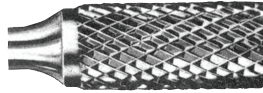




**CARBIDE BURS**  
1/4" SHANK - DOUBLE CUT

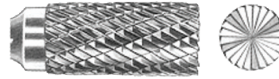


Single Cut available; please inquire.



(SA) Cylinder Shape  
SERIES 476:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SA-11	1/8	1/2	8000011	
SA-14	3/16	5/8	8000014	
SA-1	1/4	5/8	8000001	
SA-1L	1/4	1	8000201	
SA-2	5/16	3/4	8000002	
SA-3	3/8	3/4	8000003	
SA-3L	3/8	1	8000203	
SA-3XL	3/8	1-1/2	8000213	
SA-4	7/16	1	8000004	
SA-5	1/2	1	8000005	
SA-6	5/8	1	8000006	
SA-16	3/4	3/4	8000216	
SA-7	3/4	1	8000007	
SA-9	1	1	8000009	



(SB) Cylinder Shape With End Cut  
SERIES 477:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SB-11	1/8	1/2	8050111	
SB-14	3/16	5/8	8050114	
SB-1	1/4	5/8	8050101	
SB-1L	1/4	1	8050201	
SB-2	5/16	3/4	8050102	
SB-3	3/8	3/4	8050103	
SB-3L	3/8	1	8050213	
SB-4	7/16	1	8050104	
SB-5	1/2	1	8050105	
SB-6	5/8	1	8050106	
SB-16	3/4	3/4	8050216	
SB-7	3/4	1	8050107	
SB-9	3/4	1	8050109	



(SC) Cylinder Shape With Radius End  
SERIES 478:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SC-11	1/8	1/2	8100312	
SC-12	1/8	5/8	8100312	
SC-14	3/16	5/8	8100314	
SC-1	1/4	5/8	8100301	
SC-1L	1/4	1	8100311	
SC-2	5/16	3/4	8100302	
SC-3	3/8	3/4	8100303	
SC-3L	3/8	1	8100323	
SC-4	7/16	1	8100304	
SC-5	1/2	1	8100305	
SC-6	5/8	1	8100306	
SC-7	3/4	1	8100307	
SC-9	1	1	8100309	



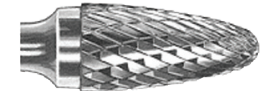
(SD) Ball Shape  
SERIES 479:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SD-11	1/8	1/8	8150411	
SD-14	3/16	3/16	8150414	
SD-1	1/4	1/4	8150401	
SD-2	5/16	5/16	8150402	
SD-3	3/8	3/8	8150403	
SD-4	7/16	7/16	8150404	
SD-5	1/2	1/2	8150405	
SD-6	5/8	5/8	8150406	
SD-7	3/4	3/4	8150407	
SD-9	1	1	8150409	



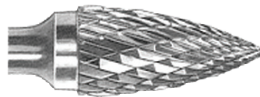
(SE) Oval Shape  
SERIES 480:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SE-11	3/16	5/16	8200511	
SE-1	1/4	3/8	8200501	
SE-3	3/8	5/8	8200503	
SE-5	1/2	7/8	8200505	
SE-6	5/8	1	8200506	
SE-7	3/4	1	8200507	



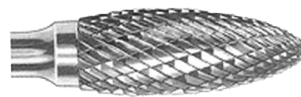
(SF) Tree Shape With Radius End  
SERIES 481:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SF-11	1/8	1/2	8250611	
SF-1	1/4	5/8	8250601	
SF-3	3/8	3/4	8250603	
SF-4	7/16	1	8250604	
SF-13	1/2	3/4	8250613	
SF-5	1/2	1	8250605	
SF-6	5/8	1	8250606	
SF-7	3/4	1	8250607	
SF-14	3/4	1-1/4	8250614	
SF-15	3/4	1-1/2	8250615	



(SG) Tree Shape With Pointed End  
SERIES 482:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SG-1	1/4	5/8	8300701	
SG-2	5/16	3/4	8300702	
SG-3	3/8	3/4	8300703	
SG-13	1/2	3/4	8300713	
SG-5	1/2	1	8300705	
SG-6	5/8	1	8300706	
SG-7	3/4	1	8300707	
SG-15	3/4	1-1/2	8300715	



(SH) Flame Shape  
SERIES 483:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SH-1	1/4	1/2	8300801	
SH-2	5/16	3/4	8350802	
SH-5	1/2	1-1/4	8350805	
SH-6	5/8	1-7/16	8350806	
SH-7	3/4	1-5/8	8350807	



(SJ) 60° Cone Shape  
SERIES 484:

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SJ-1	1/4	3/16	8401001	
SJ-2	5/16	1/4	8401002	
SJ-3	3/8	1/4	8401003	
SJ-5	1/2	7/16	8401005	
SJ-6	5/8	1/2	8401006	
SJ-7	3/4	5/8	8401007	
SJ-9	1	3/4	8401009	



**CARBIDE BURS**

1/4" SHANK - DOUBLE CUT

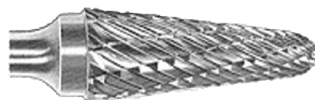
Single Cut available; please inquire.



(SK) 90° Cone Shape

SERIES 485:

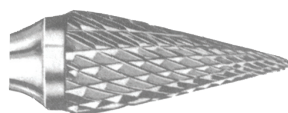
90° Included Angle				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SK-1	1/4	1/8	8451101	
SK-2	5/16	3/16	8451102	
SK-3	3/8	3/16	8451103	
SK-5	1/2	1/4	8451105	
SK-6	5/8	5/16	8451106	
SK-7	3/4	3/8	8451107	
SK-9	1	1/2	8451109	



(SL) Taper With Radius End

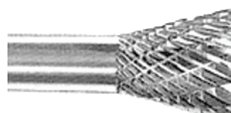
SERIES 486:

14° Included Angle				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SL-1	1/4	5/8	8501201	
SL-2	5/16	7/8	8501202	
SL-3	3/8	1-1/16	8501203	
SL-4	1/2	1-1/8	8501204	
SL-5	5/8	1-3/16	8501205	
SL-6	5/8	1-5/16	8501206	
SL-7	3/4	1-1/2	8501207	



(SM) Cone Shape

Cone Shape				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SM-1	1/4	1/2	8551301	
SM-2	1/4	3/4	8551302	
SM-3	1/4	1	8551303	
SM-4	3/8	5/8	8551304	
SM-5	1/2	7/8	8551305	
SM-6	5/8	1	8551306	



(SN) Inverted Cone Shape

SERIES 488:

Inverted Cone				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SN-1	1/4	5/16	8601401	
SN-2	3/8	3/8	8601402	
SN-4	1/2	1/2	8601404	
SN-6	5/8	3/4	8601406	
SN-7	3/4	5/8	8601407	

**BUR DISPENSER**

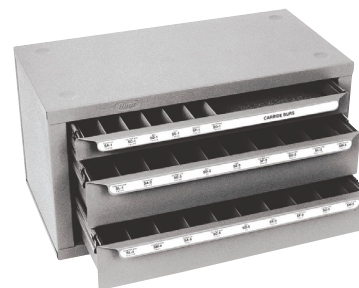
Model No.13200



Dimensions:

Measures 14-5/8" W x 7-3/8" D  
x 7-3/4" H

Weight: 10-1/2 lbs.



Holds these sizes:

- SA-1      SD-5      SG-3
- SA-3      SE-1      SG-4
- SA-5      SE-3      SL-1
- SB-1      SE-5      SL-3
- SB-3      SF-1      SL-4
- SB-5      SF-3      SM-2
- SD-1      SF-5      SM-3
- SD-3      SG-1      SM-5

Order No. 5613200

Price

Does not include burs

CUTTING TOOLS - BURS



**MINIATURE CARBIDE BURS**

1/8" SHANK - DOUBLE CUT

Single Cut available; please inquire.



1-1/2" Overall Length

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SA-41	1/16	1/4	8000041	
SA-42	3/32	7/16	8000042	
SA-43	1/8	9/16	8000043	
SC-41	3/32	7/16	8100341	
SC-42	1/8	9/16	8100342	
SD-41	3/32	3/32	8150441	
SD-42	1/8	1/8	8150442	
SE-41	1/8	7/32	8200541	
SF-41	1/8	1/4	8250641	
SF-42	1/8	1/2	8250642	
SG-41	1/8	1/4	8300741	
SG-42	1/8	5/16	8300743	

1-1/2" Overall Length

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SG-43	1/8	3/8	8300743	
SG-44	1/8	1/2	8300744	
SH-41	1/8	1/4	8350841	
SJ-42	1/8	3/32	8401042	
SK-42	1/8	1/16	8451142	
SL-41	1/8	3/8	8501241	
SL-42	1/8	1/2	8501242	
SM-41	1/8	11/32	8551341	
SM-42	1/8	7/16	8551342	
SM-43	1/8	5/8	8551343	
SN41	3/32	5/32	8601441	
SN-42	1/8	3/16	8601442	

2" Overall Length

Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SA-51	1/4	1/2	8000051	
SB-51	1/4	3/16	8050151	
SC-51	1/4	1/2	8100351	
SD-51	1/4	7/32	8150451	
SE-51	1/4	3/8	8200551	
SF-51	1/4	1/2	8300751	
SG-51	1/4	1/2	8250751	
SM-51	1/4	1/2	8551351	
SN-51	1/4	1/4	8601451	

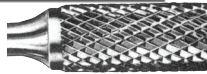


**EXTRA LONG CARBIDE BURS**



1/4" SHANK, 6" OVERALL — DOUBLE CUT

Single Cut available; please inquire.



SERIES 476:

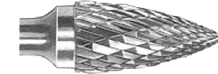
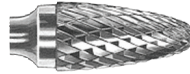
CYLINDRICAL SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SA-1L6	1/4	1/2	8000601	
SA-3L6	3/8	3/4	9000603	
SA-5L6	1/2	1	9000605	

SERIES 478:

CYLINDRICAL BALL NOSE SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SC-1L6	1/4	1/2	8100601	
SC-3L6	3/8	3/4	8100603	
SC-5L6	1/2	1	8100605	

SERIES 479:

BALL SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SD-1L6	1/4	7/32	8150601	
SD-3L6	3/8	5/16	8150603	
SD-5L6	1/2	7/16	8150605	



SERIES 482:

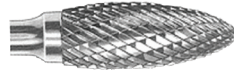
OVAL SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SE-1L6	1/4	3/8	8200601	
SE-3L6	3/8	5/8	8200603	
SE-5L6	1/2	7/8	8200605	

SERIES 481:

ROUND TREE SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SF-1L6	1/4	1/2	8256601	
SF-3L6	3/8	3/4	8256603	
SF-5L6	1/2	1	8256605	

SERIES 482:

POINTED TREE SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SG-1L6	1/4	1/2	8307601	
SG-3L6	3/8	3/4	8307603	
SG-5L6	1/2	1	8307605	



SERIES 483:

FLAME SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SH-2L6	5/16	3/4	8350602	
SH-5L6	1/2	1-1/4	8350605	

SERIES 486:

14° INCLUDED ANGLE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SL-1L6	1/4	5/8	8501601	
SL-3L6	3/8	1-1/16	8501603	
SL-4L6	1/2	1-1/8	8501604	



**CARBIDE BURS FOR ALUMINUM**

1/4" SHANK



SERIES 480:

OVAL SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SE-3NF	3/8	5/8	9001501	
SE-5NF	1/2	7/8	9001505	
SE-6NF	5/8	1	9001506	
SE-7NF	3/4	1	9001507	

SERIES 481:

ROUND TREE SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SF-1NF	1/4	3/4	8250701	
SF-3NF	3/8	3/4	8250703	
SF-5NF	1/2	1	8250705	
SF-6NF	5/8	1	8250706	
SF-14NF	3/4	1-1/4	8250714	

SERIES 486:

14° INCLUDED ANGLE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price Each
SL-3NF	3/8	1-1/16	8501303	
SL-4NF	1/2	1-1/8	8501304	
SL-5NF	5/8	1-3/16	8501305	
SL-6NF	5/8	1-5/16	8501306	
SL-7NF	3/4	1-1/2	8501307	



SERIES 476:

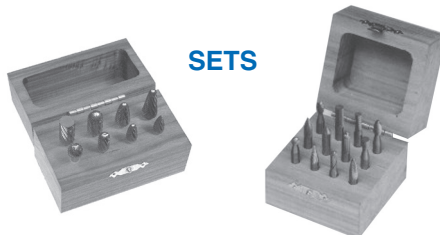
CYLINDRICAL				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price Each
SA-1NF	1/4	3/4	8000101	
SA-3NF	3/8	3/4	8000103	
SA-5NF	1/2	1	8000105	
SA-6NF	5/8	1	8000106	
SA-7NF	3/4	1	8000107	

SERIES 478:

CYLINDRICAL BALL NOSE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SC-1NF	1/4	3/4	8101301	
SC-3NF	3/8	3/4	8101303	
SC-5NF	1/2	1	8101305	
SC-6NF	5/8	1	8101306	
SC-7NF	3/4	1	8101307	

SERIES 479:

BALL SHAPE				
Tool No.	Cutter Dia.	Length of Cut	Order No.	Price
SD-1NF	1/4	7/32	8151401	
SD-3NF	3/8	5/16	8151403	
SD-5NF	1/2	7/16	8151405	
SD-6NF	5/8	9/16	8151406	
SD-7NF	3/4	11/16	8151407	



SETS

SERIES 490:

CARBIDE BUR BOX SETS — DOUBLE CUT				
Set Description	Pieces Per Set	Set No.	Order No.	Price
SA1, SC1, SD1, SE1, SF1, SG1, SH1, SJ1, SK1, SL1, SM1, SN1	12	CBS12	4900012	
SA51, SB51, SC51, SD51, SE51, SF51, SG51, SM51, SN51	9	CBS9	4900009	
SA1, SA3, SC1, SC3, SD1, SD3, SF1, SF3	8	CBS8	4900008	

CUTTING TOOLS - BURS