

# WIDIA \$197.77



## TC TOPCUT DRILLS

Designation	Dia. Inch	Dia. mm	Depth	QTY	List
<i>Insert: LPGX-07T204-34 / LPGX-07T204-36</i>					
TC-14R2	.551	14	2 x Dia.	1	\$467.00
TC-15R2	.591	15	2 x Dia.	1	\$496.00
TC-16R2	.630	16	2 x Dia.	2	\$496.00
TC-16R3	.630	16	3.5 x Dia.	5	\$496.00
TC-17R2	.669	17	2 x Dia.	4	\$524.00
TC-17R3	.669	17	3.5 x Dia.	1	\$496.00
TC-18R2	.709	18	2 x Dia.	3	\$524.00
TC-18R3	.709	18	3.5 x Dia.	1	\$546.00
<i>Insert: LPGX-100308-34 / LPGX-100308-36</i>					
TC-19R2	.748	19	2 x Dia.	1	\$524.00
TC-19R3	.748	19	3.5 x Dia.	1	\$546.00
TC-20F/VDI40	.807	20.5	3 x Dia.	1	\$549.15
TC-20R2	.787	20	2 x Dia.	1	\$553.00
TC-20R3	.787	20	3.5 x Dia.	1	\$546.00
TC-21R2	.827	21	2 x Dia.	3	\$553.00
TC-22R2	.866	22	2 x Dia.	3	\$553.00
TC-22R3	.866	22	3.5 x Dia.	1	\$571.00
TC-23R2	.906	23	2 x Dia.	1	\$553.00
TC-23R3	.906	23	3.5 x Dia.	4	\$571.00
TC-24R2	.945	24	2 x Dia.	6	\$553.00
TC-24R3	.945	24	3.5 x Dia.	1	\$571.00
TC-25R2	.984	25	2 x Dia.	7	\$553.00
TC-25R3	.984	25	3.5 x Dia.	1	\$603.00

## TCR TOPCUT DRILLS

\$149.77



Designation	Dia. Inch	Dia. mm	Depth	QTY	List
<i>Insert: LPGX-07T204-34 / LPGX-07T204-36</i>					
TCR-11R2	.433	11	2 x Dia.	2	\$467.00
TCR-11.5R2	.453	11.5	2 x Dia.	6	\$467.00
TCR-12R2	.472	12	2 x Dia.	6	\$467.00
TCR-12.5R2	.492	12.5	2 x Dia.	2	\$467.00
TCR-13R2	.512	13	2 x Dia.	1	\$467.00
TCR-13.5R2	.531	13.5	2 x Dia.	1	\$467.00
TCR-14R2	.551	14	2 x Dia.	3	\$467.00
TCR-14.5R2	.571	14.5	2 x Dia.	6	\$467.00
TCR-15R2	.591	15	2 x Dia.	3	\$467.00
TCR-15.5R2	.610	15.5	2 x Dia.	2	\$467.00
TCR-16R2	.630	16	2 x Dia.	2	\$496.00

## LPGX Inserts for TOPCUT DRILLS

Designation	I.C. Thickness	List	SPECIAL
LPGX-07T204-34 TPC35	.177 7/64	\$15.31	<span style="color: green;">\$6.99</span>
LPGX-07T204-36 TN200	.177 7/64	\$12.21	<span style="color: green;">\$5.54</span>
LPGX-07T204-36 TPC35	.177 7/64	\$15.92	<span style="color: green;">\$6.99</span>
LPGX-100308-34 TN35	.297 1/8	\$12.21	<span style="color: green;">\$5.49</span>
LPGX-100308-36 TN200	.297 1/8	\$13.14	<span style="color: green;">\$6.57</span>

## TREPAN DRILLS

- For the cost effective production of large diameter / deep holes
- Dramatically lowers power requirements as compared to solid drills
- Material savings- cores are salvageable
- Replaceable cartridges
- Special Diameters made to order

\$499.77



Designation	Dia. Inch	Shank	Depth	QTY	List
<i>Insert: WCMT-06T308-35 / WCMT-06T308-36</i>					
TWTD-063WC06	2.553	2.00	2.5 x Dia.	1	\$1098.00
TWTD-073WC06	2.756	2.00	2.5 x Dia.	2	\$1098.00
TWTD-080WC06	3.150	2.00	2.5 x Dia.	2	\$1098.00
TWTD-090WC06	3.543	2.50	2.5 x Dia.	1	\$1098.00
TWTD-100WC06	3.937	2.50	2.5 x Dia.	1	\$1098.00

# TYSON TOOL

## Inventory Clearance

Available Only While QTY's Last!

## BW / BWS DRILLS



Designation	Dia.	Depth	QTY	List	SPECIAL
<i>Insert: CPGT-1.51.21-3</i>					
BW127R	.500"	.71	20	\$208.95	<span style="color: green;">\$149.77</span>
<i>Insert: CCMT-21.51T / CCGT-21.51-3</i>					
BW159R	.625"	1.18	7	\$208.95	<span style="color: green;">\$149.77</span>
BW19R	19mm	.157	1	\$671.00	<span style="color: green;">\$179.77</span>
<i>Insert: CCMT-2.522 / CCGT-2.522-3</i>					
BW20R	20mm	1.97	1	\$440.70	<span style="color: green;">\$179.77</span>
BW222R	.875"	1.97	7	\$208.95	<span style="color: green;">\$179.77</span>
BW23R	23mm	2.36	1	\$440.70	<span style="color: green;">\$179.77</span>
BW254R	1.00"	2.36	6	\$208.95	<span style="color: green;">\$179.77</span>
BW413R	1.625"	4.13	1	\$313.95	<span style="color: green;">\$179.77</span>
BW42R	42mm	4.13	1	\$787.00	<span style="color: green;">\$199.77</span>
BWS72R	2.250"	5.51	1	\$686.18	<span style="color: green;">\$199.77</span>
BWNR-15R	15mm	.890	1	\$608.00	<span style="color: green;">\$149.77</span>
<i>Insert: WCGX-03T104 / WCGX-03T104-35</i>					
BWS-14R	14mm	3 x Dia.	2	\$689.00	<span style="color: green;">\$149.77</span>
<i>Insert: WCGT-040204 / WCGT-040204-35</i>					
BWS-20R	20mm	3 x Dia.	2	\$789.00	<span style="color: green;">\$149.77</span>
BWS-23R	23mm	3 x Dia.	1	\$453.88	<span style="color: green;">\$149.77</span>
BWS-26RX	26mm	3 x Dia.	2	\$156.45	<span style="color: green;">\$149.77</span>
BWS-27R	27mm	3 x Dia.	1	\$919.00	<span style="color: green;">\$149.77</span>
<i>Insert: WCMT-06T308 / WCMT-06T308-35</i>					
BWS-32/VDI40	32mm	3 x Dia.	1	\$574.88	<span style="color: green;">\$149.77</span>
BWS-34R	34mm	3 x Dia.	1	\$509.52	<span style="color: green;">\$149.77</span>

## TWD DRILLS

\$149.77



This helical-flute indexable insert drill provides faster cutting speeds and efficient chip removal. The drill works well on steels, alloyed steels, and stainless steels.

Designation	Cutter Dia.	Shank	Depth	QTY	List
<i>Insert: WCGT-030204 / WCGT-030204-35</i>					
TWD-075R3WC03	.750"	1.00	3 x Dia.	1	\$269.00
TWD-078R3WC03	.781"	1.00	3 x Dia.	5	\$269.00
TWD-081R3WC03	.812"	1.00	3 x Dia.	1	\$269.00
<i>Insert: WCGT-040204 / WCGT-040204-35</i>					
TWD-094R3WC04	.937"	1.25	3 x Dia.	3	\$269.00
TWD-097R3WC04	.968"	1.25	3 x Dia.	1	\$269.00
TWD-103R3WC04	1.031"	1.25	3 x Dia.	4	\$299.00
<i>Insert: WCGT-050308 / WCGT-050308-35 / WCGT-050308-36</i>					
TWD-106R3WC05	1.062"	1.25	3 x Dia.	2	\$299.00
TWD-109R3WC05	1.093"	1.25	3 x Dia.	3	\$299.00
TWD-116R3WC05	1.156"	1.25	3 x Dia.	2	\$299.00
TWD-119R3WC05	1.187"	1.25	3 x Dia.	2	\$299.00
TWD-125R3WC05	1.250"	1.25	3 x Dia.	1	\$339.00
TWD-17.5R3WC03	17.5mm	1.25	3 x Dia.	1	\$269.00
TWD-20R3WC03	20mm	1.25	3 x Dia.	2	\$269.00
TWD-22R3WC04	22mm	1.25	3 x Dia.	2	\$269.00
TWD-25R3WC04	25mm	1.25	3 x Dia.	3	\$269.00

## TS45F

Manufactured in Europe!



These Super positive milling cutters with a 45° entering angle that decreases cutting forces and allows a quick feed in a limited capacity machine.

Works well on hard steels, alloyed steels, stainless steels, refractory casts and aluminum alloys.

Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: SEKN-42AFEN / SEKR-42AFTN</i>							
TS45F-20SE4	2.000	1.75	.750	4	4	\$212.00	<span style="color: green;">\$99.77</span>
TS45F-25SE4	2.500	2.00	1.000	5	6	\$273.00	<span style="color: green;">\$99.77</span>
TS45F-30SE4	3.000	2.00	1.000	6	1	\$387.00	<span style="color: green;">\$159.77</span>
TS45F-40SE4	4.000	2.00	1.250	6	9	\$454.50	<span style="color: green;">\$199.77</span>

## TS45FC

Manufactured in Europe!



These Super positive milling cutters with a 45° entering angle that decreases cutting forces and allows a quick feed in a limited capacity machine.

Works well on hard steels, alloyed steels, stainless steels, refractory casts and aluminum alloys.

Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: SEKN-42AFEN / SEKR-42AFTN</i>							
TS45FC-30SE4	3.000	2.00	1.00	5	36	\$339.00	<span style="color: green;">\$169.77</span>
TS45FC-40SE4	4.000	2.00	1.25	7	10	\$449.00	<span style="color: green;">\$199.77</span>
TS45FC-60S34	6.000	2.00	1.50	9	3	\$1092.50	<span style="color: green;">\$499.77</span>

## TS45F-SE43X

Manufactured in Europe!



Super positive milling cutter with 45° entering angle that decreases cutting forces and allows a quick feed in a limited capacity machine.

Works well on steels, stainless steels, alloyed steels, cast iron, and aluminum alloys.

Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: SEKT-43 / SEHT-43 / SEKW-43</i>							
TS45F-20SE43X	2.000	1.750	.75	4	20	\$235.50	<span style="color: green;">\$99.77</span>
TS45F-25SE43X	2.500	2.000	1.00	5	17	\$271.50	<span style="color: green;">\$119.77</span>
TS45F-30SE43X	3.000	2.000	1.00	6	34	\$350.00	<span style="color: green;">\$159.77</span>
TS45F-40SE43X	4.000	2.000	1.25	6	14	\$424.50	<span style="color: green;">\$199.77</span>
TS45F-60SE43X	6.000	2.000	1.50	8	10	\$732.50	<span style="color: green;">\$299.77</span>

## SEH\_-43 Inserts for TS45F-SE43X Face Mills

Designation	I.C. Thickness	List	SPECIAL
SEHT-43 AESN TM44MP	.500 3/16	\$13.69	<span style="color: green;">\$4.99</span>
SEHT-43 AF TM30MP	.500 3/16	\$13.69	<span style="color: green;">\$4.99</span>
SEHT-43 AFN TIN41	.500 3/16	\$12.60	<span style="color: green;">\$4.99</span>
SEHT-43 AFFN-ALC TK10M	.500 3/16	\$12.49	<span style="color: green;">\$4.99</span>
SEHW-43 AFEN001 KM15	.500 3/16	\$9.38	<span style="color: green;">\$3.99</span>
SEHW-43 AFSN151 PM25	.500 3/16	\$9.38	<span style="color: green;">\$3.99</span>
SEHW-43 AFSN151 TN25	.500 3/16	\$12.60	<span style="color: green;">\$4.99</span>
SEHW-43 AFSN151 TIN41	.500 3/16	\$12.60	<span style="color: green;">\$4.99</span>

# WIDIA



## M68C

Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: SEK-42 AFN-1</i>							
M68C-6SE4	6.000	2.48	1.50	10	7	\$789.50	<span style="color: green;">\$399.77</span>
<i>Insert: SEK-43 AFN-1</i>							
M68C-6SE43	6.000	2.48	1.50	10	1	\$889.00	<span style="color: green;">\$499.77</span>
<i>Insert: SEK-53 AFN-1</i>							
M68C-5SE5	5.000	2.50	1.50	7	2	\$893.50	<span style="color: green;">\$499.77</span>
M68C-6SE5	6.000	2.50	1.50	8	5	\$997.50	<span style="color: green;">\$499.77</span>

## SET-MAXICUT-I

**\$299.77**

- Counterbore Milling Cutters for Inch & Metric Cap Screws
- Positive insert geometry for smooth cutting action
- Recommended for use on N/C machining centers & conventional milling machines



Designation	Range	QTY	List
SET-MAXICUT-I	1/4" to 3/4"	11	\$621.00

Set includes all the tools in the table listed below, excluding inserts

SET-MAXICUT-I *Manufactured in Europe!* **These Tools Also Available Sold Separately!**

Designation	Dia.	Shank	Cap Size	QTY	List	Tools Sold Separately
<i>Insert: CCM_-21.5_</i>						
TCCBE-025-CC2	.406	.500	1/4	8	\$134.00	\$79.77
TCCBE-031-CC2	.508	.508	5/16	12	\$134.00	\$79.77
<i>Insert: CCM_-32.5_</i>						
TCCBE-037-CC3	.594	.625	3/8	12	\$134.00	\$79.77
TCCBE-050-CC3	.781	.625	1/2	2	\$155.00	\$89.77
TCCBE-062-CC3	.969	.750	5/8	3	\$155.00	\$89.77
TCCBE-075-CC3	1.188	.750	3/4	5	\$177.00	\$99.77

## SET-MAXICUT-M

**\$299.77**

- Counterbore Milling Cutters for Inch & Metric Cap Screws
- Positive insert geometry for smooth cutting action
- Recommended for use on N/C machining centers & conventional milling machines



Designation	Range	QTY	List
SET-MAXICUT-M	M6 - M16	4	\$621.00

Set includes all the tools in the table listed below, excluding inserts

SET-MAXICUT-M *Manufactured in Europe!* **These Tools Also Available Sold Separately!**

Designation	Dia.	Shank	Cap Size	QTY	List	Tools Sold Separately
<i>Insert: CCM_-21.5_</i>						
TCCBE-M6-CC2	11	12	M6	2	\$109.00	\$69.77
TCCBE-M8-CC2	14	12	M8	6	\$109.00	\$69.77
<i>Insert: CCM_-32.5_</i>						
TCCBE-M10-CC3	17	16	M10	1	\$109.00	\$69.77
TCCBE-M12-CC3	19	16	M12	2	\$126.00	\$79.77
TCCBE-M14-CC3	22	16	M14	1	\$126.00	\$79.77
TCCBE-M16-CC3	25	16	M16	2	\$144.00	\$89.77

## TT90FC

*Manufactured in Europe!*

Positive milling cutter with an exact angle of 90° using very strong inserts.

This face and square shoulder milling cutter works well on steels, alloyed steels, stainless steels, cast iron and aluminum alloys.



Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: TPKN-43PD_R / TPUN-432</i>							
TT90FC-30TP4	3.000	2.00	1.00	5	15	\$325.50	\$159.77
TT90FC-40TP4	4.000	2.00	1.250	7	15	\$417.00	\$179.77
TT90FC-50TP4	5.000	2.00	1.50	9	1	\$790.00	\$279.77
TT90FC-60TP4	6.000	2.00	1.50	9	1	\$999.50	\$299.77
TT90FC-100TP4	10.00	2.50	2.50	15	1	\$1580.00	\$499.77

## TS75R8

*Manufactured in Europe!*

Positive milling cutter with 75° entering angle. It's strong inserts accept high cutting depths and high feed per teeth.

Works well on steels, stainless steels, alloyed steels, cast iron, and aluminum alloys.



Designation	Dia.	Shank	OAL	Flutes	QTY	List	SPECIAL
<i>Insert: SPU-42 / SPK-42 EDR</i>							
TS75R8-15SP4	1.500	R8	5.63	3	3	\$377.50	\$119.77
TS75R8-20SP4	2.000	R8	5.63	3	1	\$408.00	\$119.77
TS75R8-25SP4	2.500	R8	5.63	4	2	\$452.50	\$139.77
TS75R8-30SP4	3.000	R8	5.63	5	1	\$452.50	\$159.77

## TS75F

*Manufactured in Europe!*

Positive milling cutter with 75° entering angle. It's strong inserts accept high cutting depths and high feed per teeth.

Works well on steels, stainless steels, alloyed steels, cast iron, and aluminum alloys.



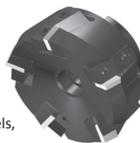
Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: SPU-42 / SPK-42 EDR</i>							
TS75F-15SP4	1.500	1.75	.50	3	2	\$189.50	\$89.77
TS75F-25SP4	2.500	2.00	1.00	4	2	\$260.50	\$99.77
TS75F-40SP4	4.000	2.00	1.25	6	1	\$433.00	\$159.77

## TS75FC

*Manufactured in Europe!*

Positive milling cutter with 75° entering angle. It's strong inserts accept high cutting depths and high feed per teeth.

Works well on steels, stainless steels, alloyed steels, cast iron, and aluminum alloys.



Designation	Dia.	Height	Bore	Flutes	QTY	List	SPECIAL
<i>Insert: SPU-42 / SPK-42 EDR</i>							
TS75FC-50SP4	5.000	2.00	1.50	8	2	\$769.00	\$279.77
TS75FC-60SP4	6.000	2.00	1.50	10	3	\$978.00	\$379.77
TS75FC-80SP4	8.000	8.00	2.50	12	2	\$1270.00	\$399.77

## SPKR Inserts for TS75 Milling Cutters

Designation	Length	Thickness	List	SPECIAL
SPKR-42EDR TTM	.500	1/8	\$14.59	\$4.99

## WIDIA

### Insert Clearance

#### SEKR Inserts

Designation	I.C.	Thickness	List	SPECIAL
SEKR-43 AFN-1 TPC25	.500	3/16	\$12.64	\$3.99
SEKR-43 AFN-1 TN25M	.500	3/16	\$14.17	\$3.99

#### TPKR Inserts

Designation	I.C.	Thickness	List	SPECIAL
TPKR-32 PDR-MS TN25M	.375	1/8	\$11.23	\$3.99
TPKR-32 PDR-MS TPC35	.375	1/8	\$11.23	\$3.99

#### SDMT Inserts

Designation	I.C.	Thickness	List	SPECIAL
SDMT-1204 PDR-ML TTI-25	.500	3/16	\$15.87	\$3.99
SDMT-1506 PDR-MH TPC35	.625	1/4	\$16.92	\$6.99
SDMT-1506 PDR-ML HK15M	.625	1/4	\$18.06	\$5.99
SDMT-1506 PDR-ML TN450	.625	1/4	\$19.55	\$5.99
SDMT-1506 PDR-ML TPC35	.625	1/4	\$16.92	\$6.99
SDMT-1506 PDR-ML TTM	.625	1/4	\$16.30	\$4.99

## D'ANDREA MAXICOOL

All monod' shell mill holders are manufactured to use milling cutter bodies equipped with bores for coolant through

### CV Shell Mill Holders with Coolant Through

MONOD'



Designation	pilot	gage	QTY	List	SPECIAL
<b>CV40</b>					
CV40SM-0750-2.00		2.00	247	\$134.00	\$79.95
CV40SM-0750-4.00	.750	4.00	76	\$172.00	\$99.95
CV40SM-1000-2.00		2.00	7	\$134.00	\$89.95
CV40SM-1000-4.00	1.000	4.00	48	\$172.00	\$99.95
CV40SM-1250-2.17		2.17	3	\$148.00	\$99.95
CV40SM-1250-2.25	1.250	2.25	77	\$148.00	\$89.95
CV40SM-1250-4.00		4.00	83	\$195.00	\$99.95
CV40SM-1500-2.25		2.25	57	\$159.00	\$99.95
CV40SM-1500-4.00	1.500	4.00	100	\$209.00	\$109.95
<b>CV50</b>					
CV50SM-0750-2.00		2.00	93	\$177.00	\$99.95
CV50SM-0750-4.00	.750	4.00	49	\$223.00	\$99.95
CV50SM-0750-6.00		6.00	35	\$283.00	\$129.95
CV50SM-1000-2.00		2.00	87	\$177.00	\$99.95
CV50SM-1000-4.00	1.000	4.00	48	\$223.00	\$109.95
CV50SM-1000-6.00		6.00	50	\$283.00	\$119.95
CV50SM-1250-2.17		2.17	6	\$190.00	\$99.95
CV50SM-1250-2.25	1.250	2.25	73	\$190.00	\$99.95
CV50SM-1250-4.00		4.00	73	\$238.00	\$109.95
CV50SM-1250-6.00		6.00	75	\$298.00	\$129.95
CV50SM-1500-2.25		2.25	60	\$193.00	\$109.95
CV50SM-1500-4.00	1.500	4.00	67	\$245.00	\$119.95
CV50SM-1500-6.00		6.00	63	\$312.00	\$129.95

### BT Shell Mill Holders with Coolant Through

MONOD'



Designation	pilot	gage	QTY	List	SPECIAL
<b>BT40</b>					
BT40SM-0750-2.00		2.00	185	\$134.00	\$69.95
BT40SM-0750-4.00	.750	4.00	59	\$172.00	\$79.95
BT40SM-1000-2.00		2.00	28	\$134.00	\$79.95
BT40SM-1000-4.00	1.000	4.00	81	\$172.00	\$79.95
BT40SM-1250-2.17		2.17	18	\$148.00	\$99.95
BT40SM-1250-2.25	1.250	2.25	80	\$148.00	\$99.95
BT40SM-1250-4.00		4.00	84	\$195.00	\$99.95

### HSK Shell Mill Holders HSK-A63

TOPRUN



Designation	pilot	gage	QTY	List	SPECIAL
<b>HSK-A63</b>					
HSK-A63SM-0750-TR	.750	1.969	20	\$272.00	\$197.95
HSK-A63SM-1000-TR	1.000	2.165	35	\$272.00	\$197.95
HSK-A63SM-1250-TR	1.250	2.362	49	\$285.00	\$197.95

# TYSON TOOL

TYSON TOOL COMPANY LIMITED  
75 ORMONT DRIVE, TORONTO, ONTARIO, M9L-2S3  
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