



Carbide Tools For Industry, Inc.
2008 Catalog





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www.burrs4less.com

800-854-0449 Fax 714-547-6571

CUSTOMIZED BURR KITS

CTI manufacture's specialty burr kits. Available off-the-shelf, these 1/8" miniature & 1/4" standard shank kits are configured with the most popular head styles or they can be assembled using any combination of burrs, end mills, drills etc., to meet your specific requirements.

"Private Label Packaging for Re-Sale"



CTI Carbide Tools For Industry, Inc.
 1623 S. Minnie Street, Santa Ana CA 92707-2401
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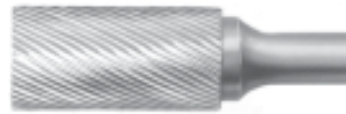
BURR INSTRUCTIONS

Please order by EDP number (Standard & Master Cuts shown throughout this catalog) and substitute letters identifying desired cut from the tables shown below by replacing the last two digits with the ones designating your Cut Type.

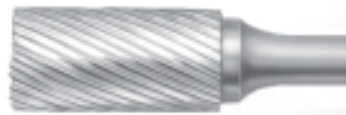
EXAMPLE: 001-03051-SC - Burr is a Standard Cut
001-03051-CD - Burr is a Coarse Diamond Cut

THE FOLLOWING CUTS ARE AVAILABLE FOR SELECTION

Fine Cut = FC
Fine Master Cut = FM
Fine Diamond Cut = FD
Fine Chipbreaker Cut = FB



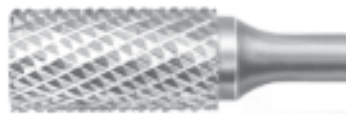
Standard Cut = SC
Standard Master Cut = SM
Standard Diamond Cut = SD
Standard Chipbreaker Cut = SB



Coarse Cut = CC
Coarse Master Cut = CM
Coarse Diamond Cut = CD
Coarse Chipbreaker Cut = CB



Master Cut
(SM is same as Double Cut)



Burr head diameters of 1/16", 3/32", 1/8", 5/32", 1/4", 3 mm and 6 mm are manufactured from solid carbide throughout. Diameters of 5/16" to 1" are brazed to 1/4" diameter heat treated steel shanks.

NOTE: Custom head diameters available..

All Shapes and Cuts available in extended length shanks.



**Made in the
USA**

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SERIES-A



Cylindrical Shape A (With No End Cut)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
001-03051-SC	001-03051-SM	SA-61	1/16"	1/4"	3/32" x 1-1/2"	L3 (3")
001-03052-SC	001-03052-SM	SA-41	1/16"	1/4"	1/8" x 1-1/2"	L3 (3")
001-04071-SC	001-04071-SM	SA-62	5/64"	5/16"	3/32" x 1-1/2"	L3 (3")
001-05092-SC	001-05092-SM	SA-42	3/32"	7/16"	1/8" x 1-1/2"	L3 (3")
001-08114-SC	001-08114-SM	SA-11	1/8"	1/2"	1/4" x 2"	L6 (6")
001-08122-SC	001-08122-SM	SA-43	1/8"	9/16"	1/8" x 1-1/2"	L3 (3")
001-10081-SC	001-10081-SM	SA-63	3/32"	3/8"	3/32" x 1-1/2"	L3 (3")
001-10112-SC	001-10112-SM	SA-52	5/32"	1/2"	1/8" x 1-1/2"	L3 (3")
001-10144-SC	001-10144-SM	SA-13	5/32"	5/8"	1/4" x 2"	L6 (6")
001-12112-SC	001-12112-SM	SA-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
001-12143-SC	001-12143-SM	SA-81	3/16"	5/8"	3/16" x 2"	L6 (6")
001-12144-SC	001-12144-SM	SA-14	3/16"	5/8"	1/4" x 2"	L6 (3")
001-17032-SC	001-17032-SM	SA-50	1/4"	3/16"	1/8" x 1-1/2"	L3 (3")
001-17033-SC	001-17033-SM	SA-56	1/4"	3/16"	3/16" x 2"	L6 (6")
001-17112-SC	001-17112-SM	SA-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
001-17113-SC	001-17113-SM	SA-57	1/4"	1/2"	3/16" x 2"	L6 (6")
001-17144-SC	001-17144-SM	SA-1	1/4"	5/8"	1/4" x 2"	L6 (6")
001-17204-SC	001-17204-SM	SA-1A	1/4"	1"	1/4" x 2"	L6 (6")
001-21164-SC	001-21164-SM	SA-2	5/16"	3/4"	1/4" x 2"	L6 (6")
001-26164-SC	001-26164-SM	SA-3	3/8"	3/4"	1/4" x 2"	L6 (6")
001-26264-SC	001-26264-SM	SA-3A	3/8"	1"	1/4" x 2"	L6 (6")
001-30204-SC	001-30204-SM	SA-4	7/16"	1"	1/4" x 2"	L6 (6")
001-34204-SC	001-34204-SM	SA-5	1/2"	1"	1/4" x 2"	L6 (6")
001-42204-SC	001-42204-SM	SA-6	5/8"	1"	1/4" x 2"	L6 (6")
001-50114-SC	001-50114-SM	SA-15	3/4"	1/2"	1/4" x 2"	L6 (6")
001-50164-SC	001-50164-SM	SA-16	3/4"	3/4"	1/4" x 2"	L6 (6")
001-50204-SC	001-50204-SM	SA-7	3/4"	1"	1/4" x 2"	L6 (6")
001-66204-SC	001-66204-SM	SA-9	1"	1"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

. Extended Length Shafts are available on Page # 16-17

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SERIES-B



Cylindrical Shape B (With End Cut)

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EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
101-03051-SC	101-03051-SM	SB-61	1/16"	1/4"	3/32" x 1-1/2"	L3 (3")
101-03052-SC	101-03052-SM	SB-41	1/16"	1/4"	1/8" x 1-1/2"	L3 (3")
101-04071-SC	101-04071-SM	SB-62	5/64"	5/16"	3/32" x 1-1/2"	L3 (3")
101-05092-SC	101-05092-SM	SB-42	3/32"	7/16"	1/8" x 1-1/2"	L3 (3")
101-08114-SC	101-08114-SM	SB-11	1/8"	1/2"	1/4" x 2"	L6 (6")
101-08122-SC	101-08122-SM	SB-43	1/8"	9/16"	1/8" x 1-1/2"	L3 (3")
101-10081-SC	101-10081-SM	SB-63	3/32"	3/8"	3/32" x 1-1/2"	L3 (3")
101-10112-SC	101-10112-SM	SB-52	5/32"	1/2"	1/8" x 1-1/2"	L3 (3")
101-10144-SC	101-10144-SM	SB-13	5/32"	5/8"	1/4" x 2"	L6 (6")
101-12112-SC	101-12112-SM	SB-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
101-12143-SC	101-12143-SM	SB-81	3/16"	5/8"	3/16" x 2"	L6 (6")
101-12144-SC	101-12144-SM	SB-14	3/16"	5/8"	1/4" x 2"	L6 (3")
101-17032-SC	101-17032-SM	SB-50	1/4"	3/16"	1/8" x 1-1/2"	L3 (3")
101-17033-SC	101-17033-SM	SB-56	1/4"	3/16"	3/16" x 2"	L6 (6")
101-17112-SC	101-17112-SM	SB-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
101-17113-SC	101-17113-SM	SB-57	1/4"	1/2"	3/16" x 2"	L6 (6")
101-17144-SC	101-17144-SM	SB-1	1/4"	5/8"	1/4" x 2"	L6 (6")
101-17204-SC	101-17204-SM	SB-1A	1/4"	1"	1/4" x 2"	L6 (6")
101-21164-SC	101-21164-SM	SB-2	5/16"	3/4"	1/4" x 2"	L6 (6")
101-26164-SC	101-26164-SM	SB-3	3/8"	3/4"	1/4" x 2"	L6 (6")
101-26264-SC	101-26264-SM	SB-3A	3/8"	1"	1/4" x 2"	L6 (6")
101-30204-SC	101-30204-SM	SB-4	7/16"	1"	1/4" x 2"	L6 (6")
101-34204-SC	101-34204-SM	SB-5	1/2"	1"	1/4" x 2"	L6 (6")
101-42204-SC	101-42204-SM	SB-6	5/8"	1"	1/4" x 2"	L6 (6")
101-50114-SC	101-50114-SM	SB-15	3/4"	1/2"	1/4" x 2"	L6 (6")
101-50164-SC	101-50164-SM	SB-16	3/4"	3/4"	1/4" x 2"	L6 (6")
101-50204-SC	101-50204-SM	SB-7	3/4"	1"	1/4" x 2"	L6 (6")
101-66204-SC	101-66204-SM	SB-9	1"	1"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

. Extended Length Shafts are available on Page # 16-17

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SERIES-C



Cylindrical Shape C (With Radius End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
102-05081-SC	102-05081-SM	SC-61	3/32"	3/8"	3/32" x 1-1/2"	L3 (3")
102-05092-SC	102-05092-SM	SC-41	3/32"	7/16"	1/8" x 1-1/2"	L3 (3")
102-08114-SC	102-08114-SM	SC-11	1/8"	1/2"	1/4" x 2"	L6 (6")
102-08122-SC	102-08122-SM	SC-42	1/8"	9/16"	1/8" x 1-1/2"	L3 (3")
102-10112-SC	102-10112-SM	SC-54	5/32"	1/2"	1/8" x 1-1/2"	L3 (3")
102-10144-SC	102-10144-SM	SC-13	5/32"	5/8"	1/4" x 2"	L6 (6")
102-12112-SC	102-12112-SM	SC-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
102-12143-SC	102-12143-SM	SC-81	3/16"	5/8"	3/16" x 2"	L6 (6")
102-12144-SC	102-12144-SM	SC-14	3/16"	5/8"	1/4" x 2"	L6 (3")
102-17112-SC	102-17112-SM	SC-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
102-17113-SC	102-17113-SM	SC-52	1/4"	1/2"	3/16" x 2"	L6 (6")
102-17144-SC	102-17144-SM	SC-1	1/4"	5/8"	1/4" x 2"	L6 (6")
102-17204-SC	102-17204-SM	SC-1A	1/4"	1"	1/4" x 2"	L6 (6")
102-21164-SC	102-21164-SM	SC-2	5/16"	3/4"	1/4" x 2"	L6 (6")
102-26164-SC	102-26164-SM	SC-3	3/8"	3/4"	1/4" x 2"	L6 (6")
102-26204-SC	102-26204-SM	SC-3A	3/8"	1"	1/4" x 2"	L6 (6")
102-30204-SC	102-30204-SM	SC-4	7/16"	1"	1/4" x 2"	L6 (6")
102-34204-SC	102-34204-SM	SC-5	1/2"	1"	1/4" x 2"	L6 (6")
102-42204-SC	102-42204-SM	SC-6	5/8"	1"	1/4" x 2"	L6 (6")
102-50204-SC	102-50204-SM	SC-7	3/4"	1"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

. Extended Length Shafts are available on Page # 16-17

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SERIES-D



Ball Shape D

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
103-05001-SC	103-05001-SM	SD-61	3/32"	3/32"	3/32" x 1-1/2"	L3 (3")
103-05002-SC	103-05002-SM	SD-41	3/32"	3/32"	1/8" x 1-1/2"	L3 (3")
103-08012-SC	103-08012-SM	SD-42	1/8"	1/8"	1/8" x 1-1/2"	L3 (3")
103-08014-SC	103-08014-SM	SD-11	1/8"	1/8"	1/4" x 2"	L6 (6")
103-12032-SC	103-12032-SM	SD-53	3/16"	3/16"	1/8" x 1-1/2"	L3 (3")
103-12033-SC	103-12033-SM	SD-81	3/16"	3/16"	3/16" x 2"	L6 (6")
103-12034-SC	103-12034-SM	SD-14	3/16"	3/16"	1/4" x 2"	L6 (3")
103-17052-SC	103-17052-SM	SD-51	1/4"	1/4"	1/8" x 1-1/2"	L3 (3")
103-17053-SC	103-17053-SM	SD-52	1/4"	1/4"	3/16" x 2"	L6 (6")
103-17054-SC	103-17054-SM	SD-1	1/4"	1/4"	1/4" x 2"	L6 (6")
103-21074-SC	103-21074-SM	SD-2	5/16"	5/16"	1/4" x 2"	L6 (6")
103-26084-SC	103-26084-SM	SD-3	3/8"	3/8"	1/4" x 2"	L6 (6")
103-30094-SC	103-30094-SM	SD-4	7/16"	7/16"	1/4" x 2"	L6 (6")
103-34114-SC	103-34114-SM	SD-5	1/2"	1/2"	1/4" x 2"	L6 (6")
103-42144-SC	103-42144-SM	SD-6	5/8"	5/8"	1/4" x 2"	L6 (6")
103-50164-SC	103-50164-SM	SD-7	3/4"	3/4"	1/4" x 2"	L6 (6")
103-66204-SC	103-66204-SM	SD-9	1"	1"	1/4" x 2"	L6 (6")

SERIES-E



Oval Shape E

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
104-08042-SC	104-08042-SM	SE-41	1/8"	7/32"	1/8" x 1-1/2"	L3 (3")
104-12062-SC	104-12062-SM	SE-53	3/16"	9/32"	1/8" x 1-1/2"	L3 (3")
104-12063-SC	104-12063-SM	SE-81	3/16"	9/32"	3/16" x 2"	L6 (6")
104-17082-SC	104-17082-SM	SE-51	1/4"	3/8"	1/8" x 1-1/2"	L3 (3")
104-17083-SC	104-17083-SM	SE-52	1/4"	3/8"	3/16" x 2"	L6 (6")
104-17084-SC	104-17084-SM	SE-1	1/4"	3/8"	1/4" x 2"	L6 (6")
104-26144-SC	104-26144-SM	SE-3	3/8"	5/8"	1/4" x 2"	L6 (6")
104-34184-SC	104-34184-SM	SE-5	1/2"	7/8"	1/4" x 2"	L6 (6")
104-42204-SC	104-42204-SM	SE-6	5/8"	1"	1/4" x 2"	L6 (6")
104-50204-SC	104-50204-SM	SE-7	3/4"	1"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

. Extended Length Shafts are available on Page # 16-17

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SERIES-F



Tree Shape F (With Radius End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
105-08052-SC	105-08052-SM	SF-41	1/8"	1/4"	1/8" x 1-1/2"	L3 (3")
105-08112-SC	105-08112-SM	SF-42	1/8"	1/2"	1/8" x 1-1/2"	L3 (3")
105-08114-SC	105-08114-SM	SF-11	1/8"	1/2"	1/4" x 2"	L6 (6")
105-12112-SC	105-12112-SM	SF-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
105-12113-SC	105-12113-SM	SF-81	3/16"	1/2"	3/16" x 2"	L6 (6")
105-17112-SC	105-17112-SM	SF-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
105-17113-SC	105-17113-SM	SF-52	1/4"	1/2"	3/16" x 2"	L6 (6")
105-17144-SC	105-17144-SM	SF-1	1/4"	5/8"	1/4" x 2"	L6 (6")
105-26164-SC	105-26164-SM	SF-3	3/8"	3/4"	1/4" x 2"	L6 (6")
105-30204-SC	105-30204-SM	SF-4	7/16"	1"	1/4" x 2"	L6 (6")
105-34164-SC	105-34164-SM	SF-13	1/2"	3/4"	1/4" x 2"	L6 (6")
105-34204-SC	105-34204-SM	SF-5	1/2"	1"	1/4" x 2"	L6 (6")
105-42204-SC	105-42204-SM	SF-6	5/8"	1"	1/4" x 2"	L6 (6")
105-50204-SC	105-50204-SM	SF-7	3/4"	1"	1/4" x 2"	L6 (6")
105-50234-SC	105-50234-SM	SF-14	3/8"	1-1/4"	1/4" x 2"	L6 (6")
105-50274-SC	105-50274-SM	SF-15	3/4"	1-1/2"	1/4" x 2"	L6 (6")

SERIES-H



Flame Shape H (* Pointed End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
108-08052-SC	108-08052-SM	SH-41*	1/8"	1/4"	1/8" x 1-1/2"	L3 (3")
108-12082-SC	108-12082-SM	SH-53*	3/16"	3/8"	1/8" x 1-1/2"	L3 (3")
108-12083-SC	108-12083-SM	SH-81*	3/16"	3/8"	3/16" x 2"	L6 (6")
108-21164-SC	108-21164-SM	SH-2	5/16"	3/4"	1/4" x 2"	L6 (6")
108-34234-SC	108-34234-SM	SH-5	1/2"	1-1/4"	1/4" x 2"	L6 (6")
108-42264-SC	108-42264-SM	SH-6	5/8"	1-7/16"	1/4" x 2"	L6 (6")
108-50284-SC	108-50284-SM	SH-7	3/4"	1-5/8"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

. Extended Length Shafts are available on Page # 16-17

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SERIES-G



Tree Shape G (With Pointed End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
106-08052-SC	106-08052-SM	SG-41	1/8"	1/4"	1/8" x 1-1/2"	L3 (3")
106-08072-SC	106-08072-SM	SG-44	1/8"	5/16"	1/8" x 1-1/2"	L3 (3")
106-08082-SC	106-08082-SM	SG-43	1/8"	3/8"	1/8" x 2"	L3 (3")
106-12112-SC	106-12112-SM	SG-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
106-12113-SC	106-12113-SM	SG-81	3/16"	1/2"	3/16" x 2"	L6 (6")
106-17112-SC	106-17112-SM	SG-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
106-17113-SC	106-17113-SM	SG-52	1/4"	1/2"	3/16" x 2"	L6 (6")
106-17144-SC	106-17144-SM	SG-1	1/4"	5/8"	1/4" x 2"	L6 (6")
106-21164-SC	106-21164-SM	SG-2	5/16"	3/4"	1/4" x 2"	L6 (6")
106-26164-SC	106-26164-SM	SG-3	3/8"	3/4"	1/4" x 2"	L6 (6")
106-34164-SC	106-34164-SM	SG-13	1/2"	3/4"	1/4" x 2"	L6 (6")
106-34204-SC	106-34204-SM	SG-5	1/2"	1"	1/4" x 2"	L6 (6")
106-42204-SC	106-42204-SM	SG-6	5/8"	1"	1/4" x 2"	L6 (6")
106-50204-SC	106-50204-SM	SG-7	3/4"	1"	1/4" x 2"	L6 (6")
106-50274-SC	106-50274-SM	SG-15	3/4"	1-1/2"	1/4" x 2"	L6 (6")

SERIES-J



Taper Shape J (60° Angle)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
109-08002-SC	109-08002-SM	SJ-42	1/8"	3/32"	1/8" x 1-1/2"	L3 (3")
109-12043-SC	109-12043-SM	SJ-81	3/16"	7/32"	3/16" x 2"	L6 (6")
109-17034-SC	109-17034-SM	SJ-1	1/4"	3/16"	1/4" x 2"	L6 (6")
109-26054-SC	109-26054-SM	SJ-3	3/8"	1/4"	1/4" x 2"	L6 (6")
109-34094-SC	109-34094-SM	SJ-5	1/2"	7/16"	1/4" x 2"	L6 (6")
109-42114-SC	109-42114-SM	SJ-6	5/8"	1/2"	1/4" x 2"	L6 (6")
109-50144-SC	109-50144-SM	SJ-7	3/4"	5/8"	1/4" x 2"	L6 (6")
109-66164-SC	109-66164-SM	SJ-9	1"	3/4"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

. Extended Length Shafts are available on Page # 16-17

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SERIES-K



Taper Shape K (With 90° Angle)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
110-08002-SC	110-08002-SM	SK-42	1/8"	1/8"	1/8" x 1-1/2"	L3 (3")
110-12023-SC	110-12023-SM	SK-81	3/16"	5/32"	3/16" x 2"	L6 (6")
110-17014-SC	110-17014-SM	SK-1	1/4"	1/8"	1/4" x 2"	L6 (6")
110-26034-SC	110-26034-SM	SK-3	3/8"	3/16"	1/4" x 2"	L6 (6")
110-34054-SC	110-34054-SM	SK-5	1/2"	1/4"	1/4" x 2"	L6 (6")
110-42074-SC	110-42074-SM	SK-6	5/8"	5/16"	1/4" x 2"	L6 (6")
110-50084-SC	110-50084-SM	SK-7	3/4"	3/8"	1/4" x 2"	L6 (6")
110-66114-SC	110-66114-SM	SK-9	1"	1/2"	1/4" x 2"	L6 (6")

SERIES-L



Taper Shape L (With 14° Angle)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
113-08082-SC	113-08082-SM	SL-41	1/8"	3/8"	1/8" x 1-1/2"	L3 (3")
113-08112-SC	113-08112-SM	SL-42	1/8"	1/2"	1/8" x 1-1/2"	L3 (3")
113-12112-SC	113-12112-SM	SL-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
113-12113-SC	113-12113-SM	SL-81	3/16"	1/2"	3/16" X 2"	L6 (6")
113-17144-SC	113-17144-SM	SL-1	1/4"	5/8"	1/4" x 2"	L6 (6")
113-21184-SC	113-21184-SM	SL-2	5/16"	7/8"	1/4" x 2"	L6 (6")
113-26214-SC	113-26214-SM	SL-3	3/8"	1-1/6"	1/4" x 2"	L6 (6")
113-34224-SC	113-34224-SM	SL-4	1/2"	1-1/8"	1/4" x 2"	L6 (6")
113-42254-SC	113-42254-SM	SL-5	5/8"	1-5/16"	1/4" x 2"	L6 (6")
113-50274-SC	113-50274-SM	SL-7	3/4"	1-1/2"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

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SERIES-M



Taper Shape M

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	TOOL NUMBER / Angle degrees	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
107-05071-SC	107-05071-SM	SM-61 / 10	3/32"	5/16"	3/32" x 1-1/2"	L3 (3")
107-08082-SC	107-08082-SM	SM-41 / 12	1/8"	3/8"	1/8" x 1-1/2"	L3 (3")
107-08092-SC	107-08092-SM	SM-42 / 14	1/8"	7/16"	1/8" x 1-1/2"	L3 (3")
107-08142-SC	107-08142-SM	SM-43 / 7	1/8"	5/8"	1/8" x 1-1/2"	L3 (3")
107-12112-SC	107-12112-SM	SM-53 / 16	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
107-12143-SC	107-12143-SM	SM-81 / 12	3/16"	5/8"	3/16" x 2"	L6 (6")
107-17112-SC	107-17112-SM	SM-51 / 22	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
107-17113-SC	107-17113-SM	SM-52 / 22	1/4"	1/2"	3/16" x 2"	L6 (6")
107-17114-SC	107-17114-SM	SM-1 / 22	1/4"	1/2"	1/4" x 2"	L6 (6")
107-17164-SC	107-17164-SM	SM-2 / 14	1/4"	3/4"	1/4" x 2"	L6 (6")
107-17204-SC	107-17204-SM	SM-3 / 10	1/4"	1"	1/4" x 2"	L6 (6")
107-26144-SC	107-26144-SM	SM-4 / 28	3/8"	5/8"	1/4" x 2"	L6 (6")
107-34184-SC	107-34184-SM	SM-5 / 28	1/2"	7/8"	1/4" x 2"	L6 (6")
107-42204-SC	105-42204-SM	SM-6 / 31	5/8"	1"	1/4" x 2"	L6 (6")

SERIES-N



Inverted Taper Shape N

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	TOOL NUMBER / Angle degrees	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
112-05011-SC	112-05011-SM	SN-61 / 10	3/32"	1/8"	3/32" x 1-1/2"	L3 (3")
112-05012-SC	112-05012-SM	SN-41 / 10	3/32"	1/8"	1/8" x 1-1/2"	L3 (3")
112-08032-SC	112-08032-SM	SN-42 / 10	1/8"	3/16"	1/8" x 1-1/2"	L3 (3")
112-12052-SC	112-12052-SM	SN-53 / 10	3/16"	1/4"	1/8" x 1-1/2"	L3 (3")
112-12053-SC	112-12053-SM	SN-81 / 10	3/16"	1/4"	3/16" x 2"	L6 (6")
112-17052-SC	112-17052-SM	SN-51 / 10	1/4"	1/4"	1/8" x 1-1/2"	L3 (3")
112-17053-SC	112-17053-SM	SN-55 / 10	1/4"	1/4"	3/16" x 2"	L6 (6")
112-17074-SC	112-17074-SM	SN-1 / 10	1/4"	5/16"	1/4" x 2"	L6 (6")
112-17082-SC	112-17082-SM	SN-3 / 28	3/8"	3/8"	1/4" x 2"	L6 (6")
112-34114-SC	112-34114-SM	SN-4 / 28	1/2"	1/2"	1/4" x 2"	L6 (6")
112-42164-SC	112-42164-SM	SN-6 / 28	5/8"	3/4"	1/4" x 2"	L6 (6")
112-50144-SC	112-50144-SM	SN-7 / 30	3/4"	5/8"	1/4" x 2"	L6 (6")

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

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BURR HEAD SHAPES	EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length **.*
	001-03052-SC	001-03052-SM	SA-41	1/16"	1/4"	1/8" x 1-1/2"	N/A
	001-05092-SC	001-05092-SM	SA-42	3/32"	7/16"	1/8" x 1-1/2"	L3 (3")
	001-08122-SC	001-08122-SM	SA-43	1/8"	9/16"	1/8" x 1-1/2"	L3 (3")
	001-12112-SC	001-12112-SM	SA-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
	001-17112-SC	001-17112-SM	SA-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
	101-03052-SC	101-03052-SM	SB-41	1/16"	1/4"	1/8" x 1-1/2"	N/A
	101-12112-SC	101-12112-SM	SB-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
	101-17112-SC	101-17112-SM	SB-51	1/4"	1/2"	1/8" x 1-1/2"	N/A
	102-03052-SC	102-03052-SM	SC-41	3/32"	7/16"	1/8" x 1-1/2"	L3 (3")
	102-08122-SC	102-08122-SM	SC-42	1/8"	9/16"	1/8" x 1-1/2"	L3 (3")
	102-12112-SC	102-12112-SM	SC-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
	102-17112-SC	101-17112-SM	SC-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
	103-05002-SC	103-05002-SM	SD-41	3/32"	3/32"	1/8" x 1-1/2"	N/A
	103-08012-SC	103-08012-SM	SD-42	1/8"	1/8"	1/8" x 1-1/2"	L3 (3")
	103-12052-SC	103-12052-SM	SD-53	3/16"	3/16"	1/8" x 1-1/2"	L3 (3")
	103-17032-SC	103-17032-SM	SD-51	1/4"	1/4"	1/8" x 1-1/2"	N/A
	104-08042-SC	104-08042-SM	SE-41	1/8"	7/32"	1/8" x 1-1/2"	L3 (3")
	104-12062-SC	104-12062-SM	SE-53	3/16"	9/32"	1/8" x 1-1/2"	L3 (3")
	104-17082-SC	104-17082-SC	SE-51	1/4"	3/8"	1/8" x 1-1/2"	L3 (3")
	105-08052-SC	105-08052-SM	SF-41	1/8"	1/4"	1/8" x 1-1/2"	N/A
	105-08112-SC	105-08112-SM	SF-42	1/8"	1/2"	1/8" x 1-1/2"	L3 (3")
	105-12112-SC	105-12112-SM	SF-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
	105-17112-SC	105-17112-SM	SF-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")

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BURR HEAD SHAPES	EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Extended Length *.*
	106-08052-SC	106-08052-SM	SG-41	1/8"	1/4"	1/8" x 1-1/2"	N/A
	106-08072-SC	106-08072-SM	SG-43	1/8"	3/8"	1/8" x 1-1/2"	L3 (3")
	106-08082-SC	106-08082-SM	SG-44	1/8"	5/16"	1/8" x 1-1/2"	N/A
	106-12112-SC	106-12112-SM	SG-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
	106-17112-SC	106-17112-SM	SG-51	1/4"	1/2"	1/8" x 1-1/2"	L3 (3")
	108-08052-SC	108-08-052-SM	SH-41*	1/8"	1/4"	1/8" x 1-1/2"	L3 (3")
	108-12082-SC	108-12082-SM	SH-53*	3/16"	3/8"	1/8" x 1-1/2"	L3 (3")
	109-08002-SC	109-08002-SM	SJ-42	1/8"	3/32"	1/8" x 1-1/2"	N/A
	110-08002-SC	110-08002-SM	SK-42	1/8"	1/8"	1/8" x 1-1/2"	N/A
	113-08082-SC	113-08082-SM	SL-41	1/8"	3/8"	1/8" x 1-1/2"	N/A
	113-08112-SC	113-08112-SM	SL-42	1/8"	1/2"	1/8" x 1-1/2"	L3 (3")
	107-08082-SC	107-08082-SM	SM-41	1/8"	3/8"	1/8" x 1-1/2"	N/A
	107-08092-SC	107-08092-SM	SM-42	1/8"	7/16"	1/8" x 1-1/2"	N/A
	107-08142-SC	107-08142-SM	SM-43	1/8"	5/8"	1/8" x 1-1/2"	N/A
	107-12112-SC	107-12112-SM	SM-53	3/16"	1/2"	1/8" x 1-1/2"	L3 (3")
	107-17112-SC	107-17112-SM	SM-51	1/4"	1/2"	1/8" x 1-1/2"	N/A
	112-05012-SC	112-05012-SM	SN-41	3/32"	1/8"	1/8" x 1-1/2"	N/A
	112-08114-SC	112-08114-SM	SN-42	1/8"	3/16"	1/8" x 1-1/2"	N/A
	112-12052-SC	112-12052-SM	SN-53	3/16"	1/4"	1/8" x 1-1/2"	L3 (3")
	112-17112-SC	112-17112-SM	SN-51	1/4"	1/4"	1/8" x 1-1/2"	N/A

* Burrs Shown with Standard or Master Cut, are available with all other cut types...

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ALUMA CUT BURRS



Cylindrical Shape A (With No End Cut)

EDP NUMBER Standard Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
114-26164-AC	SA-103	3/8"	3/4"	1/4" x 2"
114-34204-AC	SA-105	1/2"	1"	1/4" x 2"
114-42004-AC	SA-106	5/8"	1"	1/4" x 2"



Cylindrical Shape C (With Radius End)

EDP NUMBER Standard Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
115-26164-AC	SC-103	3/8"	3/4"	1/4" x 2"
115-34204-AC	SC-105	1/2"	1"	1/4" x 2"
115-42204-AC	SC-106	5/8"	1"	1/4" x 2"



Ball Shape D

EDP NUMBER Standard Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
116-26084-AC	SD-103	3/8"	3/8"	1/4" x 2"
116-34114-AC	SD-105	1/2"	1/2"	1/4" x 2"
116-42144-AC	SD-106	5/8"	5/8"	1/4" x 2"



* Aluma Cut Burrs, are available with Longer Shanks...
 . Extended Length Shafts are available on Page # 16-17

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ALUMA CUT BURRS



Oval Shape E (With Radius End)

EDP NUMBER Standard Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
117-26144-AC	SE-103	3/8"	5/8"	1/4" x 2"
117-34184-AC	SE-105	1/2"	7/8"	1/4" x 2"
117-42204-AC	SE-106	5/8"	1"	1/4" x 2"



Tree Shape F (With Radius End)

EDP NUMBER Standard Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
118-26164-AC	SF-103	3/8"	3/4"	1/4" x 2"
118-34204-AC	SF-105	1/2"	1"	1/4" x 2"
118-42204-AC	SF-106	5/8"	1"	1/4" x 2"



Taper Shape L (14° Angle)

EDP NUMBER Standard cut	Tool Number	Head Dia.	Length of Cut	ShankDia. by Length
119-26214-AC	SL-103	3/8"	1-1/16"	1/4"x2"
119-34224-AC	SL-104	1/2"	1-1/8"	1/4"x2"
119-42254-AC	SL-106	5/8"	1-15/16"	1/4"x2"



* Aluma Cut Burrs, are available with Longer Shanks...
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EXTENDED SHANK BURRS



Cylindrical Shape A (With End Not Cut)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
002-08122-SC	002-08122-SM	SA-43L3	1/8"	1/2"	1/8" x 3"
002-17144-SC	002-17144-SM	SA-1L6	1/4"	5/8"	1/4" x 6-3/4"
002-26164-SC	002-26164-SM	SA-3L6	3/8"	3/4"	1/4" x 6-3/4"
002-34204-SC	002-34204-SM	SA-5L6	1/2"	1"	1/4" x 7"



Cylindrical Shape C (With Radius End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
003-08122-SC	003-08122-SM	SC-42L3	1/8"	9/16"	1/8" x 3"
003-17144-SC	003-17144-SM	SC-1L6	1/4"	5/8"	1/4" x 6-3/4"
003-26164-SC	003-26164-SM	SC-3L6	3/8"	3/4"	1/4" x 6-3/4"
003-34204-SC	003-34204-SM	SC-5L6	1/2"	1"	1/4" x 7"



Ball Shape D

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
004-08012-SC	004-08012-SM	SD-42L3	1/8"	1/8"	1/8" x 3"
004-17054-SC	004-17054-SM	SD-1L6	1/4"	1/4"	1/4" x 6-1/4"
004-26084-SC	004-26084-SM	SD-3L6	3/8"	3/8"	1/4" x 6-1/8"
004-34114-SC	004-34114-SM	SD-5L6	1/2"	1/2"	1/4" x 6-1/2"



Oval Shape E

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
005-08042-SC	005-08042-SM	SE-41L3	1/8"	7/32"	1/8" x 3"
005-17084-SC	005-17084-SM	SE-1L6	1/4"	3/8"	1/4" x 6-3/8"
005-26144-SC	005-26144-SM	SE-3L6	3/8"	5/8"	1/4" x 6-3/4"
005-34184-SC	005-34184-SM	SE-5L6	1/2"	7/8"	1/4" x 6-7/8"

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EXTENDED SHANK BURRS



Tree Shape F (With Radius End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
006-08112-SC	006-08112-SM	SF-42L3	1/8"	1/2"	1/8" x 3"
006-17144-SC	006-17144-SM	SF-1L6	1/4"	5/8"	1/4" x 6-3/4"
006-26164-SC	006-26164-SM	SF-3L6	3/8"	3/4"	1/4" x 6-3/4"
006-34204-SC	006-34204-SM	SF-5L6	1/2"	1"	1/4" x 7"



Tree Shape G (With Pointed End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
007-08082-SC	007-08082-SM	SG-43L3	1/8"	3/8"	1/8" x 3"
007-17144-SC	007-17144-SM	SG-1L6	1/4"	5/8"	1/4" x 6-3/4"
007-26164-SC	007-26164-SM	SG-3L6	3/8"	3/4"	1/4" x 6-3/4"
007-34204-SC	007-34204-SM	SG-5L6	1/2"	1"	1/4" x 7"



Flame Shape H (With *Pointed End)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
009-08052-SC	009-08052-SM	SH-41*L3	1/8"	1/4"	1/8" x 3"
009-21164-SC	009-21164-SM	SH-2L6	5/16"	3/4"	1/4" x 6-3/4"
009-34234-SC	009-34234-SM	SH-5L6	1/2"	1-1/4"	1/4" x 7-1/4"



Taper Shape L (With 14° Included Angle)

EDP NUMBER Standard Cut	EDP NUMBER Master Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length
008-08112-SC	008-08112-SM	SL-42L3	1/8"	1/2"	1/8" x 3"
008-17144-SC	008-17144-SM	SL-1L6	1/4"	5/8"	1/4" x 6-3/4"
008-26214-SC	008-26214-SM	SL-3L6	3/8"	1-1/16"	1/4" x 7-1/16"
008-34224-SC	008-34224-SM	SL-4L6	1/2"	1-1/8"	1/4" x 7-1/8"

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FIBERGASS ROUTERS



Diamond Cut Style A (With No End Cut)

EDP NUMBER Double Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Overall Length
300-30010-SA	1-PR	1/16"	3/16"	1/16" x 13/16"	1"
300-30020-SA	2-PR	1/8"	1/2"	1/8" x 1"	1-1/2"
300-30030-SA	3-PR	3/16"	5/8"	1/4" x 1-11/16"	2"
300-30040-SA	4-PR	1/4"	3/4"	1/4" x 1-3/4"	2-1/2"
300-30050-SA	5-PR	5/16"	1"	5/16" x 1-1/2"	2-1/2"
300-30060-SA	6-PR	3/8"	1"	3/8" x 1-1/2"	2-1/2"
300-30070-SA	7-PR	1/2"	1"	1/2" x 2"	3"



Diamond Cut Style B (With Burr End Cut)

EDP NUMBER Double Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Overall Length
300-30010-SB	1-PR	1/16"	3/16"	1/16" x 13/16"	1"
300-30020-SB	2-PR	1/8"	1/2"	1/8" x 1"	1-1/2"
300-30030-SB	3-PR	3/16"	5/8"	1/4" x 1-11/16"	2"
300-30040-SB	4-PR	1/4"	3/4"	1/4" x 1-3/4"	2-1/2"
300-30050-SB	5-PR	5/16"	1"	5/16" x 1-1/2"	2-1/2"
300-30060-SB	6-PR	3/8"	1"	3/8" x 1-1/2"	2-1/2"
300-30070-SB	7-PR	1/2"	1"	1/2" x 2"	3"

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Diamond Cut Style C (With End Mill, End Cut)

EDP NUMBER Double Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Overall Length
300-30010-SC	1-PR	1/16"	3/16"	1/16" x 13/16"	1"
300-30020-SC	2-PR	1/8"	1/2"	1/8" x 1"	1-1/2"
300-30030-SC	3-PR	3/16"	5/8"	1/4" x 1-11/16"	2"
300-30040-SC	4-PR	1/4"	3/4"	1/4" x 1-3/4"	2-1/2"
300-30050-SC	5-PR	5/16"	1"	5/16" x 1-1/2"	2-1/2"
300-30060-SC	6-PR	3/8"	1"	3/8" x 1-1/2"	2-1/2"
300-30070-SC	7-PR	1/2"	1"	1/2" x 2"	3"



Diamond Cut Style D (With 135° Drill Point)

EDP NUMBER Double Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Length	Overall Length
300-30010-SD	1-PR	1/16"	3/16"	1/16" x 13/16"	1"
300-30020-SD	2-PR	1/8"	1/2"	1/8" x 1"	1-1/2"
300-30030-SD	3-PR	3/16"	5/8"	1/4" x 1-11/16"	2"
300-30040-SD	4-PR	1/4"	3/4"	1/4" x 1-3/4"	2-1/2"
300-30050-SD	5-PR	5/16"	1"	5/16" x 1-1/2"	2-1/2"
300-30060-SD	6-PR	3/8"	1"	3/8" x 1-1/2"	2-1/2"
300-30070-SD	7-PR	1/2"	1"	1/2" x 2"	3"

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4-Flute Single End Center Cut



Series 700

EDP NUMBER 4-Flute Center Cut Series # 700	EDP NUMBER 4-Flute Ballnose Series # 751	Head Dia.	Length of Cut	Shank Dia. by Overall Length
120-03030-S4	121-03030-B4	1/16"	3/8"	1/8" x 1-1/2"
120-05080-S4	121-05080-B4	3/32"	3/8"	3/32" x 1-1/2"
120-08110-S4	121-08110-B4	1/8"	1/2"	1/8" x 1-1/2"
120-10121-S4	121-10121-B4	5/32"	9/16"	3/16" x 2"
120-12141-S4	121-12141-B4	3/16"	5/8"	3/16" x 2"
120-14142-S4	121-14142-B4	7/32"	5/8"	1/4" x 2-1/2"
120-17162-S4	121-17162-B4	1/4"	3/4"	1/4" x 2-1/2"
120-19162-S4	121-19162-B4	9/32"	3/4"	5/16" x 2-1/2"
120-21172-S4	121-21172-B4	5/16"	13/16"	5/16" x 2-1/2"
120-26182-S4	121-26182-B4	3/8"	7/8"	3/8" x 2-1/2"
120-30182-S4	121-30182-B4	7/16"	7/8"	7/16" x 2-1/2"
120-34203-S4	121-34203-B4	1/2"	1"	1/2" x 3"
120-38237-S4	121-38237-B4	9/16"	1-1/4"	9/16" x 3-1/2"
120-42278-S4	121-42278-B4	5/8"	1-1/2"	5/8" x 4"
120-46278-S4	121-46278-B4	11/16"	1-1/2"	3/4" x 4"
120-50278-S4	121-50278-B4	3/4"	1-1/2"	3/4" x 4"
120-66278-S4	121-66278-B4	1"	1-1/2"	1" x 4"

4-Flute Single End Ballnose



Series 751

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2-Flute Single End Center Cut



Series 1000

EDP NUMBER 2-Flute Center Cut Series #1000	EDP NUMBER 2-Flute Ballnose Series # 1051	Head Dia.	Length of Cut	Shank Dia. by Overall Length
130-03030-S2	131-03030-B2	1/16"	3/8"	1/8" x 1-1/2"
130-05080-S2	131-05080-B2	3/32"	3/8"	3/32" x 1-1/2"
130-08110-S2	131-08110-B2	1/8"	1/2"	1/8" x 1-1/2"
130-10121-S2	131-10121-B2	5/32"	9/16"	3/16" x 2"
130-12141-S2	131-12141-B2	3/16"	5/8"	3/16" x 2"
130-14142-S2	131-14142-B2	7/32"	5/8"	1/4" x 2-1/2"
130-17162-S2	131-17162-B2	1/4"	3/4"	1/4" x 2-1/2"
130-19162-S2	131-19162-B2	9/32"	3/4"	5/16" x 2-1/2"
130-21172-S2	131-21172-B2	5/16"	13/16"	5/16" x 2-1/2"
130-26182-S2	131-26182-B2	3/8"	7/8"	3/8" x 2-1/2"
130-30182-S2	131-30182-B2	7/16"	7/8"	7/16" x 2-1/2"
130-34203-S2	131-34203-B2	1/2"	1"	1/2" x 3"
130-38237-S2	131-38237-B2	9/16"	1-1/4"	9/16" x 3-1/2"
130-42278-S2	131-42278-B2	5/8"	1-1/2"	5/8" x 4"
130-46278-S2	131-46278-B2	11/16"	1-1/2"	3/4" x 4"
130-50278-S2	131-50278-B2	3/4"	1-1/2"	3/4" x 4"
130-66278-S2	131-66278-B2	1"	1-1/2"	1" x 4"

2-Flute Single End Ballnose



Series 1051

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4-Flute Double End Stub Mills



Series 230

EDP NUMBER 4-Flutes Center Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Overall Length
230-03010-S4	62801A	1/16"	1/8"	1/8" x 1-1/2"
230-05030-S4	62802A	3/32"	3/16"	1/8" x 1-1/2"
230-08050-S4	62803A	1/8"	1/4"	1/8" x 1-1/2"
230-10071-S4	62804A	5/32"	5/16"	3/16" x 2"
230-12081-S4	62805A	3/16"	3/8"	3/16" x 2"
230-14112-S4	62806A	7/32"	1/2"	1/4" x 2-1/2"
230-17112-S4	62807A	1/4"	1/2"	1/4" x 2-1/2"
230-21112-S4	62808A	5/16"	1/2"	5/16" x 2-1/2"
230-26122-S4	62809A	3/8"	9/16"	3/8" x 2-1/2"
230-30143-S4	62810A	7/16"	5/8"	7/16" x 3"
230-34143-S4	62811A	1/2"	5/8"	1/2" x 3"



Series 231

EDP NUMBER 4-Flutes Ballnose	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Overall Length
231-03010-B4	62812C	1/16"	1/8"	1/8" x 1-1/2"
231-05030-B4	62813C	3/32"	3/16"	1/8" x 1-1/2"
231-08050-B4	62814C	1/8"	1/4"	1/8" x 1-1/2"
231-10071-B4	62815C	5/32"	5/16"	3/16" x 2"
231-12081-B4	62816C	3/16"	3/8"	3/16" x 2"
231-14112-B4	62817C	7/32"	1/2"	1/4" x 2-1/2"
231-17112-B4	62818C	1/4"	1/2"	1/4" x 2-1/2"
231-21112-B4	62819C	5/16"	1/2"	5/16" x 2-1/2"
231-26122-B4	62820C	3/8"	9/16"	3/8" x 2-1/2"
231-30143-B4	62821C	7/16"	5/8"	7/16" x 3"
231-34143-B4	62822C	1/2"	5/8"	1/2" x 3"

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2-Flute Double End Stub Mills



Series 240

EDP NUMBER 2-Flutes Center Cut	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Overall Length
240-03010-S2	62823A	1/16"	1/8"	1/8" x 1-1/2"
240-05030-S2	62824A	3/32"	3/16"	1/8" x 1-1/2"
240-08050-S2	62825A	1/8"	1/4"	1/8" x 1-1/2"
240-10071-S2	62826A	5/32"	5/16"	3/16" x 2"
240-12081-S2	62827A	3/16"	3/8"	3/16" x 2"
240-14112-S2	62828A	7/32"	1/2"	1/4" x 2-1/2"
240-17112-S2	62829A	1/4"	1/2"	1/4" x 2-1/2"
240-21112-S2	62830A	5/16"	1/2"	5/16" x 2-1/2"
240-26122-S2	62831A	3/8"	9/16"	3/8" x 2-1/2"
240-30143-S2	62832A	7/16"	5/8"	7/16" x 3"
240-34143-S2	62833A	1/2"	5/8"	1/2" x 3"



Series 241

EDP NUMBER 2-Flutes Ballnose	Tool Number	Head Dia.	Length of Cut	Shank Dia. by Overall Length
241-03010-B2	62834C	1/16"	1/8"	1/8" x 1-1/2"
241-05030-B2	62835C	3/32"	3/16"	1/8" x 1-1/2"
241-08050-B2	62836C	1/8"	1/4"	1/8" x 1-1/2"
241-10071-B2	62837C	5/32"	5/16"	3/16" x 2"
241-12081-B2	62838C	3/16"	3/8"	3/16" x 2"
241-14112-B2	62839C	7/32"	1/2"	1/4" x 2-1/2"
241-17112-B2	62840C	1/4"	1/2"	1/4" x 2-1/2"
241-21112-B2	62841C	5/16"	1/2"	5/16" x 2-1/2"
241-26122-B2	62842C	3/8"	9/16"	3/8" x 2-1/2"
241-30143-B2	62843C	7/16"	5/8"	7/16" x 3"
241-34143-B2	62844C	1/2"	5/8"	1/2" x 3"

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4-Flute Extended Length End Mills L, XL



Series 125

EDP NUMBER 4-Flute Extended	Head Dia.	Length of Cut	Shank Dia. by Length
125-08161-04 L	1/18"	3/4"	1/8" x 2-1/4"
125-08201-04 XL	1/8"	1"	1/8" x 3"
125-10121-04 L	5/32"	3/4"	3/16" x 2-1/2"
125-10173-04 XL	5/32"	1-1/8"	3/16" x 3"
125-12202-04 L	3/16"	3/4"	3/16" x 2-1/2"
125-17273-04 XL	3/16"	1-1/8"	3/16" x 3"
125-17203-04 L	1/4"	1-1/8"	1/4" x 3"
125-17274-04 XL	1/4"	1-1/2"	1/4" x 4"
125-21203-04 L	5/16"	1-1/8"	5/16" x 3"
125-21305-04 XL	5/16"	1-5/8"	5/16" x 4"
125-26233-04 L	3/8"	1-1/4"	3/8" x 3"
125-26295-04 XL	3/8"	1-3/4"	3/8" x 4"
125-30326-04 L	7/16"	2"	7/16" x 4"
125-30374-04 XL	7/16"	3"	7/16" x 6"
125-34235-04 L	1/2"	1-1/4"	1/2" x 4"
125-34326-04 XL	1/2"	2"	1/2" x 4"
125-34377-04 XXL	1/2"	3"	1/2" x 6"
125-42326-04 L	5/8"	2-1/4"	5/8" x 5"
125-42419-04 XL	5/8"	3"	5/8" x 6"
125-50347-04 L	3/4"	2-1/4"	3/4" x 5"
125-50378-04 XL	3/4"	3"	3/4" x 6"
125-50419-04 XXL	3/4"	4"	3/4" x 7"
125-66347-04 L	1"	2-1/4"	1" x 5"
125-66378-04 XL	1"	3"	1" x 6"
125-66419-04 XXL	1"	4"	1" x 7"

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2-Flute Extended Length End Mills L, XL



Series 135

EDP NUMBER 2-Flute Extended	Head Dia.	Length of Cut	Shank Dia. by Length
135-08161-02 L	1/18"	3/4"	1/8" x 2-1/4"
135-08201-02 XL	1/8"	1"	1/8" x 3"
135-10121-02 L	5/32"	3/4"	3/16" x 2-1/2"
135-10173-02 XL	5/32"	1-1/8"	3/16" x 3"
135-12202-02 L	3/16"	3/4"	3/16" x 2-1/2"
135-17273-02 XL	3/16"	1-1/8"	3/16" x 3"
135-17203-02 L	1/4"	1-1/8"	1/4" x 3"
135-17274-02 XL	1/4"	1-1/2"	1/4" x 4"
135-21203-02 L	5/16"	1-1/8"	5/16" x 3"
135-21305-02 XL	5/16"	1-5/8"	5/16" x 4"
135-26233-02 L	3/8"	1-1/4"	3/8" x 3"
135-26295-02 XL	3/8"	1-3/4"	3/8" x 4"
135-30326-02 L	7/16"	2"	7/16" x 4"
135-30374-02 XL	7/16"	3"	7/16" x 6"
135-34235-02 L	1/2"	1-1/4"	1/2" x 4"
135-34326-02 XL	1/2"	2"	1/2" x 4"
135-34377-02 XXL	1/2"	3"	1/2" x 6"
135-42326-02 L	5/8"	2-1/4"	5/8" x 5"
135-42419-02 XL	5/8"	3"	5/8" x 6"
135-50347-02 L	3/4"	2-1/4"	3/4" x 5"
135-50378-02 XL	3/4"	3"	3/4" x 6"
135-50419-02 XXL	3/4"	4"	3/4" x 7"
135-66347-02 L	1"	2-1/4"	1" x 5"

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High Helix 3-Flute End Mills



Series 360

EDP NUMBER 3-Flutes High Helix	Head Dia.	Length of Cut	Shank Dia. by Length	Overall Length
360-17203-H3	1/4"	3/4"	1/4" x 1-3/4"	2-1/2"
360-21203-H3	5/16"	13/16"	5/16" x 1-11/16"	2-1/2"
360-26233-H3	3/8"	7/8"	3/8" x 1-11/16"	2-1/2"
360-30236-H3	7/16"	1"	7/16" x 1-3/4"	2-3/4"
360-34235-H3	1/2"	1"	1/2" x 2"	3"
360-42326-H3	5/8"	1-1/4"	5/8" x 2-1/4"	3-1/2"
360-50347-H3	3/4"	1-1/2"	3/4" x 2-1/2"	4"
360-66347-H3	1"	1-1/2"	1" x 2-1/2"	4"

4-Flute Roughing End Mills



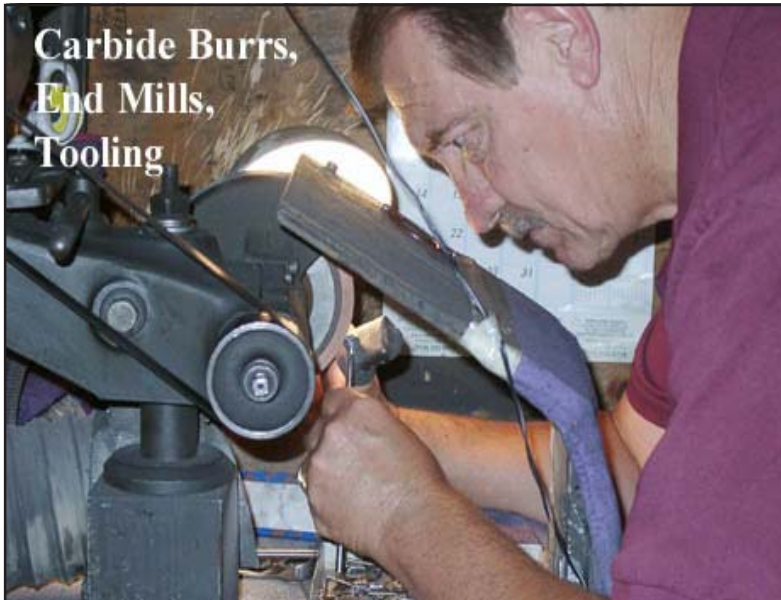
Series 440

EDP NUMBER 4-Flutes Roughing	Head Dia.	Length of Cut	Shank Dia. by Length	Overall Length
440-17203-R4	1/4"	3/4"	1/4" x 1-3/4"	2-1/2"
440-21203-R4	5/16"	3/4"	5/16" x 1-3/4"	2-1/2"
440-26233-R4	3/8"	7/8"	3/8" x 1-5/8"	2-1/2"
440-34235-R4	1/2"	1-1/4"	1/2" x 1-3/4"	3"
440-42326-R4	5/8"	1-5/8"	5/8" x 1-7/8"	3-1/2"
440-50347-R4	3/4"	1-5/8"	3/4" x 2-3/8"	4"
440-66347-R4	1"	1-3/4"	1" x 2-1/4"	4"

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