SHIBALLOY®

CARBIDE BURRS SINCE 1983

- Field Testing Of Burrs
- 100% Braze Testing
- Quality Materals & Supply Chain
- State Of Art Manufacturing Equipment
- Attentive Customer Service
- Stock For Regular Customer
- Latest Burr Design & Geometry
- Experienced Team

CYLINDRICAL	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SA-42M	2.5	11	3	38	S	●	●	
SA-42M L50	2.5	11	3	50	S	●	●	
SA-42M L75	2.5	11	3	75	S	●	●	
SA-43M	3	14	3	38	S	●	●	
SA-43M L50	3	14	3	50	S	●	●	
SA-43M L75	3	14	3	75	S	●	●	
SA-11M	3	12	6	50	S	○	○	
SA-11MB	3	12	6	54	B	●	●	
SA-12M	3	16	6	50	S	○	○	
SA-12MB	3	16	6	58	B	●	●	
SA-52M	4	12.7	3	50	S	○	○	
SA-52MB	4	12.7	3	50	B	●	●	
SA-13M	4	16	6	50	S	●	●	
SA-13MB	4	16	6	58	B	●	●	
SA-53M	5	12.7	3	50	S	○	○	
SA-53MB	5	12.7	3	50	B	●	●	
SA-14M	5	16	6	50	S	●	●	
SA-14MB	5	16	6	58	B	●	●	
SA-1M	6	16	6	50	S	●	●	●
SA-1MB	6	16	6	60	B	●	●	
SA-1LM	6	25	6	50	S	●	●	
SA-1M L150	6	16	6	166	B	●	●	
SA-51M	6.3	12.7	3	50	B	●	●	
SA-2M	8	19	6	63	B	●	●	
SA-3M	9.5	19	6	63	B	●	●	●
SA-3LM	9.5	25	6	69	B	●	●	
SA-3M L150	9.5	19	6	169	B	●	●	
SA-3MZ	10	20	6	60	B	●	●	
SA-4M	11	25	6	69	B	○	○	
SA-5MZ	12	25	6	65	B	●	●	
SA-5MZ L150	12	25	6	175	B	●	●	
SA-5M	12.7	25	6	69	B	●	●	●
SA-5M L150	12.7	25	6	175	B	●	●	
SA-6M*	16	25	6*	69	B	●	●	●
SA-7M*	19	25	6*	69	B	●	●	○
SA-9M*	25	25	6*	69	B	●	●	

CYLINDRICAL END CUT	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SB-42M	2.5	11	3	38	S	●	●	
SB-42M L50	2.5	11	3	50	S	●	●	
SB-42M L75	2.5	11	3	75	S	●	●	
SB-43M	3	14	3	38	S	●	●	
SB-43M L50	3	14	3	50	S	●	●	
SB-43M L75	3	14	3	75	S	●	●	
SB-11M	3	12	6	50	S	○	○	
SB-11MB	3	12	6	54	B	●	●	
SB-12M	3	16	6	50	S	○	○	
SB-12MB	3	16	6	58	B	●	●	
SB-13M	4	16	6	50	S	●	●	
SB-13MB	4	16	6	58	B	●	●	
SB-14M	5	16	6	50	S	●	●	
SB-14MB	5	16	6	58	B	●	●	
SB-1M	6	16	6	50	S	●	●	●
SB-1MB	6	16	6	60	B	●	●	
SB-1LM	6	25	6	50	S	●	●	
SB-51M	6.3	4.7	3	43	B	●	●	
SB-2M	8	19	6	63	B	●	●	
SB-3M	9.5	19	6	63	B	●	●	●
SB-3LM	9.5	25	6	69	B	●	●	
SB-3MZ	10	20	6	60	B	●	●	
SB-4M	11	25	6	69	B	○	○	
SB-5MZ	12	25	6	65	B	●	●	●
SB-5M	12.7	25	6	69	B	●	●	●
SB-6 M*	16	25	6*	69	B	●	●	●
SB-7M*	19	25	6*	69	B	○	○	○
SB-9M*	25	25	6*	69	B	○	○	



●- EX STOCK/QUICK DELIVERY 0- LEAD TIME REQUIRED
*- OPTIONAL SHANK 8mm Metric.

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Wear Eye Protection!

Wear Hearing Protection!

Observe the recommended rotational speed, especially when using burrs with long shanks!

CYLINDRICAL RADIUS END	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SC-41M	2.5	11	3	38	S	●	●	
SC-42M	3	14	3	38	S	●	●	
SC-42M L50	3	14	3	50	S	●	●	
SC-42M L75	3	14	3	75	S	●	●	
SC-11M	3	12	6	50	S	○	○	
SC-11MB	3	12	6	54	B	●	●	
SC-12M	3	16	6	50	S	○	○	
SC-12MB	3	16	6	58	B	●	●	
SC-52M	4	12.7	3	50	S	○	○	
SC-52MB	4	12.7	3	50	B	●	●	
SC-13M	4	16	6	50	S	●	●	
SC-13MB	4	16	6	58	B	●	●	
SC-53M	5	12.7	3	50	S	○	○	
SC-53MB	5	12.7	3	50	B	●	●	
SC-14M	5	16	6	50	S	●	●	
SC-14MB	5	16	6	60	B	●	●	
SC-1M	6	16	6	50	S	●	●	●
SC-1MB	6	16	6	60	B	●	●	
SC-1LM	6	25	6	50	S	●	●	
SC-1M L150	6	16	6	166	B	●	●	
SC-51M	6.3	12.7	3	50	B	●	●	
SC-2M	8	19	6	63	B	●	●	
SC-3M	9.5	19	6	63	B	●	●	●
SC-3LM	9.5	25	6	69	B	●	●	
SC-3M L150	9.5	19	6	169	B	●	●	
SC-3MZ	10	20	6	60	B	●	●	
SC-4M	11	25	6	69	B	○	○	
SC-5MZ	12	25	6	65	B	●	●	●
SC-5MZ L150	12	25	6	175	B	●	●	
SC-5M	12.7	25	6	69	B	●	●	●
SC-5M L150	12.7	25	6	175	B	●	●	
SC-6M*	16	25	6*	69	B	●	●	●
SC-7M*	19	25	6*	69	B	●	●	○
SC-9M*	25	25	6*	69	B	●	●	



BALL	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SD-41M	2.5	2.3	3	38	S	●	●	
SD-42M	3	2.8	3	38	S	●	●	
SD-42M L50	3	2.8	3	50	S	●	●	
SD-42M L75	3	2.8	3	75	S	●	●	
SD-11M	3	2.8	6	50	S	○	○	
SD-11MB	3	2.8	6	50	B	●	●	
SD-52M	4	3.4	3	38	S	○	○	
SD-52MB	4	3.4	3	38	B	●	●	
SD-53M	5	4.7	3	38	S	○	○	
SD-53MB	5	4.7	3	38	B	●	●	
SD-14M	5	4	6	50	S	●	●	
SD-14MB	5	4	6	50	B	●	●	
SD-1M	6	5	6	50	S	●	●	●
SD-1MB	6	5	6	50	B	●	●	
SD-1M L150	6	5	6	155	B	●	●	
SD-51M	6.3	5	3	44	B	●	●	
SD-2M	8	6.4	6	50	B	●	●	
SD-3M	9.5	8	6	52	B	●	●	●
SD-3M L150	9.5	8	6	158	B	●	●	
SD-3MZ	10	9	6	49	B	●	●	
SD-4M	11	9.5	6	54	B	○	○	
SD-5MZ	12	10.8	6	51	B	●	●	●
SD-5M	12.7	11	6	55	B	●	●	●
SD-5M L150	12.7	11	6	161	B	●	●	
SD-6M*	16	14	6*	58	B	●	●	●
SD-7M*	19	16	6*	62	B	●	●	○
SD-9M*	25	21	6*	72	B	●	●	

OVAL	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SE-41M	3	5.5	3	38	S	●	●	
SE-41M L50	3	5.5	3	50	S	●	●	
SE-41M L75	3	5.5	3	75	S	●	●	
SE-53M	5	7.1	3	50	S	○	○	
SE-1M	6	9.5	6	50	S	●	●	
SE-1MB	6	9.5	6	55	B	●	●	
SE-1M L150	6	9.5	6	160	B	●	●	
SE-51M	6.3	9.5	3	47	B	●	●	
SE-3M	9.5	16	6	60	B	●	●	●
SE-3M L150	9.5	16	6	166	B	●	●	●
SE-5MZ	12	22	6	66	B	●	●	
SE-5MZ L150	12	22	6	172	B	●	●	
SE-5M	12.7	22	6	66	B	●	●	●
SE-5M L150	12.7	22	6	172	B	●	●	
SE-6M*	16	25	6*	69	B	●	●	○
SE-7M*	19	25	6*	69	B	○	○	○

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∗- OPTIONAL SHANK 8mm Metric.

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TREE RADIUS END	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SF-41 M	3	6	3	38	S	●	●	
SF-42M	3	12.7	3	38	S	●	●	
SF-42M L50	3	12.7	3	50	S	●	●	
SF-42M L75	3	12.7	3	75	S	●	●	
SF-53M	5	12.7	3	50	S	○	○	
SF-11M	3	12.7	6	55	B	●	●	
SF-1M	6	16	6	50	S	●	●	●
SF-1MB	6	16	6	60	B	●	●	
SF-1M L150	6	12.7	6	163	B	●	●	
SF-51M	6.3	12.7	3	50	B	●	●	
SF-3M	9.5	19	6	63	B	●	●	●
SF-3M L150	9.5	19	6	169	B	●	●	●
SF-4M	11	25	6	69	B	●	●	
SF-5MZ	12	25	6	65	B	●	●	●
SF-5MZ L150	12	25	6	175	B	●	●	
SF-5M	12.7	25	6	69	B	○	○	●
SF-5M L150	12.7	25	6	175	B	●	●	●
SF-13M	12.7	19	6	63	B	○	○	
SF-6M*	16	25	6*	69	B	●	●	○
SF-7M*	19	25	6*	69	B	○	○	○
SF-14M*	19	32	6	76	B	○	○	○
SF-15M*	19	38	6	82	B	○	○	

TREE POINTED END	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SG-41M	3	6	3	38	S	●	●	
SG-43M	3	9.5	3	38	S	●	●	
SG-44M	3	12.7	3	38	S	●	●	
SG-44M L50	3	12.7	3	50	S	●	●	
SG-44M L75	3	12.7	3	75	S	●	●	
SG-53M	5	12.7	3	50	S	○	○	
SG-1M	6	16	6	50	S	●	●	
SG-1MB	6	16	6	60	B	●	●	
SG-1M L150	6	12.7	6	163	B	●	●	
SG-51M	6.3	12.7	3	50	B	●	●	
SG-2M	8	19	6	63	B	●	●	
SG-3M	9.5	19	6	63	B	●	●	
SG-3M L150	9.5	19	6	169	B	●	●	
SG-3MZ	10	20	6	60	B	●	●	
SG-5MZ	12	25	6	65	B	●	●	●
SG-5MZ L150	12	25	6	175	B	●	●	
SG-13M	12.7	19	6	63	B	○	○	
SG-5M	12.7	25	6	69	B	●	●	●
SG-5M L150	12.7	25	6	175	B	●	●	
SG-6M*	16	25	6*	69	B	●	●	
SG-7M*	19	25	6*	69	B	○	○	
SG-15M*	19	38	6*	82	B	○	○	

FLAME	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SH-41M	3	6.3	3	38	S	●	●	
SH-41M L50	3	6.3	3	50	S	●	●	
SH-41M L75	3	6.3	3	75	S	●	●	
SH-53M	5	9.5	3	50	S	○	○	
SH-1M	6	16	6	50	S	○	○	
SH-1MB	6	16	6	60	B	●	●	
SH-2M	8	19	6	63	B	●	●	
SH-2M L150	8	19	6	169	B	●	●	
SH-5MZ	12	32	6	76	B	●	●	
SH-5MZ L150	12	32	6	182	B	●	●	
SH-5M	12.7	32	6	76	B	●	●	
SH-5M L150	12.7	32	6	182	B	●	●	
SH-6M*	16	36	6*	80	B	●	●	
SH-7M*	19	41	6*	85	B	○	○	



CONE 60° DEGREE	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SJ-42M	3	2.5	3	38	S	●	●	
SJ-1M	6	4	6	50	S	●	●	
SJ-3M	9.5	8	6	55	B	●	●	
SJ-5M	12.7	11	6	56	B	●	●	
SJ-6M*	16	14.5	6*	61	B	●	●	
SJ-7M*	19	17.5	6*	65	B	○	○	
SJ-9M*	25	24.5	6*	68	B	○	○	

CONE 90° DEGREE	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SK-42M	3	1.5	3	38	S	●	●	
SK-1M	6	3	6	50	S	●	●	
SK-3M	9.5	4.7	6	52	B	●	●	
SK-5M	12.7	6.3	6	54	B	●	●	
SK-6M*	16	8	6*	57	B	●	●	
SK-7M*	19	9.5	6*	58	B	○	○	
SK-9M*	25	12.7	6*	60	B	○	○	

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CONE RADIUS END	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Radius Angle	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SL-41M	3	9.5	3	38	S		●	●	
SL-42M	3	12.7	3	38	S		●	●	
SL-42M L50	3	12.7	3	50	S	8°	●	●	
SL-42M L75	3	12.7	3	75	S	8°	○	○	
SL-53M	5	12.7	3	50	S	14°	●	●	
SL-1M	6	16	6	50	S	14°	●	●	●
SL-1MB	6	16	6	60	B	14°	●	●	
SL-1M L150	6	16	6	166	B	14°	●	●	●
SL-2M	8	22	6	69	B	14°	●	●	
SL-3M	9.5	27	6	74	B	14°	●	●	●
SL-3M L150	9.5	27	6	177	B	14°	●	●	●
SL-4MZ	12	28	6	76	B	14°	●	●	
SL-4MZ L150	12	28	6	178	B	14°	●	●	
SL-4M	12.7	28	6	76	B	14°	●	●	●
SL-4M L150	12.7	28	6	178	B	14°	●	●	●
SL-5M*	16	30	6*	77	B	14°	●	●	
SL-7M*	19	38	6*	85	B	14°	●	●	

CONICAL	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Radius Angle	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SM-41M	3	8.9	3	38	S	12°	●	●	
SM-42M	3	11	3	38	S	14°	●	●	
SM-42M L50	3	11	3	50	S	14°	●	●	
SM-42M L75	3	11	3	75	S	14°	●	●	
SM-43M	3	16	3	38	S	7°	●	●	
SM-53M	5	12.7	3	38	S	16°	○	○	
SM-1M	6	12.7	6	50	S	22°	●	●	
SM 1MB	6	12.7	6	56	B	22°	●	●	
SM-2M	6	19	6	50	S	14°	●	●	
SM-2MB	6	19	6	63	B	14°	●	●	
SM-3M	6	25	6	50	S	10°	●	●	
SM-3MB	6	25	6	70	B	10°	●	●	
SM-51M	6.3	12.7	3	53	B	22°	●	●	
SM-4M	9.5	16	6	63	B	28°	●	●	
SM-5MZ	12	22	6	69	B	28°	●	●	
SM-5M	12.7	22	6	69	B	28°	●	●	
SM-6M*	16	25	6*	73	B	31°	●	●	○

INVERTED CONE	HEAD DIA(MM)	CUT LENGTH (MM)	SHANK DIA (MM)	OAL LENGTH (MM)	SOILD (ROD) / BRZ	Radius Angle	Single Cut (SC)	Double Cut (DC)	Aluminium Cut (NF)
SN-41M	2.5	3	3	38	S	10°	●	●	
SN-42M	3	4	3	38	S	10°	●	●	
SN-53M	5	6.3	3	38	S	10°	○	○	
SN-1M	6	8	6	50	S	10°	●	●	
SN-1MB	6	8	6	53	B	10°	●	●	
SN-51M	6.3	6	3	44	B	10°	●	●	
SN-2M	9.5	9.5	6	53	B	13°	●	●	
SN-4M	12.7	12.7	6	57	B	28°	●	●	
SN-6M*	16	19	6*	63	B	18°	○	○	
SN-7M*	19	16	6*	60	B	30°	○	○	

ORDERING CODE:

SA-5 DC- Inch Shank, Burr -Cylindrical Shape, Double Cut
SA-5M DC – Metric Shank, Burr -Cylindrical Shape, Double Cut
SA-5M 8 DC- Burr -Cylindrical Shape, Double Cut, 8 mm Dia Shank.
SA-5M 150 mm- Burr -Cylindrical Shape, Single Cut, Metric 6mm Dia Shank, Shank Length 150 mm.
Extended Reach Burrs – 50mm, 100mm,150mm, 200mm, 250mm, 300mm are Available.
Other available cuts – Foundry cut -FC, Chip Breaker- CB, Coarse cut -CC, Fine cut - FC, Diamond- DIA, Steel Mill Cut- SMC, Inox Mill Cut –IMC.

CUT TYPES



SC
Single Cut



DC
Double Cut



CB
Chip Breaker Cut



FINE
Diamond Cut



NF
Aluminum Cut



IMC
Inox Mill Cut



SMC
Steel Mill Cut

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Wear Hearing Protection!
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Vishal GmbH

Marketed & Sold by:

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