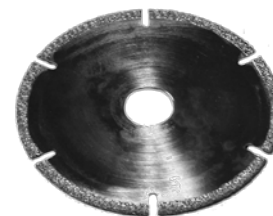


UNMOUNTED SAWS - VACUUM BRAZED

CONTINUOUS



GULLETED

**CONTINUOUS RIM**

PART #	Ø OD	ID	SLOTS	GRIT
CD1-1/2X1/4-40	1-1/2"	1/4"		40
CD2X1/4-40	2"	1/4"		40
CD2-1/2X1/4-40	2-1/2"	1/4"		40
CD3X3/4-40	3"	3/4"		40
CD3X3/8-40	3"	3/8"		40
CD4X3/4-40	4"	3/4"		40
CD4X5/8-40	4"	5/8"		40
CD4X3/8-40	4"	3/8"		40

GULLETED

PART #	Ø OD	ID	SLOTS	GRIT
CD1-1/2X1/4-40S	1-1/2"	1/4"	√ - 4	40
CD2X1/4-40S	2"	1/4"	√ - 4	40
CD2-1/2X1/4-40S	2-1/2"	1/4"	√ - 4	40
CD3X5/8-40S	3"	5/8"	√ - 4	40
CD3X3/8-40S	3"	3/8"	√ - 4	40
CD4X3/4-40S	4"	3/4"	√ - 6	40
CD4X5/8-40S	4"	5/8"	√ - 6	40
CD4X3/8-40S	4"	3/8"	√ - 4	40
CD5X3/4-40S	5"	3/4"	√ - 6	40
CD6X3/4-40S	6"	3/4"	√ - 6	40
CD7X3/8-40S	7"	3/4"	√ - 6	40
CD8X3/4-40S	8"	3/4"	√ - 6	40

SIDE SPOKE



FULL REINFORCED

**SIDE SPOKE**

PART #	Ø OD	ID	SLOTS	GRIT
CD3X5/8-40SS	3"	5/8"		40
CD3X3/8-40SS	3"	3/8"		40
CD4X3/4-40SS	4"	3/4"		40
CD4X5/8-40SS	4"	5/8"		40
CD4X3/8-40SS	4"	3/8"		40
CD5X3/4-40SS	5"	3/4"		40

FULL REINFORCED

PART #	Ø OD	ID	SLOTS	GRIT
CD4X3/4-40FF	4"	3/4"	√ - 6	40
CD4X5/8-40FF	4"	5/8"	√ - 6	40
CD4X3/8-40FF	4"	3/8"	√ - 4	40
CD5X3/4-40FF	5"	3/4"	√ - 6	40



BFT-1.5	1-1/2"	20 MM
BFT-2.0	2"	20 MM
BFT-2.5	2-1/2"	20 MM
BFT-3.0	3"	20 MM

UNMOUNTED HOLES SAWS - VACUUM BRAZED



PART #	Ø OD
HS9/16"X3/8	9/16"
HS5/8"X3/8	5/8"
HS11/16"X3/8	11/16"
HS3/4"X3/8	3/4"
HS13/16"X3/8	13/16"
HS7/8"X3/8	7/8"
HS15/16"X3/8	15/16"
HS1"X3/8	1"
HS1-1/8"X3/8	1-1/8"
HS1-1/4X3/8	1-1/4"
HS1-3/8X3/8	1-3/8"
HS1-1/2X3/8	1-1/2"
HS1-3/4X3/8	1-3/4"
HS2X3/8S	2"
HS2-1/8X3/8S	2-1/8"
HS2-1/4X3/8S	2-1/4"
HS2-1/2X3/8S	2-1/2"
HS2-3/4X3/8S	2-3/4"
HS3X3/8S	3"
HS3-1/4X3/8S	3-1/4"
HS3-1/2X3/8S	3-1/2"
HS3-3/4X3/8S	3-3/4"
HS4X3/8S	4"
HS5X3/8S	5"
HS6X3/8	6"

ADAPTERS FOR UNMOUNTED HOLE SAWS

PART #	SIZE	TYPE
HSAD-1/4R	1/4	ROUND
HSAD-1/4H	1/4	HEX
HSAD-3/8R	3/8	ROUND
HSAD-3/8H	3/8	HEX
HSAD-7/16R	7/16	ROUND
HSAD-7/16H	7/16	HEX



OTHER SIZES AVAILABLE UPON REQUEST
PREMIUM QUALITY
REASONABLE PRICING

ONE PIECE HOLES SAWS - VACUUM BRAZED



PART #	Ø OD	ADAPTER SHANK	SLOTS
HS1/4"X1/4	1/4"	1/4"	2
HS5/16"X3/8S	5/16"	3/8"	2
HS3/8"X3/8S	3/8"	3/8"	2
HS7/16"X3/8S	7/16"	3/8"	2
HS1/2"X3/8S	1/2"	3/8"	3
HS9/16"X3/8S	9/16"	3/8"	3
HS5/8"X3/8S	5/8"	3/8"	3
HS11/16"X3/8S	11/16"	3/8"	3
HS3/4"X3/8S	3/4"	3/8"	3

STRAIGHT ROUTER BITS



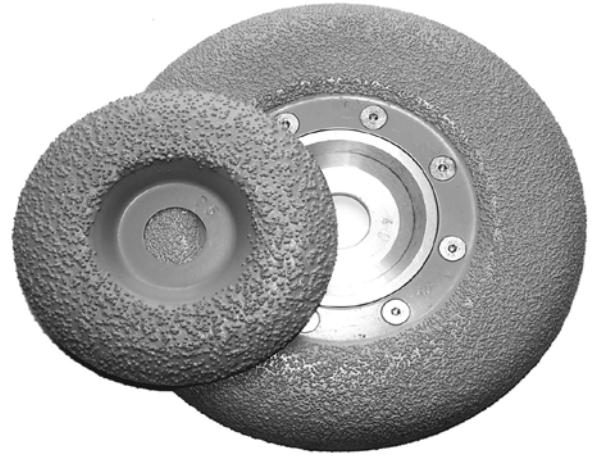
PART #	D X L DIAMOND	SIZE SHANK
R1/4X1X1/4-F	1/4 X 1 FLAT	1/4 X 2
R3/8X1X1/4-F	3/8 X 1 FLAT	1/4 X 2
R3/8X1X3/8-F	3/8 X 1 FLAT	3/8 X 2
R1/2X1X1/4-F	1/2 X 1 FLAT	1/4 X 2
R1/2X1X3/8-F	1/2 X 1 FLAT	3/8 X 2
R1/2X1X1/2-F	1/2 X 1 FLAT	1/2 X 2
R3/4X1X3/8-F	3/4 X 1 FLAT	3/8 X 2
R1X1X3/8-F	1 X 1 FLAT	3/8 X 2
R1/4X1X1/4-R	1/4 X 1 ROUNDED	1/4
R3/8X1X1/4-R	3/8 X 1 ROUNDED	1/4
R3/8X1X3/8-R	3/8 X 1 ROUNDED	3/8
R1/2X1X1/4-R	1/2 X 1 ROUNDED	1/4
R1/2X1X3/8-R	1/2 X 1 ROUNDED	3/8
R1/2X1X1/2-R	1/2 X 1 ROUNDED	1/2
R3/4X1X3/8-R	3/4 X 1 ROUNDED	3/8
R1X1X3/8-R	1 X 1 ROUNDED	3/8

SHAPING ROUTER BITS

PART #	RADIUS	SHAPE	SHANK
BXR3/8X2	3/8	DEMI	1/2 X 2
BXR1/2X2	1/2	DEMI	1/2 X 2
BXR3/4X2	3/4	DEMI	1/2 X 2
VXR1/2X2	1/2	FULL	1/2 X 2
VXR3/4X2	3/4	FULL	1/2 X 2



OTHER SHAPES AVAILABLE UPON REQUEST

4-1/2" & 7" FACE TYPE GRINDING WHEEL

PART #	MESH	DESCRIPTION
4-1/2"		
SEK4P0	25	SEK WHEEL POS 0
SEK4P1	30	SEK WHEEL POS 1
SEK4P2	40	SEK WHEEL POS 2
SEK4P3	60	SEK WHEEL POS 3
SEK4P4	100	SEK WHEEL POS 4
SEK4P5	200	SEK WHEEL POS 5
7"		
SEK7P0	25	SEK WHEEL POS 0
SEK7P1	30	SEK WHEEL POS 1
SEK7P2	40	SEK WHEEL POS 2
SEK7P3	60	SEK WHEEL POS 3
SEK7P4	100	SEK WHEEL POS 4
SEK7P5	200	SEK WHEEL POS 5

2" - 51 MM, 4" - 100 MM AND 5" - 125 MM BRAZED CUP WHEEL 5/8-11 ATTACHMENT

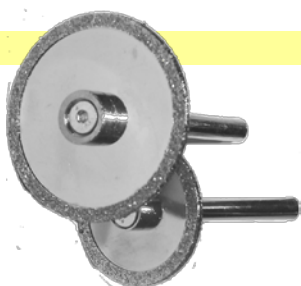
PART #	SIZE	
CWSP2-C	50 mm	COARSE
CWSP4-C	100 mm	COARSE
CWSP5-C	125 mm	COARSE
CWSP2-F	50 mm	FINE
CWSP4-F	100 mm	FINE
CWSP5-F	125 mm	FINE

UNMOUNTED SAWS - ELECTROPLATED



PART #	Ø OD	ID	SLOTS	GRIT
ELCD1-1/2X1/4-40	1-1/2"	1/4"	√ - 4	40
ELCD1-1/2X1/4-40S	1-1/2"	1/4"		40
ELCD2X1/4-40	2"	1/4"	√ - 4	40
ELCD2X1/4-40S	2"	1/4"		40
ELCD2-1/2X1/4-40	2-1/2"	1/4"	√ - 4	40
ELCD2-1/2X1/4-40S	2-1/2"	1/4"		40
ELCD3X5/8-40S	3"	5/8"	√ - 4	40
ELCD3X3/8-40S	3"	3/8"	√ - 4	40
ELCD3X3/4-40	3"	3/4"		40
ELCD3X3/8-40	3"	3/8"		40
ELCD4X3/4-40S	4"	3/4"	√ - 6	40
ELCD4X5/8-40S	4"	5/8"	√ - 6	40
ELCD4X3/8-40S	4"	3/8"	√ - 4	40
ELCD4X3/4-40	4"	3/4"		40
ELCD4X5/8-40	4"	5/8"		40
ELCD4X3/8-40	4"	3/8"		40
ELCD5X3/4-40	5"	5/8"		40
ELCD6X3/8-40	6"	5/8"		40
ELCD7X3/4-40S	7"	5/8"	√ - 6	40
ELCD8X5/8-40S	8"	5/8"	√ - 6	40
ELCD10X3/8-40S	10"	5/8"	√ - 4	40
ELCD12X3/4-40	12"	5/8"		40
ELCD14X5/8-40	14"	5/8"		40

ELECTROPLATED MOUNTED SAWS



PART #	Ø OD	SHANK	SLOTS	GRIT
ELCD1X1/4S-40	1"	1/4"	√ - 4	40
ELCD1X1/4S-40S	1"	1/4"		40
ELCD1-1/2X1/4S-40	1-1/2"	1/4"	√ - 4	40
ELCD1-1/2X1/4S-40S	1-1/2"	1/4"		40
ELCD2X1/4S-40	2"	1/4"	√ - 4	40
ELCD2X1/4S-40S	2"	1/4"		40
ELCD2X3/8S-40	2"	3/8"	√ - 4	40
ELCD2X3/8S-40S	2"	3/8"		40

ELECTROPLATED UNMOUNTED HOLES SAWS



PART #	Ø OD	SLOTS
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ELHS9/16"X3/8	9/16"	3
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ELHS5/8"X3/8	5/8"	3
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ELHS3/4"X3/8	3/4"	3
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ELHS1"X3/8	1"	4
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ELHS1-1/8"X3/8	1-1/8"	4
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ELHS1-1/4X3/8	1-1/4"	4
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ELHS1/3/8X3/8	1/3/8"	4
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ELHS1-1/2X3/8	1-1/2"	4
---------------	--------	---

ELHS1-3/4X3/8	1-3/4"	4
---------------	--------	---

ELHS2X3/8	2"	4
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ELHS2-1/4X3/8	2-1/4"	4
---------------	--------	---

ELHS2-1/2X3/8	2-1/2"	4
---------------	--------	---

ELHS3X3/8S	3"	4
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ELHS3-1/4X3/8S	3-1/4"	4
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ELHS3-1/2X3/8S	3-1/2"	4
----------------	--------	---

ELHS3-3/4X3/8S	3-3/4"	4
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ELHS4X3/8S	4"	4
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ELHS5X3/8S	5"	4
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ELHS6X3/8	6"	4
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ADAPTERS FOR UNMOUNTED HOLE SAWS

PART #	SIZE	TYPE
--------	------	------

ELHSAD-1/4R	1/4	ROUND
-------------	-----	-------

ELHSAD-1/4H	1/4	HEX
-------------	-----	-----

ELHSAD-3/8R	3/8	ROUND
-------------	-----	-------

ELHSAD-3/8H	3/8	HEX
-------------	-----	-----

ELHSAD-7/16R	7/16	ROUND
--------------	------	-------

ELHSAD-7/16H	7/16	HEX
--------------	------	-----

OTHER SIZES AVAILABLE UPON REQUEST

ELECTROPLATED ROUTER BITS



PART #	D X L DIAMOND	SIZE SHANK
ELR1/4X1X1/4-F	1/4 X 1	1/4 X 2
ELR3/8X1X1/4-F	3/8 X 1	1/4 X 2
ELR3/8X1X3/8-F	3/8 X 1	3/8 X 2
ELR1/2X1X1/4-F	1/2 X 1	1/4 X 2
ELR1/2X1X3/8-F	1/2 X 1	3/8 X 2
ELR1/2X1X1/2-F	1/2 X 1	1/2 X 2
ELR3/4X1X3/8-F	3/4 X 1	3/8 X 2
ELR1X1X3/8-F	1 X 1	3/8 X 2
ELR1/4X1X1/4-ELR	1/4 X 1	1/4 X 2
ELR3/8X1X1/4-ELR	3/8 X 1	1/4 X 2
ELR3/8X1X3/8-ELR	3/8 X 1	3/8 X 2
ELR1/2X1X1/4-ELR	1/2 X 1	1/4 X 2
ELR1/2X1X3/8-ELR	1/2 X 1	3/8 X 2
ELR1/2X1X1/2-ELR	1/2 X 1	1/2 X 2
ELR3/4X1X3/8-ELR	3/4 X 1	3/8 X 2
ELR1X1X3/8-ELR	1 X 1	3/8 X 2

ELECTROPLATED HOLES SAWS



PART #	Ø OD	ADAPTER SHANK	SLOTS
ELHS1/4"X1/4	1/4"	1/4"	2
ELHS5/16"X3/8S	5/16"	3/8"	2
ELHS3/8"X3/8S	3/8"	3/8"	2
ELHS7/16"X3/8S	7/16"	3/8"	2
ELHS1/2"X3/8S	1/2"	3/8"	3
ELHS9/16"X3/8S	9/16"	3/8"	3
ELHS5/8"X3/8S	5/8"	3/8"	3
ELHS11/16"X3/8S	11/16"	3/8"	3
ELHS3/4"X3/8S	3/4"	3/8"	3

DIAMOND FILES



PART #	SIZE	DESCRIPTION	SHAPE
DF-RT	80 MM	RECTANGLE	
DF-HR	80 MM	HALF CIRCLE	
DF-SQ	80 MM	SQUARE	
DF-TRI	80 MM	TRIANGLE	
DF-RO	80 MM	ROUND	



ELECTROPLATED HAND PADS 2" X 4"

PART #	GRIT
2" X 4"	SIZE
HP2X4-50	50
HP2X4-70	70
HP2X4-120	120
HP2X4-220	220
HP2X4-400	400
HP2X4-600	600

FLEXIBLE ELECTROPLATED TOOLS 3", 4", 5", 7"

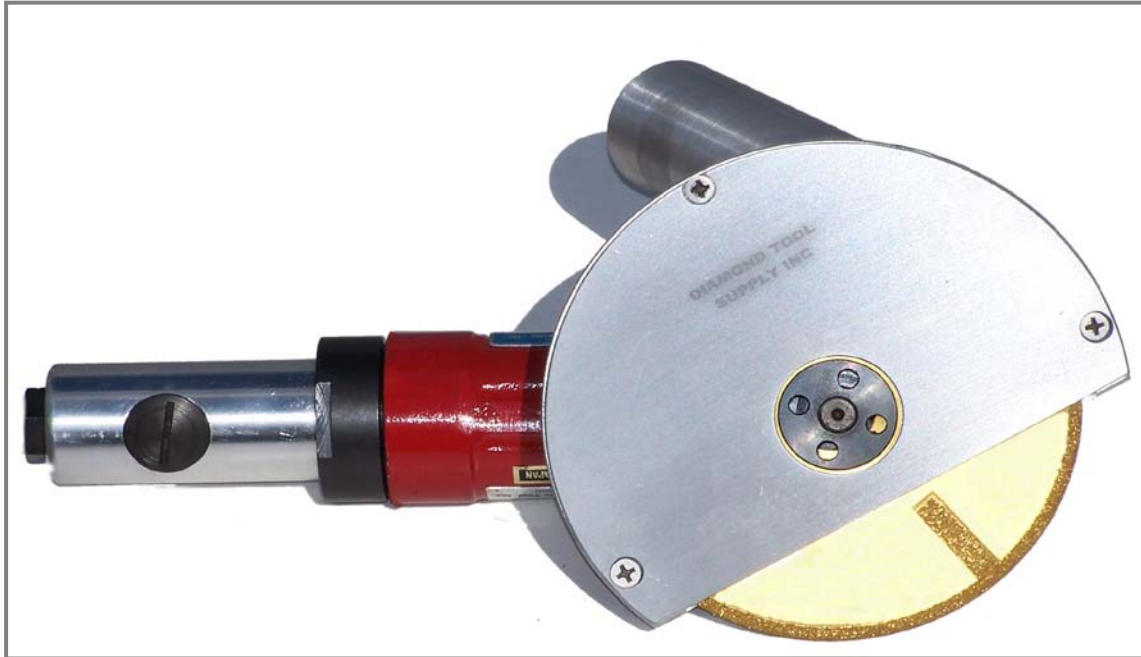
76 mm (3")	GRIT	SIZE
3x0050EP-F	50	76 mm (3")
3x0070EP-F	70	76 mm (3")
3x0120EP-F	120	76 mm (3")
3x0220EP-F	220	76 mm (3")
3x0400EP-F	400	76 mm (3")
3x0600EP-F	600	76 mm (3")
100 mm (4")		
4x0050EP-F	50	100 mm (4")
4x0070EP-F	70	100 mm (4")
4x0120EP-F	120	100 mm (4")
4x0220EP-F	220	100 mm (4")
4x0400EP-F	400	100 mm (4")
4x0600EP-F	600	100 mm (4")
125 mm (5")		
5x0050EP-F	50	125 mm (5")
5x0070EP-F	70	125 mm (5")
5x0120EP-F	120	125 mm (5")
5x0220EP-F	220	125 mm (5")
5x0400EP-F	400	125 mm (5")
5x0600EP-F	600	125 mm (5")
178 mm (7")		
7x0050EP-F	50	178 mm (7")
7x0070EP-F	70	178 mm (7")
7x0120EP-F	120	178 mm (7")
7x0220EP-F	220	178 mm (7")
7x0400EP-F	400	178 mm (7")
7x0600EP-F	600	178 mm (7")

TS5-1FB

5" PREMIUM TRIM SAW
WITH GUARD, 12,700 RPM

TS4-1FB

4" PREMIUM TRIM SAW
WITH GUARD, 12,700 RPM

**DG-9113A**

PREMIUM 1/4" DIE GRINDER
- 25,000 RPM
U.S. MADE

T-210**1/4" DIE GRINDER - 22,000 RPM**

WEIGHT - 1-1/4 LBS

1/2 H.P.

AVG AIR CONSUMPTION 4 C.F.M.

T-200**1/4" MINI DIE GRINDER - 25,000 RPM**

LENGTH 5 INCHES

1/3 H.P.

AVG AIR CONSUMPTION 3 C.F.M.

CUSTOM TOOLS



**SPECIAL ORDER
TOOLS WITH SHORT
LEAD TIMES**

