

SAIT CARBIDE BUR DISPLAY

IDEAL FOR POP SELLING



COUNTER DISPLAY

- Dimensions: 15.5"L x 9"W x 9.5H
- Occupies minimal counter space
- Counter display case holds up to 24 burs. part #99998

Front panels show all SAIT bur shapes

Locks for security



Wooden display case holds up to 8 burs. part #99046



- Back panel shows bur type and technical specifications
- Rear drawer opens for storage

Call United Abrasives or your sales representative to order part #99998 (counter display case) or part #99046 (wooden display case)

United Abrasives, Inc.
P.O. Box 75, Route 66
Willimantic, CT 06226
1.800.428.5927

United Abrasives Canada, Inc.
1835 Meyerside Drive, Unit 3
Mississauga, Ontario L5T 1G4
1.800.345.7248

Distributed by:



www.unitedabrasives.com **SAIT**

© 2006 United Abrasives, Inc. • Printed in the U.S.A. • Form #99220

SAIT

TUNGSTEN CARBIDE BURS



MADE IN USA



UNITED ABRASIVES, INC.

SAIT

SAIT TUNGSTEN CARBIDE BURS

FEATURES

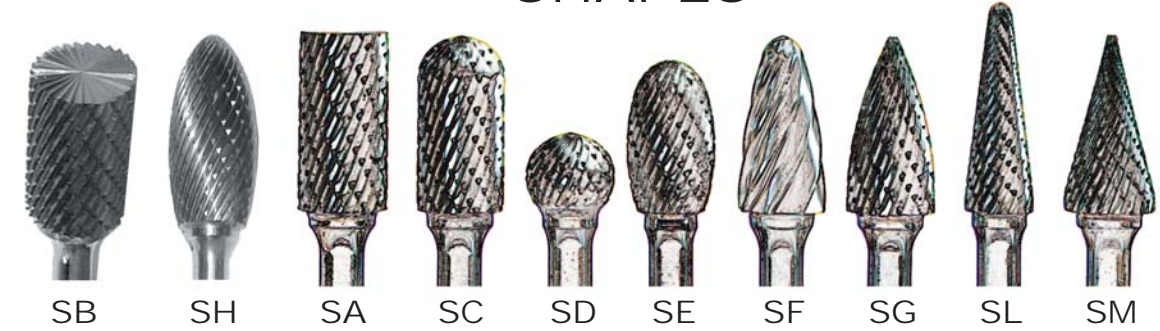
- Tungsten carbide construction
- Bur spirals are produced by computer controlled diamond wheels
- Automated equipment produces a very concentric, balanced tool
- Each bur is packaged in individual storage units

BENEFITS

- Long life and durability
- Produces the very sharpest uniform cutting edges
- Assures vibration-free operation
- Reusable storage to prevent damage

United Abrasives offers a complete line of SAIT BURS in the most popular shapes and sizes to meet your needs.

SHAPES



AVAILABLE IN DOUBLE CUT & NON-FERROUS (ALUMINUM) CUT

DOUBLE CUT (alternate cut)



- MOST POPULAR BUR IN FERROUS APPLICATIONS
- DESIGNED WITH LEFT AND RIGHT SPIRALS FOR FINER FINISHING
- PRODUCES FINER CHIPS AND SLIVERS FOR GREATER TOOL CONTROL

NON-FERROUS (aluminum cut)



- IDEAL BUR FOR NON-FERROUS AND SOFTER MATERIAL USE
- OPEN DESIGN FOR AGGRESSIVE NON-LOADING APPLICATIONS
- ALSO EXCELLENT FOR USE ON HARD RUBBER AND PLASTICS

TUNGSTEN CARBIDE BUR APPLICATIONS

- REMOVING WELDS
- SHAPING & ENLARGING HOLES IN STEEL
- EXCELLENT FOR CONFINED, HARD TO REACH AREAS
- SMOOTHING CASTINGS
- DEBURRING & FINISHING

CARBIDE BUR OPERATING TIPS

- DURING HEAVY USE, PERIODICALLY DIPPING THE BUR IN LUBRICANT IS RECOMMENDED FOR COOLING
- THE BUR SHANK SHOULD NOT BE ALLOWED TO CONTACT THE WORK PIECE DURING USE. CONTACT COULD CAUSE THE BUR TO OVERHEAT
- TAKE CARE IN STORING YOUR BUR IN ITS PLASTIC CONTAINER TO AVOID BUR DAMAGE WHEN NOT IN USE
- WHEN WORKING WITH BURS, SAFETY GLASSES SHOULD BE WORN

Double Cut (Alternate Cut)

Type	Size		Shank Dia.	Part Numbers	Qty Per Box
	Dia.	Length			
SA1	1/4	5/8	1/4	45000	1
SA3	3/8	3/4	1/4	45001	1
SA5	1/2	1	1/4	45002	1
SB1	1/4	5/8	1/4	45111	1
SB3	3/8	3/4	1/4	45004	1
SB5	1/2	1	1/4	45113	1
SC1	1/4	5/8	1/4	45005	1
SC3	3/8	3/4	1/4	45006	1
SC5	1/2	1	1/4	45007	1
SD1	1/4	7/32	1/4	45010	1
SD3	3/8	5/16	1/4	45011	1
SD5	1/2	7/16	1/4	45012	1
SE1	1/4	3/8	1/4	45015	1
SE5	1/2	7/8	1/4	45016	1
SF1	1/4	5/8	1/4	45020	1
SF3	3/8	3/4	1/4	45021	1
SF5	1/2	1	1/4	45022	1
SH1	1/4	5/8	1/4	45115	1
SH2	5/16	3/4	1/4	45116	1
SH5	1/2	1-1/4	1/4	45117	1
SL1	1/4	5/8	1/4	45025	1
SL3	3/8	1-3/16	1/4	45026	1
SL4	1/2	1-1/4	1/4	45027	1
SG1	1/4	5/8	1/4	45030	1
SG3	3/8	3/4	1/4	45031	1
SG5	1/2	1	1/4	45032	1
SM1	1/4	1/2	1/4	45035	1
SM2	1/4	3/4	1/4	45036	1
SM4	3/8	3/4	1/4	45037	1
SM5	1/2	1	1/4	45038	1

Non-ferrous (Aluminum)

SA3NF	3/8	3/4	1/4	45050	1
SA5NF	1/2	1	1/4	45051	1
SC3NF	3/8	3/4	1/4	45052	1
SF3NF	3/8	3/4	1/4	45053	1
SF5NF	1/2	1	1/4	45054	1
SL4NF	1/2	1-1/8	1/4	45055	1

Heavy Duty

Type	Size		Shank Dia.	Part Numbers	Qty/Box
	Dia.	Length			
SA5	1/2	1	1/4	45125	1
SC5	1/2	1	1/4	45130	1
SE5	1/2	7/8	1/4	45135	1
SF3	3/8	3/4	1/4	45140	1
SF5	1/2	1	1/4	45145	1
SG5	1/2	1	1/4	45150	1
SL3	3/8	1-3/16	1/4	45155	1
SL4	1/2	1-1/4	1/4	45160	1

6" Length Shank

Type	Size		Shank Dia.	Part Numbers	Qty/Box
	Dia.	Length			
SA3L6	3/8	3/4	1/4 6L	45603	1
SA5L6	1/2	1	6L	45605	1
SB1L6	1/4	5/8	6L	45611	1
SB3L6	3/8	3/4	6L	45613	1
SC3L6	3/8	3/4	6L	45623	1
SD1L6	1/4	7/32	6L	45631	1
SD3L6	3/8	5/16	6L	45633	1
SE5L6	1/2	7/8	6L	45645	1
SF3L6	3/4	3/4	6L	45653	1
SF5L6	1/2	1	6L	45655	1
SG3L6	3/8	3/4	6L	45663	1
SG5L6	1/2	1	6L	45665	1
SH2L6	5/16	3/4	6L	45672	1
SL3L6	3/8	1-1/16	6L	45683	1
SM3L6	1/4	1	6L	45693	1
SC3NFL6	3/8	3/4	6L	45063	1
SF3NFL6	3/8	3/4	6L	45073	1
SD3NFL6	3/8	5/16	6L	45083	1

MAXIMUM RECOMMENDED RPM'S FOR CARBIDE BURS

FILE DIA.	RPM (1)	RPM (2)
1/4"	22,000	33,000
3/8"	18,000	27,000
1/2"	16,000	24,000

Use RPM (1) for iron, steel welds, cast iron, tool steels, die steels, bronze, brass and aluminum

Use RPM (2) for stainless steel