNDL L/R 207P-100	1.25	1.25	6.75	1.25	1.25	-	2.00	-	.275	1.000	7	1	$226.67	
GNDL L/R 208P-100	1.25	1.25	6.75	1.25	1.25	-	2.00	-	.315	1.000	8	1	$234.67	
GNDLS L/R 122K-060	.750	.750	5.00	1.459	.750	-	1.00	-	.094	.600	2	2	$173.33	
GNDLS L/R 123K-060	.750	.750	5.00	1.459	.750	-	1.00	-	.125	.600	3	2	$176.00	
GNDLS L/R 124K-070	.750	.750	6.00	1.787	.750	-	1.00	-	.157	.700	4	2	$178.67	
GNDLS L/R 162M-070	1.00	1.00	6.00	1.787	1.00	-	1.00	-	.094	.700	2	2	$173.33	20
GNDLS L/R 163M-070	1.00	1.00	6.00	1.787	1.00	-	1.00	-	.125	.700	3	2	$176.00	
GNDLS L/R 164M-090	1.00	1.00	6.00	1.984	1.00	-	1.00	-	.157	.900	4	2	$178.67	
GNDLS L/R 165M-090	1.00	1.00	6.00	1.984	1.00	-	1.00	-	.1875	.900	5	2	$181.33	
GNDLS L/R 166M-090	1.00	1.00	6.00	1.984	1.00	-	1.00	-	.250	.900	6	2	$184.00	

figures show right hand tools

Fig. 1

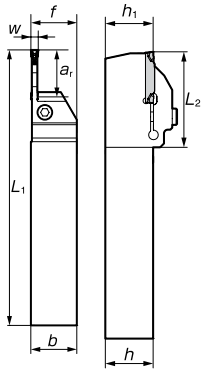


Fig. 2

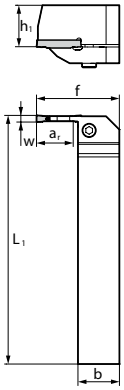


Fig. 3

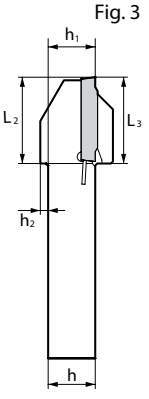
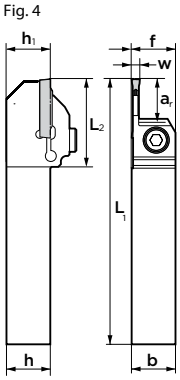


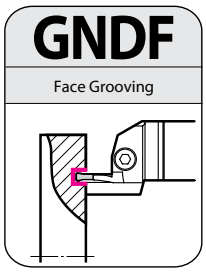
Fig. 4

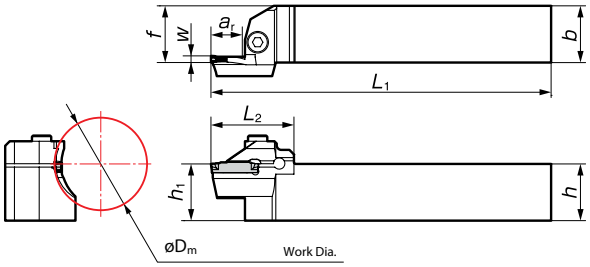


METRIC Catalog Number	Dimensions (mm)								Groove Width w(mm)	Max. Groove Depth a_r (mm)	Insert Seat Size	Fig.	Kit Price	Buy Inserts Get Holder FREE
	h	b	L_1	f	h_1	h_2	L_2	L_3						
GNDL R/L1010JX-1.2510	10	10	120	10	10	2.0	18	18.3	1.25	10	1.25	3	$150.67	
GNDL R/L1010JX-1.510	10	10	120	10	10	2.0	18	18.3	1.50	10	1.50	3	$150.67	
GNDL R/L1010JX-210	10	10	120	10	10	2.0	22.0	22.3	2.0	10	2	3	$150.67	
GNDL R/L1010JX-310	10	10	120	10	10	2.0	22.0	22.3	3.0	10	3	3	$153.33	
GNDL R/L1212JX-1.2512	12	12	120	12	12	2.0	19	19.3	1.25	12.0	1.25	3	$150.67	
GNDL R/L1212JX-1.512	12	12	120	12	12	2.0	19	19.3	1.50	12.0	1.5	3	$150.67	20
GNDL R/L1212JX-212.5	12	12	120	12	12	2.0	22.0	22.3	2.0	12.5	2	3	$150.67	
GNDL R/L1212JX-312.5	12	12	120	12	12	2.0	22.0	22.3	3.0	12.5	3	3	$153.33	
GNDL R/L1616JX-1.2512	16	16	120	16	16	-	28.0	-	1.25	12.5	1.25	4	$150.67	
GNDL R/L1616JX-1.512.5	16	16	120	16	16	-	28.0	-	1.50	12.5	1.50	4	$150.67	
GNDL R/L1616JX-216	16	16	120	16	16	-	32.0	-	2.0	16	2	4	$150.67	
GNDL R/L1616JX-316	16	16	120	16	16	-	32.0	-	3.0	16	3	4	$153.33	
GNDL R/L2020K-220	20	20	125	20	20	-	44.5	-	2.0	20	2	3	$150.67	
GNDL R/L2020K-320	20	20	125	20	20	-	44.5	-	3.0	20(18)	3	3	$153.33	
GNDL R/L2020K-425	20	20	125	20	20	-	50.0	-	4.0	25(23)	4	3	$156.00	
GNDL R/L2020K-525	20	20	125	20	20	-	50.0	-	5.0	25(23)	5	3	$158.67	
GNDL R/L2020K-625	20	20	125	20	20	-	50.0	-	6.0	25(23)	6	3	$161.33	20
GNDL R/L2525M-220	25	25	150	25	25	-	44.5	-	2.0	20	2	3	$161.33	
GNDL R/L2525M-320	25	25	150	25	25	-	44.5	-	3.0	20(18)	3	3	$164.00	
GNDL R/L2525M-425	25	25	150	25	25	-	50.0	-	4.0	25(23)	4	3	$166.67	
GNDL R/L2525M-525	25	25	150	25	25	-	50.0	-	5.0	25(23)	5	3	$169.33	
GNDL R/L2525M-625	25	25	150	25	25	-	50.0	-	6.0	25(23)	6	3	$172.00	
GNDL R/L3232P-320	32	32	170	32	32	-	44.5	-	3.0	20	3	3	$216.00	
GNDL R/L3232P-425	32	32	170	32	32	-	50	-	4.0	25	4	3	$218.67	
GNDL R/L3232P-525	32	32	170	32	32	-	50	-	5.0	25	5	3	$221.33	20
GNDL R/L3232P-625	32	32	170	32	32	-	50	-	6.0	25	6	3	$224.00	
GNDL R/L3232P-725	32	32	170	32	32	-	50	-	7.0	25	7	3	$226.67	
GNDL R/L3232P-825	32	32	170	32	32	-	50	-	8.0	25	8	3	$234.67	
GNDLS R/L2020K-216	20	20	125	38	20	-	25	-	2.0	16	2	2	$150.67	
GNDLS R/L2020K-316	20	20	125	38	20	-	25	-	3.0	16	3	2	$153.33	
GNDLS R/L2525M-218	25	25	150	45	25	-	25	-	2.0	18	2	2	$161.33	
GNDLS R/L2525M-318	25	25	150	45	25	-	25	-	3.0	18	3	2	$164.00	20
GNDLS R/L2525M-423	25	25	150	50	25	-	25	-	4.0	23	4	2	$166.67	
GNDLS R/L2525M-523	25	25	150	50	25	-	25	-	5.0	23	5	2	$169.33	
GNDLS R/L2525M-623	25	25	150	50	25	-	25	-	6.0	23	6	2	$172.00	

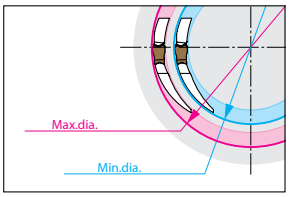
Select holders and inserts with the same grooving widths (*w*). Dimensions in parentheses under maximum grooving depth are for applications that use copying inserts (RG Type Breakers). See 17-18 General Catalog for hardware

Face Grooving - INCH





Above figures show right hand tools



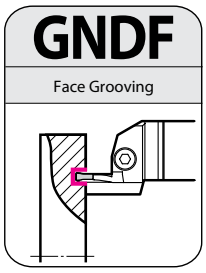
Work diameters in the table below indicate external diameter of face groove.

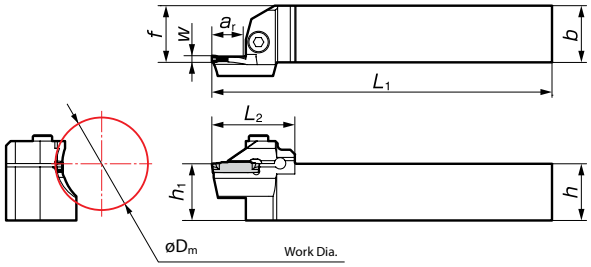
INCH Catalog Number	Dimensions (in)						Work Dia. ΦDm		Grooving width	Max. Grooving Depth a_r (inch)	Insert Seat Size	Cap Screw	Wrench	Kit Price	Buy Inserts Get Holder FREE
	h	b	L_1	f	h_1	L_2	Min.	Max.							
GNDF L/R 123K-050-035	.750	.750	5.000	.750	.750	1.402	1.378	1.772	.125	.500	3	BX0520	LH040	$153.33	20
GNDF L/R 123K-050-040	.750	.750	5.000	.750	.750	1.402	1.575	2.165	.125	.500	3				
GNDF L/R 123K-070-050	.750	.750	5.000	.750	.750	1.638	1.969	2.756	.125	.700	3				
GNDF L/R 123K-070-065	.750	.750	5.000	.750	.750	1.638	2.559	3.397	.125	.700	3				
GNDF L/R 123K-070-090	.750	.750	5.000	.750	.750	1.638	3.543	5.906	.125	.700	3				
GNDF L/R 123K-070-140	.750	.750	5.000	.750	.750	1.638	5.512	7.874	.125	.700	3				
GNDF L/R 123K-070-180	.750	.750	5.000	.750	.750	1.638	7.087	11.811	.125	.700	3				
GNDF L/R 124K-070-040	.750	.750	5.000	.750	.750	1.638	1.575	2.165	.157	.700	4	BX0520	LH040	$156.00	20
GNDF L/R 124K-090-050	.750	.750	5.000	.750	.750	1.835	1.969	2.756	.157	.900	4				
GNDF L/R 124K-090-065	.750	.750	5.000	.750	.750	1.835	2.559	3.543	.157	.900	4				
GNDF L/R 124K-090-085	.750	.750	5.000	.750	.750	1.835	3.346	5.118	.157	.900	4				
GNDF L/R 124K-090-125	.750	.750	5.000	.750	.750	1.835	4.921	7.874	.157	.900	4				
GNDF L/R 124K-090-180	.750	.750	5.000	.750	.750	1.835	7.087	11.811	.157	.900	4				
GNDF L/R 124K-090-280	.750	.750	5.000	.750	.750	1.835	11.024	39.370	.157	.900	4				
GNDF L/R 125K-090-050	.750	.750	5.000	.750	.750	1.835	1.969	2.756	.1875	.900	5	BX0520	LH040	$158.67	20
GNDF L/R 125K-090-065	.750	.750	5.000	.750	.750	1.835	2.559	3.543	.1875	.900	5				
GNDF L/R 125K-090-085	.750	.750	5.000	.750	.750	1.835	3.346	5.118	.1875	.900	5				
GNDF L/R 125K-090-125	.750	.750	5.000	.750	.750	1.835	4.921	7.874	.1875	.900	5				
GNDF L/R 125K-090-180	.750	.750	5.000	.750	.750	1.835	7.087	11.811	.1875	.900	5				
GNDF L/R 125K-090-280	.750	.750	5.000	.750	.750	1.835	11.024	39.370	.1875	.900	5				
GNDF L/R 126K-090-050	.750	.750	5.000	.750	.750	1.835	1.969	2.953	.250	.900	6	BX0520	LH040	$161.33	20
GNDF L/R 126K-090-070	.750	.750	5.000	.750	.750	1.835	2.756	4.331	.250	.900	6				
GNDF L/R 126K-090-100	.750	.750	5.000	.750	.750	1.835	3.397	7.874	.250	.900	6				
GNDF L/R 126K-090-180	.750	.750	5.000	.750	.750	1.835	7.087	11.811	.250	.900	6				
GNDF L/R 126K-090-280	.750	.750	5.000	.750	.750	1.835	11.024	39.370	.250	.900	6				
GNDF L/R 163M-050-035	1.000	1.000	6.000	1.000	1.000	1.402	1.378	1.772	.125	.500	3	BX0520	LH040	$164.00	20
GNDF L/R 163M-050-040	1.000	1.000	6.000	1.000	1.000	1.402	1.575	2.165	.125	.500	3				
GNDF L/R 163M-070-050	1.000	1.000	6.000	1.000	1.000	1.638	1.969	2.756	.125	.700	3				
GNDF L/R 163M-070-065	1.000	1.000	6.000	1.000	1.000	1.638	2.559	3.397	.125	.700	3				
GNDF L/R 163M-070-090	1.000	1.000	6.000	1.000	1.000	1.638	3.543	5.906	.125	.700	3				
GNDF L/R 163M-070-140	1.000	1.000	6.000	1.000	1.000	1.638	5.512	7.874	.125	.700	3				
GNDF L/R 163M-070-180	1.000	1.000	6.000	1.000	1.000	1.638	7.087	11.811	.125	.700	3				
GNDF L/R 164M-070-040	1.000	1.000	5.000	.750	.750	1.638	1.575	2.165	.157	.700	4	BX0520	LH040	$166.67	20
GNDF L/R 164M-090-050	1.000	1.000	5.000	.750	.750	1.835	1.969	2.756	.157	.900	4				
GNDF L/R 164M-090-065	1.000	1.000	5.000	.750	.750	1.835	2.559	3.543	.157	.900	4				
GNDF L/R 164M-090-085	1.000	1.000	5.000	.750	.750	1.835	3.346	5.118	.157	.900	4				
GNDF L/R 164M-090-125	1.000	1.000	5.000	.750	.750	1.835	4.921	7.874	.157	.900	4				
GNDF L/R 164M-090-180	1.000	1.000	5.000	.750	.750	1.835	7.087	11.811	.157	.900	4				
GNDF L/R 164M-090-280	1.000	1.000	5.000	.750	.750	1.835	11.024	39.370	.157	.900	4				
GNDF L/R 165M-090-050	1.000	1.000	6.000	1.000	1.000	1.835	1.969	2.756	.1875	.900	5	BX0520	LH040	$169.33	20
GNDF L/R 165M-090-065	1.000	1.000	6.000	1.000	1.000	1.835	2.559	3.543	.1875	.900	5				
GNDF L/R 165M-090-085	1.000	1.000	6.000	1.000	1.000	1.835	3.346	5.118	.1875	.900	5				
GNDF L/R 165M-090-125	1.000	1.000	6.000	1.000	1.000	1.835	4.921	7.874	.1875	.900	5				
GNDF L/R 165M-090-180	1.000	1.000	6.000	1.000	1.000	1.835	7.087	11.811	.1875	.900	5				
GNDF L/R 165M-090-280	1.000	1.000	6.000	1.000	1.000	1.835	11.024	39.370	.1875	.900	5				
GNDF L/R 166M-090-050	1.000	1.000	6.000	1.000	1.000	1.835	1.969	2.953	.250	.900	6	BX0520	LH040	$172.00	20
GNDF L/R 166M-090-070	1.000	1.000	6.000	1.000	1.000	1.835	2.756	4.331	.250	.900	6				
GNDF L/R 166M-090-100	1.000	1.000	6.000	1.000	1.000	1.835	3.937	7.874	.250	.900	6				
GNDF L/R 166M-090-180	1.000	1.000	6.000	1.000	1.000	1.835	7.087	11.811	.250	.900	6				
GNDF L/R 166M-090-280	1.000	1.000	6.000	1.000	1.000	1.835	11.024	39.370	.250	.900	6				

Please see page 8 for applicable inserts

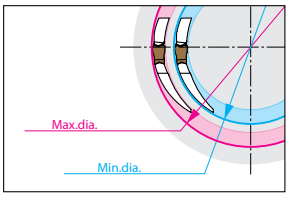
Offer valid through July 31, 2017

Face Grooving - METRIC





Above figures show right hand tools



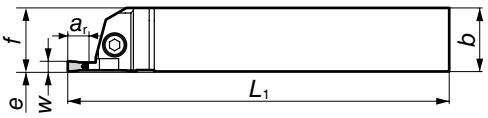
Work diameters in the table below indicate external diameter of face groove.

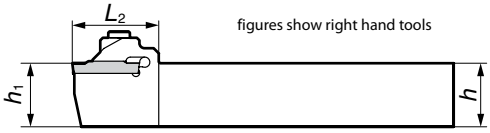
METRIC Catalog Number	Dimensions (mm)						Work Dia. (mm)	Groove Width	Max. Groove Depth a_r (mm)	Insert Seat Size	Cap Screw	Wrench	Kit Price	Buy Inserts Get Holder FREE
	h	b	L_1	f	h_1	L_2	ØD$_m$	w(mm)						
GNDF R/L2020K-312-035	20	20	125	20	20	35.6	35 to 45	3.0	12					
GNDF R/L2020K-312-040	20	20	125	20	20	35.6	40 to 55	3.0	12					
GNDF R/L2020K-318-050	20	20	125	20	20	41.6	50 to 70	3.0	18					
GNDF R/L2020K-318-065	20	20	125	20	20	41.6	65 to 100	3.0	18	3	BX0520	LH040	$153.33	20
GNDF R/L2020K-318-090	20	20	125	20	20	41.6	90 to 150	3.0	18					
GNDF R/L2020K-318-140	20	20	125	20	20	41.6	140 to 200	3.0	18					
GNDF R/L2020K-318-180	20	20	125	20	20	41.6	180 to 300	3.0	18					
GNDF R/L2020K-418-040	20	20	125	20	20	41.6	40 to 55	4.0	18					
GNDF R/L2020K-423-050	20	20	125	20	20	46.6	50 to 70	4.0	23					
GNDF R/L2020K-423-065	20	20	125	20	20	46.6	65 to 90	4.0	23					
GNDF R/L2020K-423-085	20	20	125	20	20	46.6	85 to 130	4.0	23	4	BX0520	LH040	$156.00	20
GNDF R/L2020K-423-125	20	20	125	20	20	46.6	125 to 200	4.0	23					
GNDF R/L2020K-423-180	20	20	125	20	20	46.6	180 to 300	4.0	23					
GNDF R/L2020K-423-280	20	20	125	20	20	46.6	280 to 1000	4.0	23					
GNDF R/L2020K-523-050	20	20	125	20	20	46.6	50 to 70	5.0	23					
GNDF R/L2020K-523-065	20	20	125	20	20	46.6	65 to 90	5.0	23					
GNDF R/L2020K-523-085	20	20	125	20	20	46.6	85 to 130	5.0	23					
GNDF R/L2020K-523-125	20	20	125	20	20	46.6	125 to 200	5.0	23	5	BX0520	LH040	$158.67	20
GNDF R/L2020K-523-180	20	20	125	20	20	46.6	180 to 300	5.0	23					
GNDF R/L2020K-523-280	20	20	125	20	20	46.6	280 to 1000	5.0	23					
GNDF R/L2020K-623-050	20	20	125	20	20	46.6	50 to 75	6.0	23					
GNDF R/L2020K-623-070	20	20	125	20	20	46.6	70 to 110	6.0	23					
GNDF R/L2020K-623-100	20	20	125	20	20	46.6	100 to 200	6.0	23	6	BX0520	LH040	$161.33	20
GNDF R/L2020K-623-180	20	20	125	20	20	46.6	180 to 300	6.0	23					
GNDF R/L2020K-623-280	20	20	125	20	20	46.6	280 to 1000	6.0	23					
GNDF R/L2525M-312-035	25	25	150	25	25	35.6	35 to 45	3.0	12					
GNDF R/L2525M-312-040	25	25	150	25	25	35.6	40 to 55	3.0	12					
GNDF R/L2525M-318-050	25	25	150	25	25	41.6	50 to 70	3.0	18					
GNDF R/L2525M-318-065	25	25	150	25	25	41.6	65 to 100	3.0	18	3	BX0520	LH040	$164.00	20
GNDF R/L2525M-318-090	25	25	150	25	25	41.6	90 to 150	3.0	18					
GNDF R/L2525M-318-140	25	25	150	25	25	41.6	140 to 200	3.0	18					
GNDF R/L2525M-318-180	25	25	150	25	25	41.6	180 to 300	3.0	18					
GNDF R/L2525M-418-040	25	25	150	25	25	41.6	40 to 55	4.0	18					
GNDF R/L2525M-423-050	25	25	150	25	25	46.6	50 to 70	4.0	23					
GNDF R/L2525M-423-065	25	25	150	25	25	46.6	65 to 90	4.0	23					
GNDF R/L2525M-423-085	25	25	150	25	25	46.6	85 to 130	4.0	23	4	BX0520	LH040	$166.67	20
GNDF R/L2525M-423-125	25	25	150	25	25	46.6	125 to 200	4.0	23					
GNDF R/L2525M-423-180	25	25	150	25	25	46.6	180 to 300	4.0	23					
GNDF R/L2525M-423-280	25	25	150	25	25	46.6	280 to 1000	4.0	23					
GNDF R/L2525M-523-050	25	25	150	25	25	46.6	50 to 70	5.0	23					
GNDF R/L2525M-523-065	25	25	150	25	25	46.6	65 to 90	5.0	23					
GNDF R/L2525M-523-085	25	25	150	25	25	46.6	85 to 130	5.0	23					
GNDF R/L2525M-523-125	25	25	150	25	25	46.6	125 to 200	5.0	23	5	BX0520	LH040	$169.33	20
GNDF R/L2525M-523-180	25	25	150	25	25	46.6	180 to 300	5.0	23					
GNDF R/L2525M-523-280	25	25	150	25	25	46.6	280 to 1000	5.0	23					
GNDF R/L2525M-623-050	25	25	150	25	25	46.6	50 to 75	6.0	23					
GNDF R/L2525M-623-070	25	25	150	25	25	46.6	70 to 110	6.0	23					
GNDF R/L2525M-623-100	25	25	150	25	25	46.6	100 to 200	6.0	23	6	BX0520	LH040	$172.00	20
GNDF R/L2525M-623-180	25	25	150	25	25	46.6	180 to 300	6.0	23					
GNDF R/L2525M-623-280	25	25	150	25	25	46.6	280 to 1000	6.0	23					

Select holders and inserts with the same grooving widths (*w*).

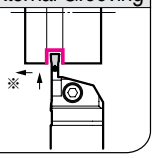
Please see page 8 for applicable inserts

External Multi-purpose Shallow Grooves Type (Grooving, Turning, and Copying)





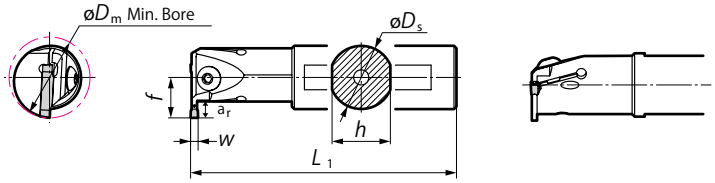
GNDS
External Grooving



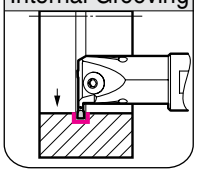
METRIC Catalog Number	Dimensions (mm)						Groove Width	Max. Groove Depth a_r (mm)	Insert Seat Size	Cap Screw	Wrench	Kit Price	Buy Inserts Get Holder FREE
	h	b	L_1	f	h_1	L_2	w(mm)						
GNDS R/L2020K-206	20	20	125	20	20	30.0	2.0	6	2	BX0520	LH040	$150.67	20
GNDS R/L2020K-306	20	20	125	20	20	30.0	3.0	6	3			$153.33	
GNDS R/L2020K-410	20	20	125	20	20	34.0	4.0	10	4			$156.00	
GNDS R/L2020K-510	20	20	125	20	20	34.0	5.0	10	5			$158.67	
GNDS R/L2020K-610	20	20	125	20	20	34.0	6.0	10	6			$161.33	
GNDS R/L2525M-206	25	25	150	25	25	30.0	2.0	6	2			$161.33	
GNDS R/L2525M-306	25	25	150	25	25	30.0	3.0	6	3			$164.00	
GNDS R/L2525M-410	25	25	150	25	25	34.0	4.0	10	4			$166.67	
GNDS R/L2525M-510	25	25	150	25	25	34.0	5.0	10	5			$169.33	
GNDS R/L2525M-610	25	25	150	25	25	34.0	6.0	10	6			$172.00	

Select holders and inserts with the same grooving widths (*w*).

Internal Grooving



GNDI
Internal Grooving



■ Inch Boring Bar

INCH Catalog Number	Dimensions (in)					Max Groove Depth	Insert Seat Size W	Kit Price	Buy Inserts Get Bar FREE
	Shank Diameter	h	Overall L_1	f	Min. Bore Dm	a_r (inch)			
GNDIR/L162T-25	1.000	0.906	8.000	0.630	1.250	0.250	2	$216.00	30
GNDIR/L163T-25	1.000	0.906	8.000	0.630	1.250	0.250	3	$218.67	
GNDIR/L164T-25	1.000	0.906	8.000	0.630	1.250	0.250	4	$221.33	
GNDIR/L165T-25	1.000	0.906	8.000	0.630	1.250	0.250	5	$224.00	
GNDIR/L166T-25	1.000	0.906	8.000	0.630	1.250	0.250	6	$226.67	
GNDIR/L202T-40	1.250	1.181	10.000	1.024	1.575	0.400	2	$318.67	40
GNDIR/L203T-40	1.250	1.181	10.000	1.024	1.575	0.400	3	$321.33	
GNDIR/L204T-40	1.250	1.181	10.000	1.024	1.575	0.400	4	$324.00	
GNDIR/L205T-40	1.250	1.181	10.000	1.024	1.575	0.400	5	$326.67	
GNDIR/L206T-40	1.250	1.181	10.000	1.024	1.575	0.400	6	$329.33	
GNDIR/L243T-43	1.500	1.421	12.000	1.145	2.000"	0.430	3	$377.33	
GNDIR/L244T-43	1.500	1.421	12.000	1.145	2.000"	0.430	4	$380.00	
GNDIR/L245T-43	1.500	1.421	12.000	1.145	2.000"	0.430	5	$382.67	
GNDIR/L246T-43	1.500	1.421	12.000	1.145	2.000"	0.430	6	$385.33	

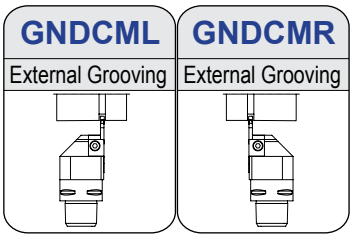
■ Metric Boring Bar

METRIC Catalog Number	Dimensions (mm)					Max. Groove Depth	Insert Seat Size W	Kit Price	Buy Inserts Get Bar FREE
	Shank Diameter	h	Overall L_1	f	Min. Bore Dm	ar (mm)			
GNDIR/L2532-T206	25	23	200	16	32	6	2	$216.00	30
GNDIR/L2532-T306	25	23	200	16	32	6	3	$218.67	
GNDIR/L2532-T406	25	23	200	16	32	6	4	$221.33	
GNDIR/L2532-T506	25	23	200	16	32	6	5	$224.00	
GNDIR/L3240-T210	32	30	250	26	40	10	2	$318.67	40
GNDIR/L3240-T310	32	30	250	26	40	10	3	$321.33	
GNDIR/L3240-T410	32	30	250	26	40	10	4	$324.00	
GNDIR/L3240-T510	32	30	250	26	40	10	5	$326.67	
GNDIR/L4050-T311	40	38	300	31	50	11	3	$377.33	
GNDIR/L4050-T411	40	38	300	31	50	11	4	$380.00	
GNDIR/L4050-T511	40	38	300	31	50	11	5	$382.67	
GNDIR/L4050-T611	40	38	300	31	50	11	6	$385.33	

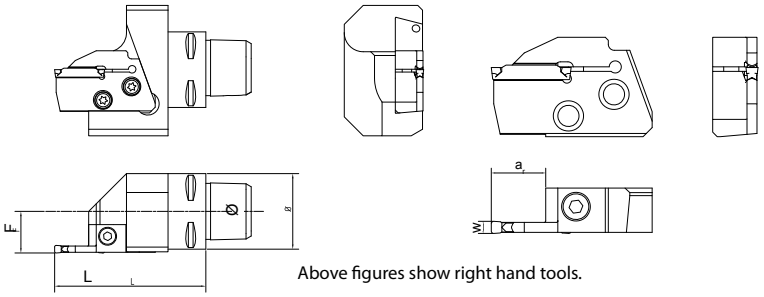
Please see page 8 for applicable inserts

Offer valid through July 31, 2017

External Multi-Purpose Type (Grooving, Turning, Profiling)



Use for multi-purpose or profiling insert for turning (wide grooves).



Above figures show right hand tools.

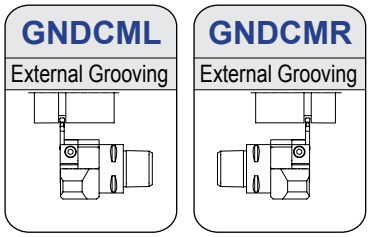
Right handed Cassette goes with right handed holder
Left handed Cassette goes with left handed holder

	Catalog Number	Stock	Grooving Width w (mm)	Grooving Depth a_r (mm)	Inserts	Cap Screw	Tightening Torque (N·m)	Wrench	PSC40 Kit Price	PSC50 Kit Price
Cassette (R/L)	GNDCMR/L212	★	2	12	GCM □2002-□□	BX0515	5.0	LH040	$385.33	$421.33
	GNDCMR/L312	★	3	12	GCM □30□□-□□				$388.00	$424.00
	GNDCMR/L418	★	4	18	GCM □40□□-□□		6.0		$390.67	$426.67
	GNDCMR/L518	★	5	18	GCM □50□□-□□				$393.33	$429.33
	GNDCMR/L618	★	6	18	GCM □60□□-□□				$396.00	$432.00

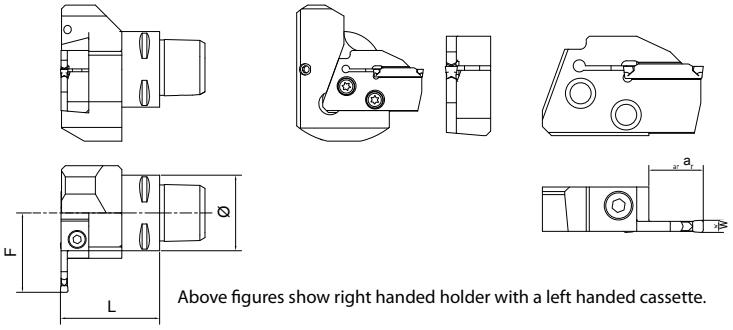
	Catalog Number	Stock	Ø	F	L	Cap Screw	Tightening Torque (N·m)	Wrench	Kit Price Includes Holder, Cassette and 5 Inserts
Holder (R/L)	PSC40GM00R/L	★	40 mm	22 mm	80 mm	BFTX0619N	7.5	TRD25	See PSC40 Kit Price above
	PSC50GM00R/L	★	50mm	27 mm	80 mm				See PSC50 Kit Price above

★: Worldwide Warehouse Item

External Multi-Purpose Type (Grooving, Turning, Profiling)



Use for multi-purpose or profiling insert for turning (wide grooves).



Above figures show right handed holder with a left handed cassette.

Right handed Cassette goes with left handed holder
Left handed Cassette goes with right handed holder

	Catalog Number	Stock	Grooving Width w (mm)	Grooving Depth a_r (mm)	Inserts	Cap Screw	Tightening Torque (N·m)	Wrench	PSC40 Kit Price	PSC50 Kit Price
Cassette (R/L)	GNDCML/R212	★	2	12	GCM□2002-□□	BX0515	5.0	LH040	$385.33	$421.33
	GNDCML/R312	★	3	12	GCM□30□□-□□				$388.00	$424.00
	GNDCML/R418	★	4	18	GCM□40□□-□□		6.0		$390.67	$426.67
	GNDCML/R518	★	5	18	GCM□50□□-□□				$393.33	$429.33
	GNDCML/R618	★	6	18	GCM□60□□-□□				$396.00	$432.00

	Catalog Number	Stock	Ø	F	L	Cap Screw	Tightening Torque (N·m)	Wrench	Kit Price Includes Holder, Cassette and 5 Inserts
Holder (R/L)	PSC40GM90R/L	★	40 mm	22 mm	80 mm	BFTX0619N	7.5	TRD25	See PSC40 Kit Price above
	PSC50GM90R/L	★	50 mm	27 mm	80 mm				See PSC50 Kit Price above

★: Worldwide Warehouse Item

Fig. 1

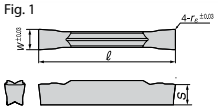
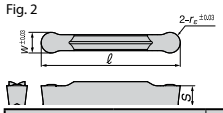


Fig. 2



Multi-Purpose / General Feed MG Chipbreaker | Multi-Purpose / Low Feed ML Chipbreaker | Grooving / General Feed GG Chipbreaker | Grooving / Low Feed GL Chipbreaker | Profiling / General Feed RG Chipbreaker | Low Cutting Force GF Chipbreaker | For Non-Ferrous Material GA Chipbreaker | For Cut-off Applications CG Chipbreaker

GCMN Inserts		Cat. No. ●= USA Stocked item ★= World Wide Warehouse Item	Coated Carbide						Cermet		Uncoated Carbide	Dimensions (inch)					Figure
			S		K	P					N	W	rε	ℓ	Insert Seat Size	S	
			AC520U	AC530U	AC425K	AC830P			T2500A		H10						
Low Cutting Force	GF Type	GCMN125005-GF NEW		●								.049	.0020	.685	1.25	.126	
		GCMN150005-GF NEW		●								.059	.0020	.685	1.5	.146	
		GCMN2002-GF NEW		★					★			.078	.0078	.831	2	.142	
		GCMN3002-GF NEW	★	★		★			★			.118	.0078	.831	3	.150	
		GCMN4002-GF NEW	★	★		★			★			.157	.0078	1.039	4	.157	
		GCMN5002-GF NEW	★	★		★						.197	.0078	1.039	5	.161	
		GCMN6002-GF NEW	★	★		★						.236	.0078	1.039	6	.177	
		GCMN7002-GF NEW	★	★		★						.276	.0078	1.132	7	.217	
		GCMN8002-GF NEW	★	★		★						.315	.0078	1.132	8	.236	
		GCMN7004-GF NEW	★	★		★						.276	.0158	1.132	7	.217	
		GCMN8004-GF NEW	★	★		★						.315	.0158	1.132	8	.236	
Deep Grooving Cut Off	General Feed GG Type	GCMN2002-GG	●	●	●	●						.078	.0078	.831	2	.142	
		GCMN2094R0.5-GG	●	●	●	●						.094	.0078	.831	2	.142	
		GCMN3002-GG	●	●	●	●						.118	.0078	.831	3	.150	
		GCMN3004-GG	●	●	●	●						.118	.0156	.831	3	.150	
		GCMN3125R0.5-GG	●	●	●	●						.125	.0078	.831	3	.150	
		GCMN4002-GG	●	●	●	●						.157	.0078	1.039	4	.157	
		GCMN4004-GG	●	●	●	●						.157	.0156	1.039	4	.157	
		GCMN5187R0.5-GG	●	●	●	●						.187	.0078	1.039	5	.161	
		GCMN5002-GG	●	●	●	●						.197	.0078	1.039	5	.161	
		GCMN5004-GG	●	●	●	●						.197	.0156	1.039	5	.161	
		GCMN6002-GG	●	●	●	●						.236	.0078	1.039	6	.177	
		GCMN6004-GG	●	●	●	●						.236	.0156	1.039	6	.177	
		GCMN6250R0.5-GG	●	●	●	●						.250	.0078	1.039	6	.177	
		GCMN6250R1.0-GG	●	●	●	●						.250	.0156	1.039	6	.177	
		GCMN7004-GG	●	●		●						.276	.0156	1.132	7	.217	
		GCMN8004-GG	●	●		●						.315	.0156	1.132	8	.236	
	Low Feed GL Type	GCMN2002-GL	●	●	●	●			●			.078	.0078	.831	2	.142	1
		GCMN2094R0.5-GL	●	●	●	●						.094	.0078	.831	2	.142	
		GCMN3002-GL	●	●	●	●			●			.118	.0078	.831	3	.150	
		GCMN3125R0.5-GL	●	●	●	●						.125	.0078	.831	3	.150	
		GCMN4002-GL	●	●	●	●			●			.157	.0078	1.039	4	.157	
		GCMN5187R0.5-GL	●	●	●	●						.187	.0078	1.039	5	.161	
		GCMN5002-GL	●	●	●	●						.197	.0078	1.039	5	.161	
		GCMN6002-GL	●	●	●	●						.236	.0078	1.039	6	.177	
		GCMN6250R0.5-GL	●	●	●	●						.250	.0078	1.039	6	.177	
		GCMN7004-GL	●	●		●						.276	.0156	1.132	7	.217	
		GCMN8004-GL	●	●		●						.315	.0156	1.132	8	.236	
Multi function (traversing)	General Feed MG Type	GCMN3004-MG	●	●	●	●						.118	.0156	.831	3	.150	
		GCMN3125R1.0-MG	●	●	●	●						.125	.0156	.831	3	.150	
		GCMN4008-MG	●	●	●	●						.157	.0312	1.039	4	.157	
		GCMN5187R2.0-MG	●	●	●	●						.187	.0312	1.039	5	.161	
		GCMN5008-MG	●	●	●	●						.197	.0312	1.039	5	.161	
		GCMN6008-MG	●	●	●	●						.236	.0312	1.039	6	.177	
		GCMN6250R2.0-MG	●	●	●	●						.250	.0312	1.039	6	.177	
		GCMN7008-MG	●	●	●	●						.276	.0313	1.132	7	.217	
		GCMN8008-MG	●	●	●	●						.315	.0313	1.132	8	.236	
	Low Feed ML Type	GCMN3002-ML	●	●	●	●			●			.118	.0078	.831	3	.150	
		GCMN3125R0.5-ML	●	●	●	●						.125	.0078	.831	3	.150	
		GCMN4004-ML	●	●	●	●			●			.157	.0156	1.039	4	.157	
		GCMN5187R1.0-ML	●	●	●	●						.187	.0156	1.039	5	.161	
		GCMN5004-ML	●	●	●	●						.197	.0156	1.039	5	.161	
		GCMN6004-ML	●	●	●	●						.236	.0156	1.039	6	.177	
		GCMN6250R1.0-ML	●	●	●	●						.250	.0156	1.039	6	.177	
		GCMN7004-ML	●	●	●	●						.276	.0156	1.132	7	.217	
		GCMN8004-ML	●	●	●	●						.315	.0156	1.132	8	.236	
Profiling	General Feed RG Type	GCMN3015-RG	●	●	●	●			●			.118	.059	.831	3	.150	2
		GCMN3125-RG	●	●	●	●						.125	.0625	.831	3	.150	
		GCMN4020-RG	●	●	●	●			●			.157	.078	1.039	4	.157	
		GCMN5187-RG	●	●	●	●						.187	.0938	1.039	5	.161	
		GCMN5025-RG	●	●	●	●						.197	.098	1.039	5	.161	
		GCMN6030-RG	●	●	●	●						.236	.118	1.039	6	.177	
		GCMN6250-RG	●	●	●	●						.250	.125	1.039	6	.177	
		GCMN7035-RG	●	●	●	●						.276	.138	1.144	7	.217	
		GCMN8040-RG	●	●	●	●						.315	.157	1.152	8	.236	
For Non-ferrous Materials	GA Type	GCGN2002-GA									●	.078	.0078	.831	2	.142	1
		GCGN3002-GA									●	.118	.0078	.831	3	.150	
		GCGN4004-GA									●	.157	.0156	1.039	4	.157	
		GCGN5004-GA									●	.197	.0156	1.039	5	.161	
		GCGN6004-GA									●	.236	.0156	1.039	6	.177	

Type		Cat. No.	R	L	R	L	R	L	R	L	R	L	R	L	Dimensions (inch)					Figure
Cut-off (Handed)	CG-05 Type	GCM_2002-CG-05	●	●	●	●	●	●	●	●					.078	.0078	.831	2	.142	1
		GCM_3002-CG-05	●	●	●	●	●	●	●	●					.118	.0078	.831	3	.150	
		GCM_4002-CG-05	●	●	●	●	●	●	●	●					.157	.0078	1.039	4	.157	

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

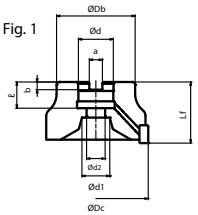
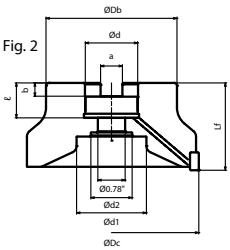


Fig. 2



TSX Shell Mill SERIES

TSX Shell Mill - Inch		Insert: LNEX08 Type													Buy Inserts Get Cutter FREE
	Cat. No.	Dimensions (in.)									No. of Teeth	Weight (lbs)	Fig.	TSX Kit Price*	
		øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2					
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
	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
	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
	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
	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
TSX Shell Mill - Inch		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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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**

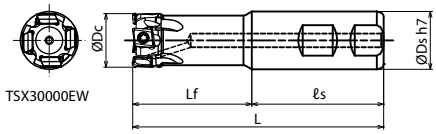
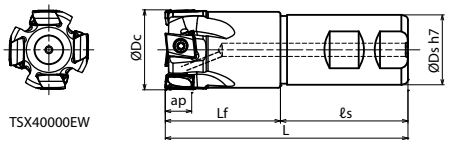
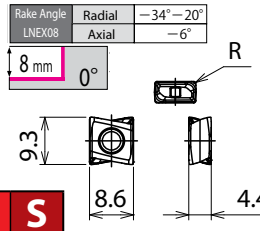


Fig. 2 **Insert: LNEX13**

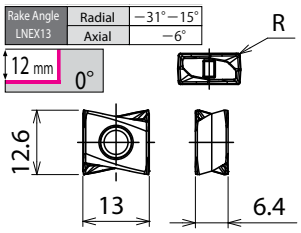


TSX Applicable Insert: LNEX

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

Inserts	P			K	M	S	
Cat. No. ● USA stocked item	ACP100	ACP200	ACP300	ACK200	ACK300	ACM200	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

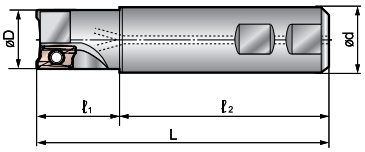
WEX 90° Shoulder Mill

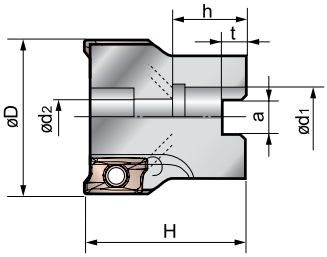
End/Shell Mills

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





WEX Endmill - Inch

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

WEX Shell Mill - Inch

	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
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

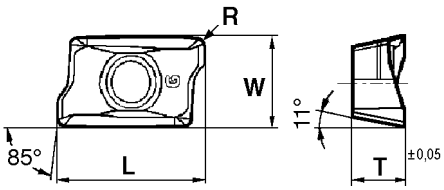
Kit Prices italicized have 20 inserts

*Suggested Retail Price in USD

Offer valid through July 31, 2017

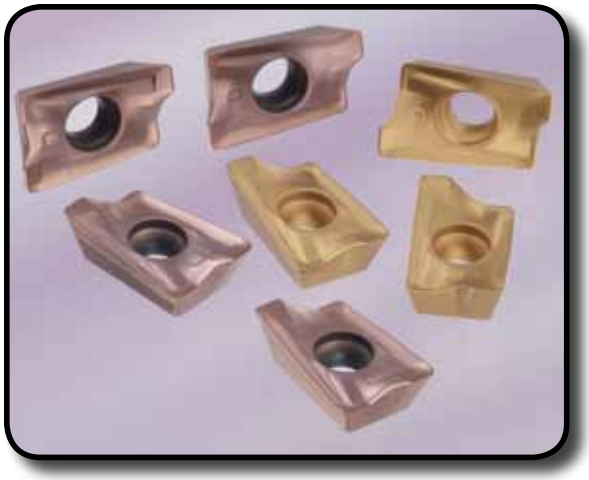
WEX 90° Shoulder Mill
Inserts

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	S	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

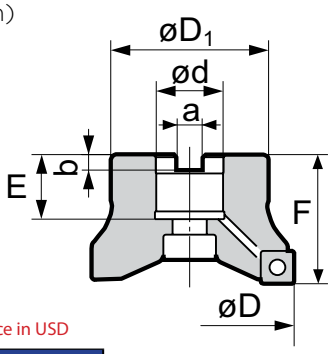
4-cornered inserts

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

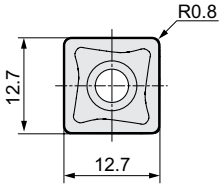
Superb 90 degree sidewall accuracy!

*Suggested Retail Price in USD

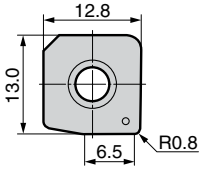
WFX - Coarse Pitch - Inch										
Catalog No.	Dimensions (Inches)							# of Teeth	WFX Kit Price*	Buy Inserts Get Cutter FREE
	D	d_1	F	d	a	b	E			
WFX42000R	2.000	1.500	1.750	0.750	0.312	0.187	0.750	3	$247.00	80
WFX42500R	2.500	1.750	1.750	1.000	0.375	0.218	0.750	4	$279.00	90
WFX43000R	3.000	2.250	1.750	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	S	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				●		●				

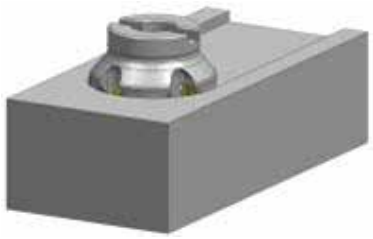
SOMT / SOET



XOEW

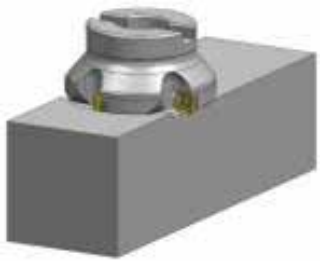


Slot Milling

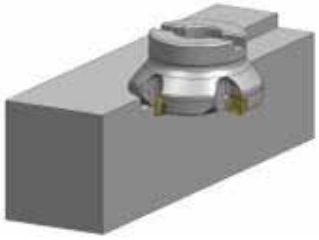


Side - Face Milling

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

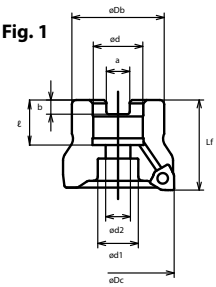
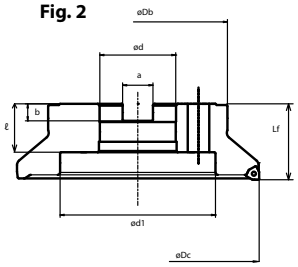


Fig. 2



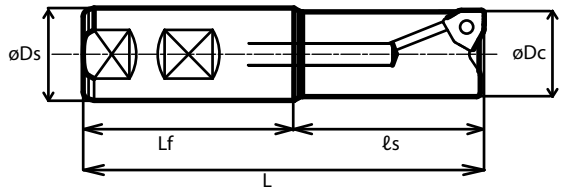
Milling Kit includes:
Milling Cutter and 10 Inserts

* Kit Prices italicized have 20 inserts

Cat. No.	Dimensions (in.)									No. of Teeth	Weight (lbs)	Fig.	DFC Kit Price*	Buy Inserts Get Cutter FREE
	øDc	øDb	Lf	ød	a	b	ℓ	ød1	ød2					
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

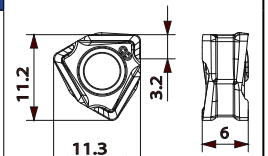


Cat. No.	Dimensions (in.)					No. of Teeth	Weight (lbs)	DFC Kit Price*	Buy Inserts Get Cutter FREE
	øDc	øDs	Lf	ℓs	L				
DFC Endmill - Inch									
DFC21000EW	1.000	1.000	2.060	2.281	4.341	2	0.77	$220.00	**30**
DFC21250EW	1.250	1.250	2.060	2.281	4.341	3	1.26	$235.00	**40**
DFC21500EW	1.500	1.250	2.060	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**

XNMU Inserts

● USA stocked item

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



Catalog Number	P			K		M	S	Radius
	ACP100	ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	
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

WGX 45° Face Mill
4-cornered inserts

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

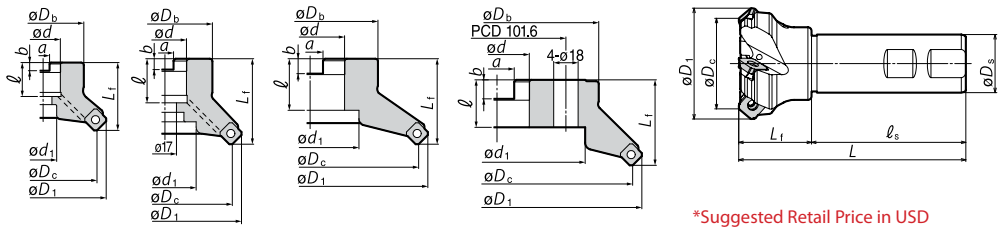
Features & Benefits

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

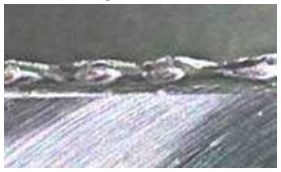
WGX - Standard Pitch- Inch													WGX Kit Price*	Buy Inserts Get Cutter FREE
Catalog No.	φD$_c$	φD$_1$	φD$_b$	L$_f$	φd	φd$_1$	a	b	ℓ	Teeth	Weight (lbs)	Fig.		
WGX42000R	2.000	2.461	1.500	1.750	0.750	0.609	0.312	0.190	0.750	3	0.9	1	$264.00	90
WGX42500R	2.500	3.008	1.750	1.750	1.000	0.797	0.375	0.220	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		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												DGC Kit Price*	Buy Inserts Get Cutter FREE
Catalog Number	**φDc**	**φD1**	**φDb**	**Lf**	**φD**	**φd1**	**a**	**b**	**ℓ**	**Teeth**	**Fig.**		
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

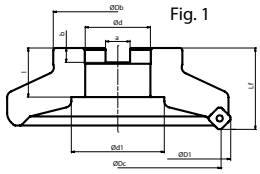


Fig. 2

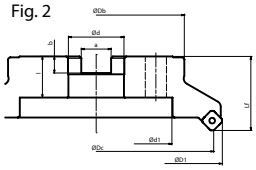


Fig. 3

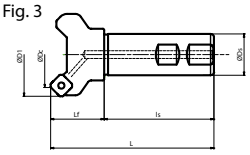
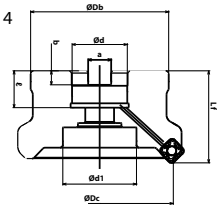


Fig. 4



DGC Endmill - Inch									DGC Kit Price*	Buy Inserts Get Cutter FREE
Catalog Number	**φDc**	**φD1**	**φDb**	**Lf**	**ℓs**	**L**	**Teeth**	**Fig.**		
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

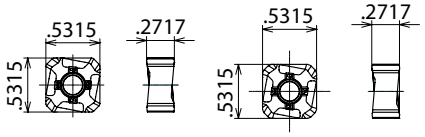
Milling Kit includes:
Milling Cutter and 10 Inserts
* Kit Prices italicized have 20 inserts

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")

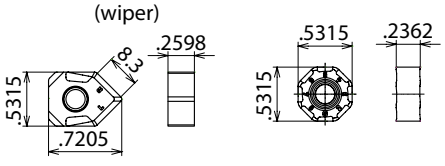
*Suggested Retail Price in USD
Kit Prices italicized have 20 inserts

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

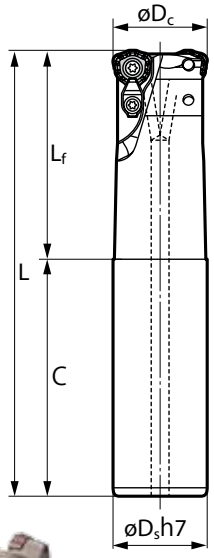
MSX Endmill - Inch

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

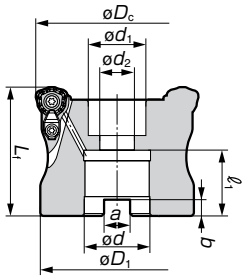
* Kit Prices italicized have 20 inserts

Up to 0.055 IPT feed rates!

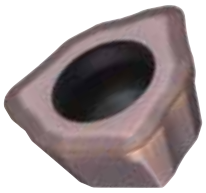


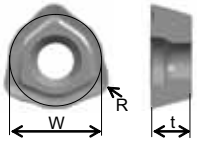
MSX Shell Mills - Inch

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		K		M	S	Insert Dimensions (in)			Max Depth of Cut (In.)
		ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	W	R	t	
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

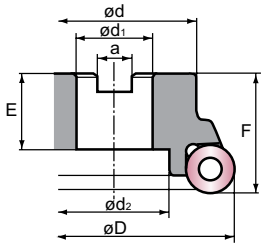
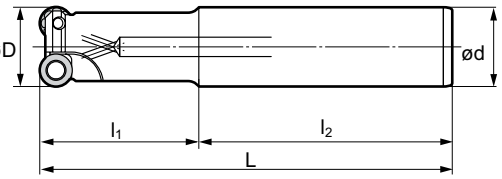


Fig. 1



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

H G

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

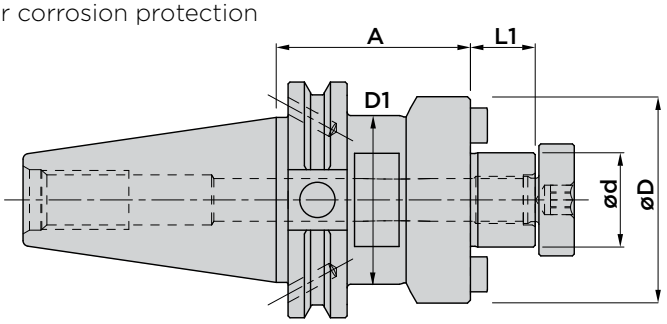
Offer valid through July 31, 2017

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

WDX

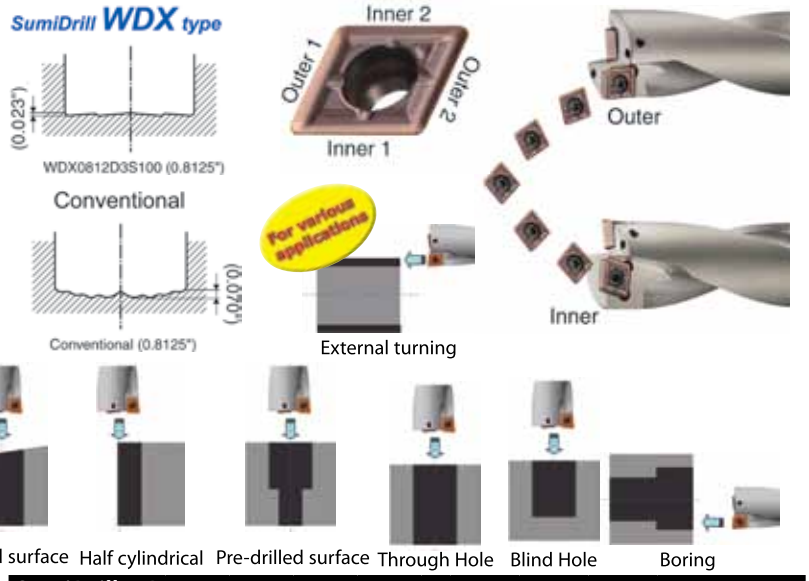
Kit Price: Includes 10 FREE Inserts!

Indexable Coolant Through Drills

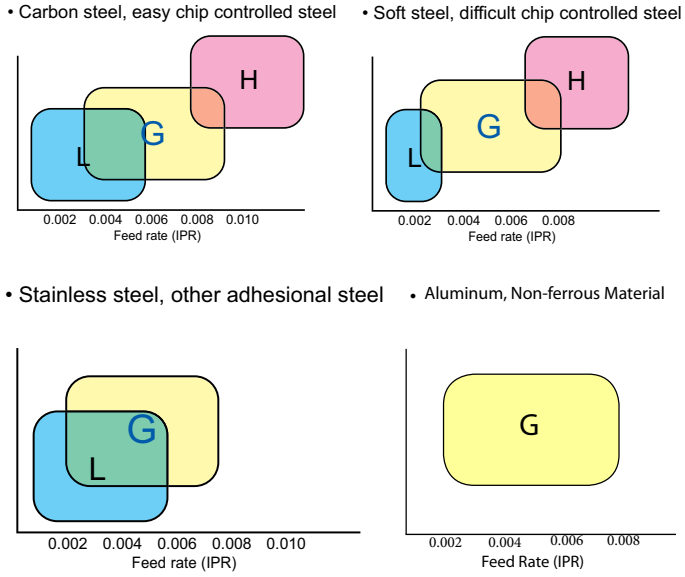
Offer valid through July 31, 2017

Features & Benefits

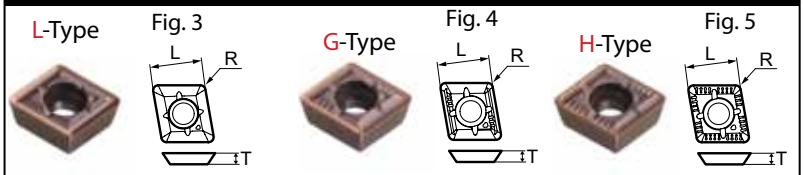
- **Excellent hole accuracy**
  New balanced design for stable drilling
- **Excellent chip control**
  Three chipbreakers for superior chip control
- **Wide Application Range**
  Insert grades for longer tool life:
  ACP300 for steel
  ACK300 for cast iron
  DL1500 for aluminum
- **Economical**
  Four-cornered insert design for easy tool management and reduce cost
- **Coolant-through Design**
  Longer tool life reduces cost per part



Feed Rate Map



SumiDrill WDX Inserts



Catalog Number	Stock ACP100	Stock ACP300	Stock ACK300	Stock DL1500	Fig.	L	T	R	WDX Body
WDXT042004-L	●	●	●		3				
WDXT042004-G	●	●	●	●	4	0.1654	0.0788	0.0157	WDX0562D□ ~ WDX0594D□
WDXT042004-H	●	●	●		5				
WDXT052504-L	●	●	●		3				
WDXT052504-G	●	●	●	●	4	0.1969	0.0984	0.0157	WDX0625D□ ~ WDX0687D□
WDXT052504-H	●	●	●		5				
WDXT063006-L	●	●	●		3				
WDXT063006-G	●	●	●	●	4	0.2362	0.1181	0.0236	WDX0750D□ ~ WDX0875D□
WDXT063006-H	●	●	●		5				
WDXT073506-L	●	●	●		3				
WDXT073506-G	●	●	●	●	4	0.2953	0.1378	0.0236	WDX0937D□ ~ WDX1125D□
WDXT073506-H	●	●	●		5				
WDXT094008-L	●	●	●		3				
WDXT094008-G	●	●	●	●	4	0.3780	0.1575	0.0315	WDX1187D□ ~ WDX1437D□
WDXT094008-H	●	●	●		5				
WDXT125012-L	●	●	●		3				
WDXT125012-G	●	●	●	●	4	0.4882	0.1969	0.0472	WDX1500D□ ~ WDX1750D□
WDXT125012-H	●	●	●		5				
WDXT156012-L	●	●	●		3				
WDXT156012-G	●	●	●	●	4	0.5984	0.2362	0.0472	WDX1813D□ ~ WDX2125D□
WDXT156012-H	●	●	●		5				
WDXT186012-L	●	●	●		3				
WDXT186012-G	●	●	●		4	0.7087	0.2362	0.0472	WDX2250D□ ~ WDX2625D□
WDXT186012-H	●	●	●		5				

WDX Recommended Running Conditions

Material	Chipbreaker-Grade	Speed (SFM)	2XD WDX Drill 0.5625" - 1.000" Feed Rate (IPR)	2XD WDX Drill 1.000" - 2.625 Feed Rate (IPR)	3XD WDX Drill 0.5625" - 1.000" Feed Rate (IPR)	3XD WDX Drill 1.000" - 2.625" Feed Rate (IPR)	4XD & 5XD WDX Drill 0.5625" - 1.000" Feed Rate (IPR)	4XD & 5XD WDX Drill 1.000" - 2.625" Feed Rate (IPR)
Steel	G-ACP300	200 - 725	0.002 - 0.010	0.002 - 0.013	0.0015 - 0.008	0.002 - 0.0105	0.002 - 0.007	0.002 - 0.0095
	L-ACP300	200 - 725	0.0015 - 0.006	0.0015 - 0.008	0.0015 - 0.004	0.0015 - 0.0065	0.0015 - 0.0035	0.0015 - 0.006
Stainless Steel	G-ACP300	300 - 600	0.0025 - 0.007	0.0025 - 0.0095	0.0025 - 0.006	0.0025 - 0.0085	0.0025 - 0.005	0.0025 - 0.0075
Gray Cast Iron	H-ACK300	400 - 650	0.004 - 0.014	0.0045 - 0.017	0.004 - 0.012	0.0045 - 0.0145	0.004 - 0.0105	0.0045 - 0.013
Ductile Iron	H-ACK300	300 - 500	0.004 - 0.014	0.0045 - 0.017	0.004 - 0.012	0.0045 - 0.0145	0.004 - 0.0105	0.0045 - 0.017
Exotic Material	G-ACP300	80 - 250	0.0025 - 0.0075	0.0025 - 0.0095	0.0025 - 0.006	0.0025 - 0.0085	0.0025 - 0.005	0.0025 - 0.0075
Aluminum	G-DL1500	800 - 1500	0.002 - 0.006	0.004 - 0.008	0.002 - 0.006	0.004 - 0.008	0.002 - 0.004	0.003 - 0.007

New ACP100 Grade			2XD WDX Drill .5625"-1.000" Feed Rate (IPR)	2XD WDX Drill 1.000"-2.625" Feed Rate (IPR)	3XD WDX Drill 0.5625"- 1.000" Feed Rate (IPR)	3XD WDX Drill 1.000" - 2.625" Feed Rate (IPR)	4XD & 5XD WDX Drill 0.5625"- 1.000" Feed Rate (IPR)	4XD & 5XD WDX Drill 1.000" - 2.625" Feed Rate (IPR)
Material	Prep & Grade	Speed (SFM)						
Steel	L-ACP100	300 - 950	.0015 - .006	.0015 -.008	.0015 - .005	.0015 - .007	.0015 - .005	.0015 - .0065
	G-ACP100	300 - 950	.002 - .010	.002 - .013	.0015 - .008	.0015 - .0105	.002 - .007	0.0025 - .0095
	H-ACP100	300 - 950	.003 - .010	.003 .013	.003 - .008	.003 - .0105	.003 - .007	.0025 - .0095
Stainless Steel	L-ACP100	350 - 800	.002 - .006	.002 - .008	.0015 - .005	0.0015 - .007	.0015 - .005	.0015 - .007
	G-ACP100	350 - 800	.0025 - .007	.0025 - .0095	.0025 - .006	.0025 - .0085	.0025 - .005	.0025 - .0075
	H-ACP100	350 - 800	.003 - .008	.003 - .0105	.0025 - .007	.0025 - .0095	.0025 - .005	.0025 - .0075
Exotic Material	L-ACP100	100 - 350	.002 - .006	.002 - .0085	.002 - .005	.002 - .0075	.0015 - .004	0.0015 - .0065
	G-ACP100	100 - 350	.002 - .0075	.002 - .0095	.002 - .0065	.002 - .0085	.002 - .005	.0025 - .0075
	H-ACP100	100 - 350	.0025 - .0075	.0025 - .0105	.0025 - .0065	.0025 - .0095	.0025 - .005	.0025 - .0075

WDX 2XD & 3XD-INCH Indexable Coolant Through Drills

Kit Price: Includes Drill & 10 Inserts

SumiDrill WDX Bodies - 2XD - INCH

Catalog Number	Stock	øDc	L1	L2	L3	ød	øDs	L4	Fig.	Screw	Wrench	Insert	SUGGESTED KIT PROMO PRICING*
WDX0562D2S075	●	0.5625	3.8330	1.8330	1.2420	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	$264.11
WDX0594D2S075	●	0.5937	3.8960	1.8960	1.3060	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	$264.11
WDX0625D2S100	●	0.6250	4.4590	1.9590	1.3680	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504	$270.58
WDX0656D2S100	●	0.6562	4.5210	2.0210	1.4300	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504	$270.58
WDX0687D2S100	●	0.6875	4.5830	2.0830	1.4920	1.2600	1.0000	2.5000	1	BFTX0204N	TRX06	WDXT052504	$270.58
WDX0750D2S100	●	0.7500	4.7090	2.2090	1.6180	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$276.32
WDX0787D2S100	●	0.7870	4.7830	2.2830	1.6920	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$276.32
WDX0812D2S100	●	0.8125	4.8340	2.3340	1.7430	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$276.32
WDX0875D2S100	●	0.8750	4.9590	2.4590	1.8680	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$276.32
WDX0937D2S125	●	0.9375	5.2020	2.7020	1.9930	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	$291.09
WDX1000D2S125	●	1.0000	5.3270	2.8270	2.1180	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	$291.09
WDX1062D2S125	●	1.0625	5.9520	2.9520	2.2430	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506	$300.17
WDX1125D2S125	●	1.1250	6.0770	3.0770	2.3680	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506	$300.17
WDX1187D2S125	●	1.1875	6.3590	3.3590	2.5320	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	$341.57
WDX1250D2S125	●	1.2500	6.4840	3.4840	2.6570	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	$341.57
WDX1312D2S150	●	1.3125	6.7270	3.7270	2.7820	2.1260	1.5000	3.0000	2	BFTX03584	TRX15	WDXT094008	$341.57
WDX1375D2S150	●	1.3750	6.8520	3.8520	2.9070	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008	$341.57
WDX1437D2S150	●	1.4375	6.9770	3.9770	3.0320	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008	$341.57
WDX1500D2S150	●	1.5000	7.1020	4.1020	3.1570	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$446.39
WDX1562D2S150	●	1.5625	7.2260	4.2260	3.2810	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$446.39
WDX1625D2S150	●	1.6250	7.3520	4.3520	3.4070	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$446.39
WDX1687D2S150	●	1.6875	7.4780	4.4780	3.5330	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$446.39
WDX1750D2S150	●	1.7500	7.6020	4.6020	3.6570	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$446.39
WDX1812D2S150	●	1.8125	7.7280	4.7280	3.7830	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$481.50
WDX1875D2S150	●	1.8750	7.8520	4.8520	3.9070	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$481.50
WDX1937D2S150	●	1.9375	7.9780	4.9780	4.0330	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$481.50
WDX2000D2S150	●	2.0000	8.1020	5.1020	4.1570	1.9490	1.5000	3.0000	3	BFTX0615N	TRD25	WDXT156012	$511.88
WDX2125D2S150	●	2.1250	8.3520	5.3520	4.4070	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$573.70
WDX2250D2S150	●	2.2500	9.0750	6.0750	4.8150	2.1730	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$625.00
WDX2375D2S150	●	2.3750	9.3270	6.3270	5.0670	2.2950	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$625.00
WDX2500D2S150	●	2.5000	9.5750	6.5750	5.3150	2.4210	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$646.39
WDX2625D2S150	●	2.6250	9.8270	6.8270	5.5670	2.5470	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$674.71

SumiDrill WDX Bodies - 3XD - INCH

Catalog Number	Stock	øDc	L1	L2	L3	ød	øDs	L4	Fig.	Screw	Wrench	Insert	SUGGESTED KIT PROMO PRICING*
WDX0562D3S075	●	0.5625	4.3950	2.3950	1.8040	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	$280.31
WDX0594D3S075	●	0.5937	4.4910	2.4910	1.9000	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	$280.31
WDX0625D3S100	●	0.6250	5.0840	2.5840	1.9930	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504	$286.77
WDX0656D3S100	●	0.6562	5.1770	2.6770	2.0860	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504	$286.77
WDX0687D3S100	●	0.6875	5.2700	2.7700	2.1790	1.2600	1.0000	2.5000	1	BFTX0204N	TRX06	WDXT052504	$286.77
WDX0750D3S100	●	0.7500	5.4590	2.9590	2.3680	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$288.63
WDX0787D3S100	●	0.7870	5.5700	3.0700	2.4790	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$288.63
WDX0812D3S100	●	0.8125	5.6460	3.1460	2.5560	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$288.63
WDX0875D3S100	●	0.8750	5.8340	3.3340	2.7430	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$288.63
WDX0937D3S125	●	0.9375	6.1390	3.6390	2.9310	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	$304.04
WDX1000D3S125	●	1.0000	6.3270	3.8270	3.1180	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	$304.04
WDX1062D3S125	●	1.0625	7.0140	4.0140	3.3060	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506	$313.76
WDX1125D3S125	●	1.1250	7.2020	4.2020	3.4930	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506	$313.76
WDX1187D3S125	●	1.1875	7.5470	4.5470	3.7200	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	$357.12
WDX1250D3S125	●	1.2500	7.7340	4.7340	3.9070	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	$357.12
WDX1312D3S150	●	1.3125	8.0400	5.0400	4.0950	2.1260	1.5000	3.0000	2	BFTX03584	TRX15	WDXT094008	$357.12
WDX1375D3S150	●	1.3750	8.2270	5.2270	4.2820	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008	$357.12
WDX1437D3S150	●	1.4375	8.4150	5.4150	4.4700	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008	$357.12
WDX1500D3S150	●	1.5000	8.8780	5.8780	4.6970	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$466.83
WDX1562D3S150	●	1.5625	9.0640	6.0640	4.8830	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$466.83
WDX1625D3S150	●	1.6250	9.2530	6.2530	5.0720	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$466.83
WDX1687D3S150	●	1.6875	9.4420	6.4420	5.2610	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$466.83
WDX1750D3S150	●	1.7500	9.6280	6.6280	5.4470	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$466.83
WDX1812D3S150	●	1.8125	9.8170	6.8170	5.6360	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$502.32
WDX1875D3S150	●	1.8750	10.0030	7.0030	5.8820	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$502.32
WDX1937D3S150	●	1.9375	10.1920	7.1920	6.0110	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$502.32
WDX2000D3S150	●	2.0000	10.3780	7.3780	6.1970	1.9490	1.5000	3.0000	3	BFTX0615N	TRD25	WDXT156012	$556.17
WDX2125D3S150	●	2.1250	10.7530	7.7530	6.5720	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$597.31
WDX2250D3S150	●	2.2500	11.3270	8.3270	7.0670	2.1730	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$664.92
WDX2375D3S150	●	2.3750	11.7010	8.7010	7.4410	2.2950	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$664.92
WDX2500D3S150	●	2.5000	12.0750	9.0750	7.8150	2.4210	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$688.09
WDX2625D3S150	●	2.6250	12.4490	9.4490	8.1890	2.5470	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$719.61

● = USA Stocked item

see page 21 for figures

Offer valid through July 31, 2017

Items ordered on promotion can not be returned.

*Suggested Retail Price in USD

WDX 4XD & 5XD-INCH Indexable Coolant Through Drills

Kit Price: Includes Drill & 10 Inserts

Fig. 1

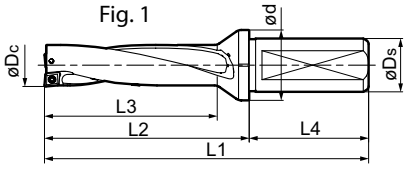


Fig. 2

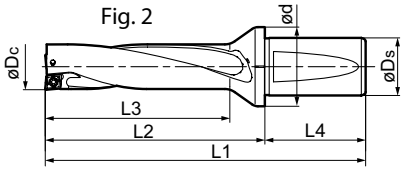
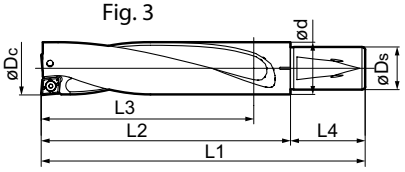


Fig. 3



SumiDrill WDX Bodies - 4XD - INCH

Catalog Number	Stock	øDc	L1	L2	L3	ød	øDs	L4	Fig.	Screw	Wrench	Insert	SUGGESTED KIT PROMO PRiCING*
WDX0562D4S075	●	0.5625	4.9570	2.9570	2.3660	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	$296.50
WDX0594D4S075	●	0.5937	5.0850	3.0850	2.4940	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	$296.50
WDX0625D4S100	●	0.6250	5.7090	3.2090	2.6180	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504	$309.45
WDX0656D4S100	●	0.6562	5.8330	3.3330	2.7420	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504	$309.45
WDX0687D4S100	●	0.6875	5.9570	3.4570	2.8660	1.2600	1.0000	2.5000	1	BFTX0204N	TRX06	WDXT052504	$309.45
WDX0750D4S100	●	0.7500	6.2090	3.7090	3.1180	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$326.86
WDX0787D4S100	●	0.7870	6.3570	3.8570	3.2660	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$326.86
WDX0812D4S100	●	0.8125	6.4590	3.9590	3.3680	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$326.86
WDX0875D4S100	●	0.8750	6.7090	4.2090	3.6180	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	$326.86
WDX0937D4S125	●	0.9375	7.0770	4.5770	3.8680	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	$344.21
WDX1000D4S125	●	1.0000	7.3270	4.8270	4.1180	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	$344.21
WDX1062D4S125	●	1.0625	8.0770	5.0770	4.3680	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506	$355.23
WDX1125D4S125	●	1.1250	8.3270	5.3270	4.6180	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506	$355.23
WDX1187D4S125	●	1.1875	8.7340	5.7340	4.9070	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	$404.44
WDX1250D4S125	●	1.2500	8.9840	5.9840	5.1570	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	$404.44
WDX1312D4S150	●	1.3125	9.3520	6.3520	5.4070	2.1260	1.5000	3.0000	2	BFTX03584	TRX15	WDXT094008	$404.44
WDX1375D4S150	●	1.3750	9.6020	6.6020	5.6570	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008	$404.44
WDX1437D4S150	●	1.4375	9.8520	6.8520	5.9070	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008	$404.44
WDX1500D4S150	●	1.5000	10.3780	7.3780	6.1970	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$499.57
WDX1562D4S150	●	1.5625	10.6260	7.6260	6.4450	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$499.57
WDX1625D4S150	●	1.6250	10.8780	7.8780	6.6970	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$499.57
WDX1687D4S150	●	1.6875	11.1300	8.1300	6.9490	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$499.57
WDX1750D4S150	●	1.7500	11.3780	8.3780	7.1970	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	$499.57
WDX1812D4S150	●	1.8125	11.6300	8.6300	7.4490	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$534.67
WDX1875D4S150	●	1.8750	11.8780	8.8780	7.6970	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$534.67
WDX1937D4S150	●	1.9375	12.1300	9.1300	7.9490	1.9490	1.5000	3.0000	3	BFTX0615N	TRD25	WDXT156012	$534.67
WDX2000D4S150	●	2.0000	12.3780	9.3780	8.1970	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$572.66
WDX2125D4S150	●	2.1250	12.8780	9.8780	8.6970	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012	$635.40
WDX2250D4S150	●	2.2500	13.5750	10.5750	9.3150	2.1730	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$725.91
WDX2375D4S150	●	2.3750	14.0750	11.0750	9.8150	2.2950	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$725.91
WDX2500D4S150	●	2.5000	14.5750	11.5750	10.3150	2.4210	1.5000	3.0000		BFTX0615N	TRD25	WDXT186012	$752.25

SumiDrill WDX Bodies - 5XD - INCH

Catalog Number	Stock	øDc	L1	L2	L3	ød	øDs	L4	Fig.	Screw	Wrench	Insert	Coolant Sleeve**	SUGGESTED KIT PROMO PRICING*
WDX0562D5S075	●	0.5620	5.5190	3.5190	2.9280	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004	SLV0750	$361.30
WDX0594D5S075	●	0.5940	5.6790	3.6790	3.0880	1.1020	0.7500	2.0000		BFTX01604N	TRX06	WDXT042004		$361.30
WDX0625D5S100	●	0.6250	6.3340	3.8340	3.2430	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504		$361.30
WDX0656D5S100	●	0.6560	6.4890	3.9890	3.3980	1.2600	1.0000	2.5000		BFTX0204N	TRX06	WDXT052504		$372.29
WDX0687D5S100	●	0.6870	6.6440	4.1440	3.5530	1.2600	1.0000	2.5000	1	BFTX0204N	TRX06	WDXT052504		$372.29
WDX0750D5S100	●	0.7500	6.9590	4.4590	3.8680	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006	SLV1000	$395.46
WDX0787D5S100	●	0.7870	7.1440	4.6440	4.0530	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006		$395.46
WDX0812D5S100	●	0.8120	7.2690	4.7690	4.1780	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006		$395.46
WDX0875D5S100	●	0.8750	7.5840	5.0840	4.4930	1.2990	1.0000	2.5000		BFTY02206	TRD07	WDXT063006		$395.46
WDX0937D5S125	●	0.9370	8.0120	5.5120	4.8030	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506	SLV1250	$418.63
WDX1000D5S125	●	1.0000	8.3270	5.8270	5.1180	1.6140	1.2500	2.5000		BFTX02506N	TRD08	WDXT073506		$418.63
WDX1062D5S125	●	1.0620	9.1370	6.1370	5.4280	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506		$441.81
WDX1125D5S125	●	1.1250	9.4520	6.4520	5.7430	1.6140	1.2500	3.0000		BFTX02506N	TRD08	WDXT073506		$441.81
WDX1187D5S125	●	1.1870	9.9200	6.9200	6.0930	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008	SLV1250L	$481.44
WDX1250D5S125	●	1.2500	10.2350	7.2350	6.4080	1.9680	1.2500	3.0000		BFTX03584	TRX15	WDXT094008		$481.44
WDX1312D5S150	●	1.3120	10.6630	7.6630	6.7180	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008		$481.44
WDX1375D5S150	●	1.3750	10.9780	7.9780	7.0330	2.1260	1.5000	3.0000	2	BFTX03584	TRX15	WDXT094008		$481.44
WDX1437D5S150	●	1.4370	11.2880	8.2880	7.3430	2.1260	1.5000	3.0000		BFTX03584	TRX15	WDXT094008		$531.37
WDX1500D5S150	●	1.5000	11.8780	8.8780	7.6970	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012		$574.38
WDX1625D5S150	●	1.6250	12.5030	9.5030	8.3220	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012	SLV1500	$574.38
WDX1750D5S150	●	1.7500	13.1280	10.1280	8.9470	1.9490	1.5000	3.0000		BFTX0511N	TRD20	WDXT125012		$628.04
WDX1875D5S150	●	1.8750	13.7530	10.7530	9.5720	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012		$632.76
WDX2000D5S150	●	2.0000	14.3780	11.3780	10.1970	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012		$705.95
WDX2125D5S150	●	2.1250	15.0030	12.0030	10.8220	1.9490	1.5000	3.0000		BFTX0615N	TRD25	WDXT156012		$705.95

● = USA Stocked item

**NOTE: Coolant adapter sleeves sold separately

*Suggested Retail Price in USD

Offer valid through July 31, 2017

Items ordered on promotion can not be returned.

WDX 2XD & 3XD- Metric Indexable Coolant Through Drills

●= USA Stocked Item ★= Worldwide Warehouse Item

Kit Price: Includes Drill & 10 Inserts

Fig. 1

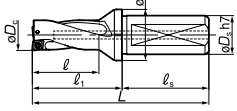


Fig. 2

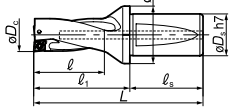


Fig. 3

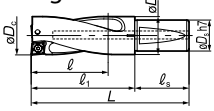


Fig. 4

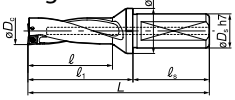


Fig. 5

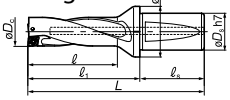
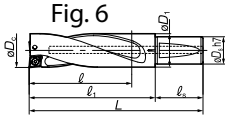


Fig. 6



SumiDrill WDX Bodies - 2XD - METRIC

Catalog Number	Stock	øD$_c$	L	ℓ$_1$	ℓ	øD$_1$	øD$_s$	ℓ$_s$	Insert	Fig.	SUGGESTED DRILL BODY PROMO PRICING*
WDX130D2S20	●	13.0	88	44	29						$264.11
WDX135D2S20	●	13.5	89	45	30						$264.11
WDX140D2S20	●	14.0	90	46	31	28.0	20	44	WDXT 042004		$264.11
WDX145D2S20	●	14.5	91	47	32						$264.11
WDX150D2S20	●	15.0	92	48	33						$264.11
WDX155D2S20	●	15.5	93	49	34						$270.58
WDX160D2S20	●	16.0	94	50	35	30.0	20	44	WDXT 052504		$270.58
WDX165D2S20	●	16.5	95	51	36						$270.58
WDX170D2S20	●	17.0	96	52	37						$270.58
WDX175D2S25	●	17.5	109	53	38	32.0	25	56			$270.58
WDX180D2S25	●	18.0	110	54	39						$270.58
WDX185D2S25	●	18.5	111	55	40						$276.32
WDX190D2S25	●	19.0	112	56	41					1	$276.32
WDX195D2S25	●	19.5	113	57	42						$276.32
WDX200D2S25	●	20.0	114	58	43						$276.32
WDX205D2S25	●	20.5	115	59	44	33.0	25	56	WDXT 063006		$276.32
WDX210D2S25	●	21.0	116	60	45						$276.32
WDX215D2S25	●	21.5	117	61	46						$276.32
WDX220D2S25	●	22.0	118	62	47						$276.32
WDX225D2S25	●	22.5	119	63	48						$276.32
WDX230D2S25	●	23.0	123	67	49						$291.09
WDX235D2S25	●	23.5	124	68	50						$291.09
WDX240D2S25	●	24.0	125	69	51	37.0	25	56			$291.09
WDX245D2S25	●	24.5	126	70	52						$291.09
WDX250D2S25	●	25.0	127	71	53						$291.09
WDX255D2S32	●	25.5	134	74	54						$300.17
WDX260D2S32	●	26.0	135	75	55						$300.17
WDX265D2S32	●	26.5	136	76	56						$300.17
WDX270D2S32	●	27.0	137	77	57	41.0	32	60	WDXT 073506		$300.17
WDX275D2S32	●	27.5	138	78	58						$300.17
WDX280D2S32	●	28.0	139	79	59						$300.17
WDX285D2S32	●	28.5	140	80	60						$300.17
WDX290D2S32	●	29.0	143	83	62	50.0	32	60			$300.17
WDX295D2S32	●	29.5	144	84	63						$300.17
WDX300D2S40	●	30.0	158	88	64						$341.57
WDX310D2S40	●	31.0	160	90	66						$341.57
WDX320D2S40	●	32.0	162	92	68				WDXT 094008		$341.57
WDX330D2S40	●	33.0	164	94	70	54.0	40	70			$341.57
WDX340D2S40	●	34.0	166	96	72						$341.57
WDX350D2S40	●	35.0	168	98	74					2	$341.57
WDX360D2S40	●	36.0	170	100	76						$341.57
WDX370D2S40	●	37.0	179	109	79						$446.39
WDX380D2S40	●	38.0	181	111	81						$446.39
WDX390D2S40	●	39.0	183	113	83						$446.39
WDX400D2S40	●	40.0	185	115	85						$446.39
WDX410D2S40	●	41.0	187	117	87		40	70	WDXT 125012		$446.39
WDX420D2S40	●	42.0	189	119	89						$446.39
WDX430D2S40	●	43.0	191	121	91						$446.39
WDX440D2S40	●	44.0	193	123	93	49.5					$446.39
WDX450D2S40	●	45.0	195	125	95						$446.39
WDX460D2S40	●	46.0	197	127	97						$481.50
WDX470D2S40	●	47.0	199	129	99						$481.50
WDX480D2S40	●	48.0	201	131	101						$481.50
WDX490D2S40	●	49.0	203	133	103						$481.50
WDX500D2S40	●	50.0	205	135	105		40	70	WDXT 156012		$481.50
WDX510D2S40	●	51.0	207	137	107						$511.88
WDX520D2S40	●	52.0	209	139	109	50.5					$511.88
WDX530D2S40	●	53.0	211	141	111	51.5					$511.88
WDX540D2S40	●	54.0	213	143	113	52.5					$573.70
WDX550D2S40	●	55.0	215	145	115	53.5					$573.70
WDX560D2S40	★	56.0	222	152	120	54.0					$625.00
WDX570D2S40	★	57.0	224	154	122	55.0					$625.00
WDX580D2S40	★	58.0	226	156	124	56.0					$625.00
WDX590D2S40	★	59.0	228	158	126	57.0				3	$625.00
WDX600D2S40	★	60.0	230	160	128	58.0					$625.00
WDX610D2S40	★	61.0	232	162	130	59.0					$646.39
WDX620D2S40	★	62.0	234	164	132	60.0	40	70	WDXT 186012		$646.39
WDX630D2S40	★	63.0	236	166	134	61.0					$646.39
WDX640D2S40	★	64.0	238	168	136	62.0					$646.39
WDX650D2S40	★	65.0	240	170	138	63.0					$646.39
WDX660D2S40	★	66.0	242	172	140	64.0					$674.71
WDX670D2S40	★	67.0	244	174	142	65.0					$674.71
WDX680D2S40	★	68.0	246	176	144	66.0					$674.71

SumiDrill WDX Bodies - 3XD - METRIC

Catalog Number	Stock	øD$_c$	L	ℓ$_1$	ℓ	øD$_1$	øD$_s$	ℓ$_s$	Insert	Fig.	SUGGESTED KIT PROMO PRICNG*
WDX130D3S20	●	13.0	101.0	57.0	42.0						$280.31
WDX135D3S20	●	13.5	102.5	58.5	43.5						$280.31
WDX140D3S20	●	14.0	104.0	60.0	45.0	28.0	20	44	WDXT 042004		$280.31
WDX145D3S20	●	14.5	105.5	61.5	46.5						$280.31
WDX150D3S20	●	15.0	107.0	63.0	48.0						$280.31
WDX155D3S20	●	15.5	108.5	64.5	49.5						$286.77
WDX160D3S20	●	16.0	110.0	66.0	51.0	30.0	20	44	WDXT 052504		$286.77
WDX165D3S20	●	16.5	111.5	67.5	52.5						$286.77
WDX170D3S20	●	17.0	113.0	69.0	54.0						$286.77
WDX175D3S25	●	17.5	126.5	70.5	55.5	32.0	25	56			$286.77
WDX180D3S25	●	18.0	128.0	72.0	57.0						$286.77
WDX185D3S25	●	18.5	129.5	73.5	58.5						$288.63
WDX190D3S25	●	19.0	131.0	75.0	60.0					4	$288.63
WDX195D3S25	●	19.5	132.5	76.5	61.5						$288.63
WDX200D3S25	●	20.0	134.0	78.0	63.0						$288.63
WDX205D3S25	●	20.5	135.5	79.5	64.5	33.0	25	56	WDXT 063006		$288.63
WDX210D3S25	●	21.0	137.0	81.0	66.0						$288.63
WDX215D3S25	●	21.5	138.5	82.5	67.5						$288.63
WDX220D3S25	●	22.0	140.0	84.0	69.0						$288.63
WDX225D3S25	●	22.5	141.5	85.5	70.5						$288.63
WDX230D3S25	●	23.0	146.0	90.0	72.0						$304.04
WDX235D3S25	●	23.5	147.5	91.5	73.5						$304.04
WDX240D3S25	●	24.0	149.0	93.0	75.0	37.0	25	56			$304.04
WDX245D3S25	●	24.5	150.5	94.5	76.5						$304.04
WDX250D3S25	●	25.0	152.0	96.0	78.0						$304.04
WDX255D3S32	●	25.5	159.5	99.5	79.5						$313.76
WDX260D3S32	●	26.0	161.0	101.0	81.0						$313.76
WDX265D3S32	●	26.5	162.5	102.5	82.5						$313.76
WDX270D3S32	●	27.0	164.0	104.0	84.0	41.0	32	60	WDXT 073506		$313.76
WDX275D3S32	●	27.5	165.5	105.5	85.5						$313.76
WDX280D3S32	●	28.0	167.0	107.0	87.0						$313.76
WDX285D3S32	●	28.5	168.5	108.5	88.5						$313.76
WDX290D3S32	●	29.0	172.0	112.0	91.0	50.0	32	60			$313.76
WDX295D3S32	●	29.5	173.5	113.5	92.5						$313.76
WDX300D3S40	●	30.0	188.0	118.0	94.0						$357.12
WDX310D3S40	●	31.0	191.0	121.0	97.0						$357.12
WDX320D3S40	●	32.0	194.0	124.0	100.0				WDXT 094008		$357.12
WDX330D3S40	●	33.0	197.0	127.0	103.0	54.0	40	70			$357.12
WDX340D3S40	●	34.0	200.0	130.0	106.0						$357.12
WDX350D3S40	●	35.0	203.0	133.0	109.0					5	$357.12
WDX360D3S40	●	36.0	206.0	136.0	112.0						$357.12
WDX370D3S40	●	37.0	216.0	146.0	116.0						$466.83
WDX380D3S40	●	38.0	219.0	149.0	119.0						$466.83
WDX390D3S40	●	39.0	222.0	152.0	122.0						$466.83
WDX400D3S40	●	40.0	225.0	155.0	125.0						$466.83
WDX410D3S40	●	41.0	228.0	158.0	128.0		40	70	WDXT 125012		$466.83
WDX420D3S40	●	42.0	231.0	161.0	131.0						$466.83
WDX430D3S40	●	43.0	234.0	164.0	134.0						$466.83
WDX440D3S40	●	44.0	237.0	167.0	137.0	49.5					$466.83
WDX450D3S40	●	45.0	240.0	170.0	140.0						$466.83
WDX460D3S40	●	46.0	243.0	173.0	143.0						$502.32
WDX470D3S40	●	47.0	246.0	176.0	146.0						$502.32
WDX480D3S40	●	48.0	249.0	179.0	149.0						$502.32
WDX490D3S40	●	49.0	252.0	182.0	152.0						$502.32
WDX500D3S40	●	50.0	255.0	185.0	155.0		40	70	WDXT 156012		$502.32
WDX510D3S40	●	51.0	258.0	188.0	158.0						$556.17
WDX520D3S40	●	52.0	261.0	191.0	161.0	50.5					$556.17
WDX530D3S40	●	53.0	264.0	194.0	164.0	51.5					$556.17
WDX540D3S40	●	54.0	267.0	197.0	167.0	52.5					$597.31
WDX550D3S40	●	55.0	270.0	200.0	170.0	53.5					$597.31
WDX560D3S40	★	56.0	278.0	208.0	176.0	54.0					$664.92
WDX570D3S40	★	57.0	281.0	211.0	179.0	55.0					$664.92
WDX580D3S40	★	58.0	284.0	214.0	182.0	56.0					$664.92
WDX590D3S40	★	59.0	287.0	217.0	185.0	57.0				6	$664.92
WDX600D3S40	★	60.0	290.0	220.0	188.0	58.0					$664.92
WDX610D3S40	★	61.0	293.0	223.0	191.0	59.0					$688.09
WDX620D3S40	★	62.0	296.0	226.0	194.0	60.0	40	70	WDXT 186012		$688.09
WDX630D3S40	★	63.0	299.0	229.0	197.0	61.0					$688.09
WDX640D3S40	★	64.0	302.0	232.0	200.0	62.0					$688.09
WDX650D3S40	★	65.0	305.0	235.0	203.0	63.0					$688.09
WDX660D3S40	★	66.0	308.0	238.0	206.0	64.0					$719.61
WDX670D3S40	★	67.0	311.0	241.0	209.0	65.0					$719.61
WDX680D3S40	★	68.0	314.0	244.0	212.0	66.0					$719.61

Offer valid through July 31, 2017

Items ordered on promotion can not be returned. *Suggested Retail Price in USD

WDX 4XD & 5XD-METRIC Indexable Coolant Through Drills

Kit Price: Includes Drill & 10 Inserts

SumiDrill WDX Bodies - 4XD - METRIC

Catalog Number	Stock	øD$_c$	L	ℓ$_1$	ℓ	øD$_1$	øD$_s$	ℓ$_s$	Insert	Fig.	SUGGESTED KIT PROMO PRICING*
WDX130D4S20	●	13.0	114	70	55	28.0	20	44	WDXT 042004	1	$296.50
WDX135D4S20	●	13.5	116	72	57						$296.50
WDX140D4S20	●	14.0	118	74	59						$296.50
WDX145D4S20	●	14.5	120	76	61						$296.50
WDX150D4S20	●	15.0	122	78	63						$296.50
WDX155D4S20	●	15.5	124	80	65	30.0	20	44	WDXT 052504		$309.45
WDX160D4S20	●	16.0	126	82	67						$309.45
WDX165D4S20	●	16.5	128	84	69						$309.45
WDX170D4S20	●	17.0	130	86	71						$309.45
WDX175D4S25	●	17.5	144	88	73	32.0	25	56			$309.45
WDX180D4S25	●	18.0	146	90	75						$309.45
WDX185D4S25	●	18.5	148	92	77	33.0	25	56	WDXT 063006		$326.86
WDX190D4S25	●	19.0	150	94	79						$326.86
WDX195D4S25	●	19.5	152	96	81						$326.86
WDX200D4S25	●	20.0	154	98	83						$326.86
WDX205D4S25	●	20.5	156	100	85						$326.86
WDX210D4S25	●	21.0	158	102	87						$326.86
WDX215D4S25	●	21.5	160	104	89						$326.86
WDX220D4S25	●	22.0	162	106	91						$326.86
WDX225D4S25	●	22.5	164	108	93						$326.86
WDX230D4S25	●	23.0	169	113	95	37.0	25	56			$344.21
WDX235D4S25	●	23.5	171	115	97						$344.21
WDX240D4S25	●	24.0	173	117	99						$344.21
WDX245D4S25	●	24.5	175	119	101						$344.21
WDX250D4S25	●	25.0	177	121	103						$344.21
WDX255D4S32	●	25.5	185	125	105	41.0	32	60	WDXT 073506	2	$355.23
WDX260D4S32	●	26.0	187	127	107						$355.23
WDX265D4S32	●	26.5	189	129	109						$355.23
WDX270D4S32	●	27.0	191	131	111						$355.23
WDX275D4S32	●	27.5	193	133	113						$355.23
WDX280D4S32	●	28.0	195	135	115						$355.23
WDX285D4S32	●	28.5	197	137	117						$355.23
WDX290D4S32	●	29.0	201	141	120	50.0	32	60	WDXT 094008		$355.23
WDX295D4S32	●	29.5	203	143	122						$355.23
WDX300D4S40	●	30.0	218	148	124	54.0	40	70			$404.44
WDX310D4S40	●	31.0	222	152	128						$404.44
WDX320D4S40	●	32.0	226	156	132						$404.44
WDX330D4S40	●	33.0	230	160	136						$404.44
WDX340D4S40	●	34.0	234	164	140						$404.44
WDX350D4S40	●	35.0	238	168	144						$404.44
WDX360D4S40	●	36.0	242	172	148						$404.44
WDX370D4S40	●	37.0	253	183	153	49.5	40	70	WDXT 125012		$499.57
WDX380D4S40	●	38.0	257	187	157						$499.57
WDX390D4S40	●	39.0	261	191	161						$499.57
WDX400D4S40	●	40.0	265	195	165						$499.57
WDX410D4S40	●	41.0	269	199	169						$499.57
WDX420D4S40	●	42.0	273	203	173						$499.57
WDX430D4S40	●	43.0	277	207	177						$499.57
WDX440D4S40	●	44.0	281	211	181						$499.57
WDX450D4S40	●	45.0	285	215	185						$499.57
WDX460D4S40	●	46.0	289	219	189	49.5	40	70	WDXT 156012		$534.67
WDX470D4S40	●	47.0	293	223	193						$534.67
WDX480D4S40	●	48.0	297	227	197						$534.67
WDX490D4S40	●	49.0	301	231	201						$534.67
WDX500D4S40	●	50.0	305	235	205						$534.67
WDX510D4S40	●	51.0	309	239	209					3	$572.66
WDX520D4S40	●	52.0	313	243	213	50.5					$572.66
WDX530D4S40	●	53.0	317	247	217	51.5					$572.66
WDX540D4S40	●	54.0	321	251	221	52.5					$635.40
WDX550D4S40	●	55.0	325	255	225	53.5					$635.40
WDX560D4S40	★	56.0	334	264	232	54.0	40	70	WDXT 186012		$725.91
WDX570D4S40	★	57.0	338	268	236	55.0					$725.91
WDX580D4S40	★	58.0	342	272	240	56.0					$725.91
WDX590D4S40	★	59.0	346	276	244	57.0					$725.91
WDX600D4S40	★	60.0	350	280	248	58.0					$725.91
WDX610D4S40	★	61.0	354	284	252	59.0					$752.25
WDX620D4S40	★	62.0	358	288	256	60.0					$752.25
WDX630D4S40	★	63.0	362	292	260	61.0					$752.25

●= USA Stocked Item

★= Worldwide Warehouse Item

*Suggested Retail Price in USD

SumiDrill WDX Bodies - 5XD - METRIC

Catalog Number	Stock	øD$_c$	L	ℓ$_1$	ℓ	øD$_1$	øD$_s$	ℓ$_s$	Insert	Fig.	Coolant Sleeve**	SUGGESTED KIT PROMO PRICING*
WDX 130D5S20	★	13.0	127.0	83.0	68.0	28.0	20.0	44.0	WDXT 042004	1	SLV20M	$361.30
WDX 135D5S20	★	13.5	129.5	85.5	70.5							$361.30
WDX 140D5S20	★	14.0	132.0	88.0	73.0							$361.30
WDX 145D5S20	★	14.5	134.5	90.5	75.5							$361.30
WDX 150D5S20	★	15.0	137.0	93.0	78.0							$361.30
WDX 155D5S20	★	15.5	139.5	95.5	80.5	30.0	20.0	44.0	WDXT 052504			$361.30
WDX 160D5S20	★	16.0	142.0	98.0	83.0							$372.29
WDX 165D5S20	★	16.5	144.5	100.5	85.5							$372.29
WDX 170D5S20	★	17.0	147.0	103.0	88.0							$372.29
WDX 175D5S25	★	17.5	161.5	105.5	90.5	32.0	25.0	56.0			SLV25M	$372.29
WDX 180D5S25	★	18.0	164.0	108.0	93.0							$372.29
WDX 185D5S25	★	18.5	166.5	110.5	95.5	33.0	25.0	56.0	WDXT 063006			$395.46
WDX 190D5S25	★	19.0	169.0	113.0	98.0							$395.46
WDX 195D5S25	★	19.5	171.5	115.5	100.5							$395.46
WDX 200D5S25	★	20.0	174.0	118.0	103.0							$395.46
WDX 205D5S25	★	20.5	176.5	120.5	105.5							$395.46
WDX 210D5S25	★	21.0	179.0	123.0	108.0							$395.46
WDX 215D5S25	★	21.5	181.5	125.5	110.5							$395.46
WDX 220D5S25	★	22.0	184.0	128.0	113.0							$395.46
WDX 225D5S25	★	22.5	186.5	130.5	115.5							$395.46
WDX 230D5S25	★	23.0	192.0	136.0	118.0	37.0	25.0	56.0	WDXT 073506			$418.63
WDX 235D5S25	★	23.5	194.5	138.5	120.5							$418.63
WDX 240D5S25	★	24.0	197.0	141.0	123.0							$418.63
WDX 245D5S25	★	24.5	199.5	143.5	125.5							$418.63
WDX 250D5S25	★	25.0	202.0	146.0	128.0							$418.63
WDX 260D5S32	★	26.0	213.0	153.0	133.0	41.0		60.0		2	SLV32M	$418.63
WDX 270D5S32	★	27.0	218.0	158.0	138.0							$441.81
WDX 280D5S32	★	28.0	223.0	163.0	143.0							$441.81
WDX 290D5S32	★	29.0	230.0	170.0	149.0	50.0	32.0					$441.81
WDX 300D5S32	★	30.0	238.0	178.0	154.0			60.0				$481.44
WDX 310D5S32	★	31.0	243.0	183.0	159.0							$481.44
WDX 320D5S32	★	32.0	248.0	188.0	164.0							$481.44
WDX 300D5S40	★	30.0	248.0	178.0	154.0	54.0	40.0	70.0	WDXT 094008		SLV40M	$481.44
WDX 310D5S40	★	31.0	253.0	183.0	159.0							$481.44
WDX 320D5S40	★	32.0	258.0	188.0	164.0							$481.44
WDX 330D5S40	★	33.0	263.0	193.0	169.0							$481.44
WDX 340D5S40	★	34.0	268.0	198.0	174.0							$481.44
WDX 350D5S40	★	35.0	273.0	203.0	179.0							$481.44
WDX 360D5S40	★	36.0	278.0	208.0	184.0							$531.37

★= Worldwide Warehouse Item

*Suggested Retail Price in USD

**NOTE: Coolant adapter sleeves sold separately

Figure 1

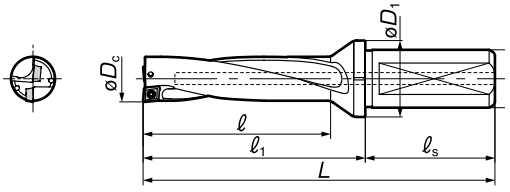


Figure 2

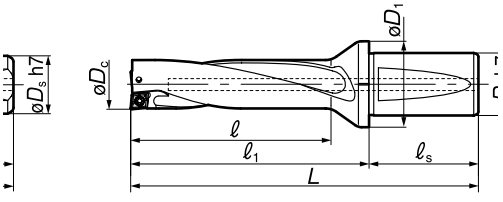
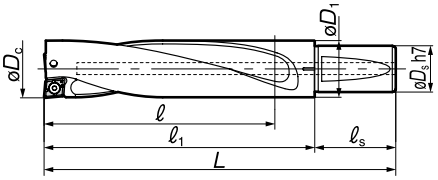


Figure 3



Offer valid through July 31, 2017

Items ordered on promotion can not be returned.

WDX 4XD INCH - Side Port Coolant Indexable Coolant Through Drills

Kit Price: Includes 10 FREE Inserts!

Sumitomo Electric Carbide, Inc. is now offering WDX-L Indexable Drill with side port coolant. Due to not all spindles being coolant-thru, the WDX-L allows for customers to use coolant through the side port.

Kit Price: Includes Drill & 10 Inserts

Features & Benefits

- Diameters available in 0.5625" to 2.5000"
- WDX-L uses WDXT inserts (same as WDX style)
- Available in 4XD style

Figure 1

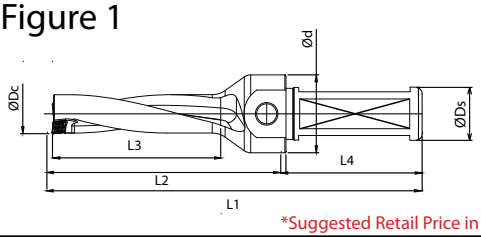
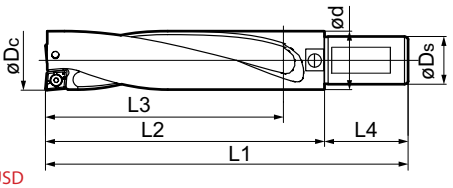


Figure 2



● = USA Stocked item

*Suggested Retail Price in USD

SumiDrill WDX Bodies Side Port - 4XD - INCH

Catalog Number	Stock	øDc	L1	L2	L3	ød	øDs	L4	Screw	Wrench	Insert	Pipe Plug	Fig.	SUGGESTED KIT PROMO PRCING*
WDX0562D4S100-L	●	0.5625	5.350	3.350	2.366	1.102	1.000	2.000	BFTX01604N	TRX06	WDXT042004	XP02		$296.50
WDX0594D4S100-L	●	0.5937	5.478	3.478	2.494	1.102	1.000	2.000	BFTX01604N	TRX06	WDXT042004	XP02		$296.50
WDX0625D4S100-L	●	0.6250	6.181	3.681	2.618	1.260	1.000	2.500	BFTX0204N	TRX06	WDXT052504	XP04		$309.45
WDX0656D4S100-L	●	0.6562	6.305	3.805	2.742	1.260	1.000	2.500	BFTX0204N	TRX06	WDXT052504	XP04		$309.45
WDX0687D4S100-L	●	0.6875	6.429	3.929	2.866	1.260	1.000	2.500	BFTX0204N	TRX06	WDXT052504	XP04		$309.45
WDX0750D4S100-L	●	0.7500	6.681	4.181	3.118	1.299	1.000	2.500	BFTY02206	TRD07	WDXT063006	XP04		$326.86
WDX0787D4S100-L	●	0.7870	6.829	4.329	3.266	1.299	1.000	2.500	BFTY02206	TRD07	WDXT063006	XP04		$326.86
WDX0812D4S100-L	●	0.8125	6.931	4.431	3.368	1.299	1.000	2.500	BFTY02206	TRD07	WDXT063006	XP04		$326.86
WDX0875D4S100-L	●	0.8750	7.181	4.681	3.618	1.299	1.000	2.500	BFTY02206	TRD07	WDXT063006	XP04		$326.86
WDX0937D4S125-L	●	0.9375	7.549	5.049	3.868	1.614	1.250	2.500	BFTX02506N	TRD08	WDXT073506	XP04		$344.21
WDX1000D4S125-L	●	1.0000	7.799	5.299	4.118	1.614	1.250	2.500	BFTX02506N	TRD08	WDXT073506	XP04	1	$344.21
WDX1062D4S125-L	●	1.0625	8.549	5.549	4.368	1.614	1.250	3.000	BFTX02506N	TRD08	WDXT073506	XP04		$355.23
WDX1125D4S125-L	●	1.1250	8.799	5.799	4.618	1.614	1.250	3.000	BFTX02506N	TRD08	WDXT073506	XP04		$355.23
WDX1187D4S125-L	●	1.1875	9.206	6.206	4.907	1.968	1.250	3.000	BFTX03584	TRX15	WDXT094008	XP04		$404.44
WDX1250D4S125-L	●	1.2500	9.456	6.456	5.157	1.968	1.250	3.000	BFTX03584	TRX15	WDXT094008	XP04		$404.44
WDX1312D4S150-L	●	1.3125	9.824	6.824	5.407	2.126	1.500	3.000	BFTX03584	TRX15	WDXT094008	XP04		$404.44
WDX1375D4S150-L	●	1.3750	10.074	7.074	5.657	2.126	1.500	3.000	BFTX03584	TRX15	WDXT094008	XP04		$404.44
WDX1437D4S150-L	●	1.4375	10.324	7.324	5.907	2.126	1.500	3.000	BFTX03584	TRX15	WDXT094008	XP04		$404.44
WDX1500D4S150-L	●	1.5000	10.850	7.850	6.197	1.949	1.500	3.000	BFTX0511N	TRD20	WDXT125012	XP04		$499.57
WDX1562D4S150-L	●	1.5625	11.098	8.098	6.445	1.949	1.500	3.000	BFTX0511N	TRD20	WDXT125012	XP04		$499.57
WDX1625D4S150-L	●	1.6250	11.350	8.350	6.697	1.949	1.500	3.000	BFTX0511N	TRD20	WDXT125012	XP04		4499.57
WDX1687D4S150-L	●	1.6875	11.602	8.602	6.949	1.949	1.500	3.000	BFTX0511N	TRD20	WDXT125012	XP04		$499.57
WDX1750D4S150-L	●	1.7500	11.850	8.850	7.197	1.949	1.500	3.000	BFTX0511N	TRD20	WDXT125012	XP04		$499.57
WDX1812D4S150-L	●	1.8125	12.102	9.102	7.449	1.949	1.500	3.000	BFTX0615N	TRD25	WDXT156012	XP04		$534.67
WDX1875D4S150-L	●	1.8750	12.350	9.350	7.697	1.949	1.500	3.000	BFTX0615N	TRD25	WDXT156012	XP04		$534.67
WDX1937D4S150-L	●	1.9375	12.602	9.602	7.949	1.949	1.500	3.000	BFTX0615N	TRD25	WDXT156012	XP04		$534.67
WDX2000D4S150-L	●	2.0000	12.850	9.850	8.197	1.949	1.500	3.000	BFTX0615N	TRD25	WDXT156012	XP04	2	$572.66
WDX2125D4S150-L	●	2.1250	13.350	10.350	8.697	1.949	1.500	3.000	BFTX0615N	TRD25	WDXT156012	XP04		$635.40
WDX2250D4S150-L	●	2.2500	14.047	11.047	9.315	2.173	1.500	3.000	BFTX0615N	TRD25	WDXT186012	XP04		$725.91
WDX2375D4S150-L	●	2.3750	14.547	11.547	9.815	2.295	1.500	3.000	BFTX0615N	TRD25	WDXT186012	XP04		$725.91
WDX2500D4S150-L	●	2.5000	15.047	12.047	10.315	2.421	1.500	3.000	BFTX0615N	TRD25	WDXT186012	XP04		$752.25

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