

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

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

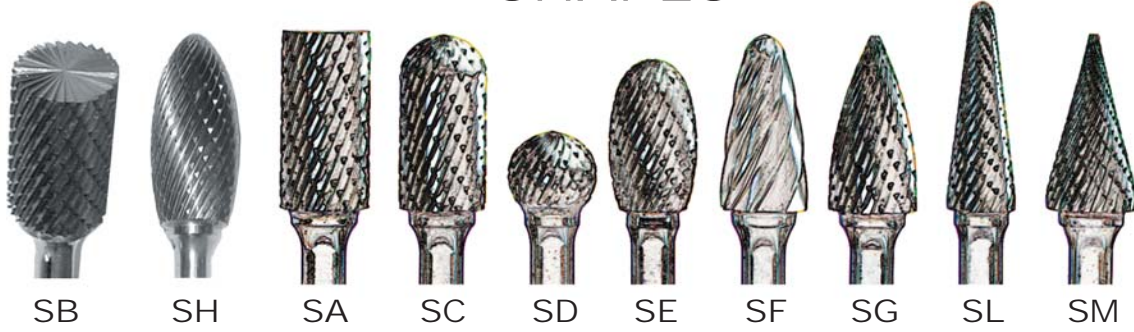
- REMOVING WELDS
- SHAPING & ENLARGING HOLES IN STEEL
- EXCELLENT FOR CONFINED, HARD TO REACH AREAS
- SMOOTHING CASTINGS
- DEBURRING & FINISHING

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

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

SHAPES



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
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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

Non-ferrous (Aluminum)

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
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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

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



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)

Distributed by: _____

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