

Carbide Burrs

Shape A- Cylindrical



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SA-43	1/16"	1/2"	1/8"	389-0002	389-0102
SA-42	3/32	7/16	1/8	389-0004	389-0104
SA-41	1/8	9/16	1/8	389-0006	389-0106
SA-13	5/32	5/8	1/4	389-0010	389-0110
SA-14	3/16	5/8	1/4	389-0012	389-0112
SA-51	1/4	1/2	1/8	389-0011	389-0111
SA-1	1/4	5/8	1/4	389-0014	389-0114
SA-2	5/16	3/4	1/4	389-0016	389-0116
SA-3	3/8	3/4	1/4	389-0018	389-0118
SA-4	7/16	1	1/4	389-0020	389-0120
SA-5	1/2	1	1/4	389-0022	389-0122
SA-7	3/4	1	1/4	389-0024	389-0124
SA-9	1	1	1/4	389-0026	389-0126

Shape B- Cylindrical End Cut



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SB-42	3/32"	7/16"	1/8"	389-0504	389-0604
SB-43	1/8	9/16	1/8	389-0506	389-0606
SB-41	1/16	1/2	1/4	389-0510	389-0610
SB-13	5/32	5/8	1/4	389-0512	389-0612
SB-14	3/16	5/8	1/4	389-0514	389-0614
SB-1	1/4	5/8	1/4	389-0516	389-0616
SB-2	5/16	3/4	1/4	389-0518	389-0618
SB-3	3/8	3/4	1/4	389-0520	389-0620
SB-4	7/16	1	1/4	389-0522	389-0622
SB-5	1/2	1	1/4	389-0524	389-0624
SB-7	3/4	1	1/4	389-0526	389-0626
SB-9	1	1	1/4	389-0528	389-0628

Shape C- Cylindrical Radius End



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SC-41	3/32"	7/16"	1/8"	389-1004	389-1104
SC-42	1/8	9/16	1/8	389-1006	389-1106
SC-11	1/8	1/2	1/4	389-1010	389-1110
SC-13	5/32	5/8	1/4	389-1012	389-1112
SC-14	3/16	5/8	1/4	389-1014	389-1114
SC1L6	1/4	1/2	1/4	389-1015	389-1115
SC-1	1/4	5/8	1/4	389-1016	389-1116
SC-2	5/16	3/4	1/4	389-1018	389-1118
SC-3	3/8	3/4	1/4	389-1020	389-1120
SC3L6	3/8	3/4	1/4	389-1019	389-1119
SC-4	7/16	1	1/4	389-1022	389-1122
SC-5	1/2	1	1/4	389-1024	389-1124
SC-7	5/8	1	1/4	389-1026	389-1126
SC-9	3/4	1	1/4	389-1028	389-1128

Shape D- Ball



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SD-41	3/32"	3/32"	1/8"	389-1504	389-1604
SD-42	1/8	1/8	1/8	389-1506	389-1606
SD-14	3/16	3/16	1/4	389-1510	389-1610
SD-53	3/16	5/32	1/8	389-1509	389-1609
SD-51	1/4	7/32	1/8	389-1513	389-1613
SD-11	1/8	1/8	1/4	389-1512	389-1612
SD-1	1/4	1/4	1/4	389-1514	389-1614
SD-2	5/16	5/16	1/4	389-1516	389-1616
SD-3	3/8	3/8	1/4	389-1518	389-1618
SD-5	1/2	1/2	1/4	389-1520	389-1620
SD5L6	1/2	7/17	1/4	389-1519	389-1619
SD-6	5/8	5/8	1/4	389-1522	389-1622
SD-7	3/4	3/4	1/4	389-1524	389-1624
SD-9	1	1	1/4	389-1526	389-1626

Shape E- Oval



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SE-53	3/16"	9/32"	1/8"	389-2004	389-2104
SE-41	1/8	7/32	1/8	389-2006	389-2106
SE-51	1/4	3/8	1/8	389-2007	389-2107
SE-1	1/4	3/8	1/4	389-2010	389-2110
SE1L6	1/4	3/8	1/4	389-2009	389-2109
SE-3	3/8	5/8	1/4	389-2012	389-2112
SE3L6	3/8	5/8	1/4	389-2011	389-2111
SE-5	1/2	7/8	1/4	389-2014	389-2114
SE-6	5/8	1	1/4	389-2016	389-2116
SE-7	3/4	1	1/4	389-2018	389-2118

Shape F- Tree Radius End



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SF-53	3/16"	1/2"	1/8"	389-3002	389-3102
SF-41	1/8	1/4	1/8	389-3004	389-3104
SF-42	1/8	1/2	1/8	389-3006	389-3106
SF-11	1/8	1/2	1/4	389-3010	389-3110
SF-1	1/4	5/8	1/4	389-3012	389-3112
SF-3	3/8	3/4	1/4	389-3014	389-3114
SF-5	1/2	1	1/4	389-3016	389-3116
SF-6	5/8	1	1/4	389-3018	389-3118
SF-7	3/4	1	1/4	389-3020	389-3120

Carbide Burrs

Shape G- Tree Pointed End



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SG-43	1/8"	3/8"	1/8"	389-3502	389-3602
SG-44	1/8	1/2	1/8	389-3501	389-3601
SG-42	1/8	5/16	1/8	389-3504	389-3604
SG-41	1/8	1/4	1/8	389-3506	389-3606
SG-1	1/4	5/8	1/4	389-3510	389-3610
SG-3	3/8	3/4	1/4	389-3512	389-3612
SG-13	1/2	3/4	1/4	389-3514	389-3614
SG-5	1/2	1	1/4	389-3516	389-3616
SG-6	5/8	1	1/4	389-3518	389-3618
SG-7	3/4	1	1/4	389-3520	389-3620

Shape H- Flame



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SH-53	3/16"	3/8"	1/8"	389-2504	389-2604
SH41	1/8	1/4	1/8	389-2506	389-2606
SH-1	1/4	5/8	1/4	389-2510	389-2610
SH-2	5/16	3/4	1/4	389-2512	389-2612
SH-5	1/2	1-1/4	1/4	389-2514	389-2614
SH-6	5/8	1-7/16	1/4	389-2516	389-2616
SH-7	3/4	1-5/8	1/4	389-2518	389-2618

Shape J- 60° Cone



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SJ-42	1/8"	3/32"	1/8"	389-4006	389-4106
SJ-1	1/4	3/16	1/4	389-4010	389-4110
SJ-2	5/16	3/16	1/4	389-4012	389-4112
SJ-3	3/8	5/16	1/4	389-4014	389-4114
SJ-5	1/2	7/16	1/4	389-4016	389-4116
SJ-6	5/8	9/16	1/4	389-4018	389-4118
SJ-7	3/4	11/16	1/4	389-4020	389-4120
SJ-9	1	15/16	1/4	389-4022	389-4122

Shape K- 90° Cone



Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
SK-42	1/8"	1/16"	1/8"	389-4506	389-4606
SK-1	1/4	1/8	1/4	389-4510	389-4610
SK-2	5/16	3/16	1/4	389-4512	389-4612
SK-3	3/8	3/16	1/4	389-4514	389-4614
SK-5	1/2	1/4	1/4	389-4516	389-4616
SK-6	5/8	5/16	1/4	389-4518	389-4618
SK-7	3/4	3/8	1/4	389-4520	389-4620
SK-9	1	1/2	1/4	389-4522	389-4622

Shape L- Taper or Cone Radius End



Shape	Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
8° Taper	SL-53	3/16"	1/2"	1/8"	389-5002	389-5102
8° Taper	SL-42	1/8	1/2	1/8	389-5004	389-5104
8° Taper	SL-41	1/8	3/8	1/8	389-5006	389-5106
14° Taper	SL-1	1/4	5/8	1/4	389-5010	389-5110
14° Taper	SL-2	5/16	7/8	1/4	389-5012	389-5112
14° Taper	SL-3	3/8	1-1/16	1/4	389-5014	389-5114
14° Taper	SL-4	1/2	1-1/8	1/4	389-5016	389-5116
14° Taper	SL-5	5/8	1-3/16	1/4	389-5018	389-5118
14° Taper	SL-6	5/8	1-5/16	1/4	389-5020	389-5120
14° Taper	SL-7	3/4	1-1/2	1/4	389-5022	389-5122

Shape M- Taper or Cone Flat End



Shape	Style	Cutting Dia.	Cutting Length	Shank Diameter	Single Cut Order No.	Double Cut Order No.
16° Taper	SM-53	3/16"	1/2"	1/8"	389-5502	389-5602
7° Taper	SM-43	1/8	1/8	1/8	389-5504	389-5604
14° Taper	SM-42	1/8	7/16	1/8	389-5506	389-5606
12° Taper	SM-41	1/8	11/32	1/8	389-5508	389-5608
22° Taper	SM-51	1/4	1/2	1/8	389-5509	389-5609
22° Taper	SM-1	1/4	1/2	1/4	389-5510	389-5610
14° Taper	SM-2	1/4	3/4	1/4	389-5512	389-5612
10° Taper	SM-3	1/4	1	1/4	389-5514	389-5614
28° Taper	SM-4	3/8	5/8	1/4	389-5516	389-5616
28° Taper	SM-5	1/2	5/8	1/4	389-5518	389-5618
30° Taper	SM-6	5/8	1	1/4	389-5520	389-5620

Shape N- Inverted Cone



Shape	Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
10° Taper	SN-41	3/32"	1/8"	1/8"	389-6002	389-6102
10° Taper	SN-42	1/8	3/16	1/8	389-6004	389-6104
10° Taper	SN-53	3/16	1/4	1/8	389-6006	389-6106
10° Taper	SN-51	1/4	1/4	1/8	389-6009	389-6109
10° Taper	SN-1	1/4	5/16	1/4	389-6010	389-6110

Shape	Style	Cutting Dia.	Cutting Length	Shank Dia.	Single Cut Order No.	Double Cut Order No.
13° Taper	SN-2	3/8"	3/8"	1/4"	389-6012	389-6112
28° Taper	SN-4	1/2	1/2	1/4	389-6014	389-6114
18° Taper	SN-6	5/8	3/4	1/4	389-6016	389-6116
30° Taper	SN-7	3/4	5/8	1/4	389-6018	389-6118

DIN8032 Carbide Burrs

6mm Shank Dia.

Carbide burs feature a chisel type cutting edge. Machine ground and tool built to exacting tolerances of concentricity, size, and shape. Results in smooth running, fast metal removal and fine finishes when used with precision grinders.

Carbide Burrs-ZYA (Cylindrical)



Style	Cutting Dia.	Cutting Length	Order No.
ZYA0413	4mm	13	489-0004
ZYA0616	6mm	16	489-0006
ZYA0820	8mm	20	489-0008
ZYA1013	10mm	13	489-0010
ZYA1020	10mm	20	489-0011
ZYA1225	12mm	25	489-0012
ZYA1625	16mm	25	489-0016

Carbide Burrs-ZYAS (Cylindrical End Cut)



Style	Cutting Dia.	Cutting Length	Order No.
ZYAS 0413	4mm	13	489-0104
ZYAS 0616	6mm	16	489-0106
ZYAS 0820	8mm	20	489-0108
ZYAS 1013	10mm	13	489-0110
ZYAS 1020	10mm	20	489-0111
ZYAS 1225	12mm	25	489-0112
ZYAS 1625	16mm	25	489-0116

Carbide Burrs-WRC (Cylindrical Radius End)



Style	Cutting Dia.	Cutting Length	Order No.
WRC0413	4mm	13	489-0204
WRC0616	6mm	16	489-0206
WRC0820	8mm	20	489-0208
WRC1020	10mm	20	489-0210
WRC1225	12mm	25	489-0212
WRC1625	16mm	25	489-0216

Carbide Burrs-KUD (Ball)



Style	Cutting Dia.	Cutting Length	Order No.
KUD 0403	4mm	3.6	489-0304
KUD 0605	6mm	5.4	489-0306
KUD 0807	8mm	7.0	489-0308
KUD 1009	10mm	9.0	489-0310
KUD 1210	12mm	10.8	489-0312
KUD 1614	16mm	14.3	489-0316
KUD 2018	20mm	18.0	489-0320

Carbide Burrs-SPG (Three Pointed End)



Style	Cutting Dia.	Cutting Length	Order No.
SPG 0618	6mm	18	489-0406
SPG 1020	10mm	20	489-0410
SPG 1225	12mm	25	489-0412
SPG 1230	12mm	30	489-0413
SPG 1630	16mm	30	489-0416

Carbide Burrs-Tre (Oval)



Style	Cutting Dia.	Cutting Length	Order No.
TRE0610	6mm	10	489-0506
TRE0813	8mm	13	489-0508
TRE1016	10mm	16	489-0510
TRE1220	12mm	20	489-0512
TRE1625	16mm	25	489-0516

Carbide Burrs-SKM (Taper or Cone Flat End)



Style	Shape	Cutting Length	Order No.
SKM0618	18° 6mm	18	489-0606
SKM1020	28° 10mm	20	489-0610
SKM1225	26° 12mm	25	489-0612

Carbide Burrs-KEL (Taper or Cone Radius End)



Style	Cutting Dia.	Cutting Length	Order No.
KEL1020	14° 10mm	20	489-0710
KEL1225	14° 12mm	25	489-0712
KEL1230	14° 12mm	30	489-0713
KEL1630	14° 16mm	30	489-0716

Carbide Burrs-RBF (Three Radius End)



Style	Cutting Dia.	Cutting Length	Order No.
RBF0618	6mm	18	489-0806
RBF0820	8mm	20	489-0808
RBF1020	10mm	20	489-0810
RBF1225	12mm	25	489-0812
RBF1630	16mm	30	489-0816

Carbide Burrs-B (Flame)



Style	Cutting Dia.	Cutting Length	Order No.
B 0820	8mm	20	489-0908
B 1230	12mm	30	489-0912
B 1635	16mm	35	489-0916

Carbide Burr Sets

5 pc set, 1/8" Shank Diameter

Single Cut

Order No. 389-0972

Double Cut

Order No. 389-0982

Specifications

Style	Shank Dia.	Cutting Dia.	Cutting Length	OAL	Sharp
SA-51	1/8"	1/4"	1/2"	2"	Cylindrical
SC-51	1/8"	1/4"	1/2"	2"	Cylindrical Radius End
SF-51	1/8"	1/4"	1/2"	2"	Tree
SD-51	1/8"	1/4"	7/32"	2"	Ball
SM-51	1/8"	1/4"	1/2"	2"	Cone,22deg



5 pc set, 1/4" Shank Diameter

Single Cut

Order No. 389-0971

Double Cut

Order No. 389-0981

Specifications

Style	Shank Dia.	Cutting Dia.	Cutting Length	OAL	Sharp
SA-1	1/4"	1/4"	5/8"	2"	Cylindrical
SC-1	1/4"	1/4"	5/8"	2"	Cylindrical Radius End
SF-1	1/4"	1/4"	5/8"	2"	Tree
SD-1	1/4"	1/4"	3/16"	2"	Ball
SM-1	1/4"	1/4"	1/2"	2"	Cone,22deg



12 pc set, 1/4" Shank Diameter

Single Cut

Order No. 389-0974

Double Cut

Order No. 389-0984

Specifications

Style	Shank Dia.	Cutting Dia.	Cutting Length	OAL	Sharp
SA-1	1/4"	1/4"	5/8"	2"	Cylindrical
SC-1	1/4"	1/4"	5/8"	2"	Cylindrical Radius End
SD-1	1/4"	1/4"	1/4"	2"	Ball
SE-1	1/4"	1/4"	3/8"	2"	Oval
SF-1	1/4"	1/4"	5/8"	2"	Tree
SG-1	1/4"	1/4"	5/8"	2"	Tree Point End
SH-1	1/4"	1/4"	5/8"	2"	Flame
SJ-1	1/4"	1/4"	3/16"	2"	Cone,60Deg
SK-1	1/4"	1/4"	1/8"	2"	Cone,60Deg
SL-1	1/4"	1/4"	5/8"	2"	Taper radius End,14deg
SM-1	1/4"	1/4"	1/2"	2"	Cone,22deg
SN-1	1/4"	1/4"	5/16"	2"	Inverted Cone,10deg



9 pc set, 1/8" Shank Diameter

Single Cut

Order No. 389-0951

Double Cut

Order No. 389-0961

Specifications

Style	Shank Dia.	Cutting Dia.	Cutting Length	OAL	Sharp
SA-51	1/8"	1/4"	1/2"	2"	Cylindrical
SB-51	1/8"	1/4"	3/16"	2"	Cylindrical End Cut
SC-51	1/8"	1/4"	1/2"	2"	Cylindrical Radius End
SD-51	1/8"	1/4"	7/32"	2"	Ball
SE-51	1/8"	1/4"	3/8"	2"	Oval
SF-51	1/8"	1/4"	1/2"	2"	Tree
SG-51	1/8"	1/4"	1/2"	2"	Tree Point End
SM-51	1/8"	1/4"	1/2"	2"	Cone,22deg
SN-51	1/8"	1/4"	1/4"	2"	Inverted Cone,10deg



12 pc set, 1/8" Shank Diameter

Single Cut

Order No. 389-0976

Double Cut

Order No. 389-0986

Specifications

Style	Shank Dia.	Cutting Dia.	Cutting Length	OAL	Sharp
SA-1	1/8"	3/32"	7/16"	1-1/2"	Cylindrical
SC-1	1/8"	1/8"	9/16"	1-1/2"	Cylindrical Radius End
SD-1	1/8"	3/32"	7/16"	1-1/2"	Ball
SE-1	1/8"	1/8"	9/16"	1-1/2"	Oval
SF-1	1/8"	1/8"	1/8"	1-1/2"	Tree
SG-1	1/8"	1/8"	7/32"	1-1/2"	Tree Point End
SH-1	1/8"	1/8"	1/2"	1-1/2"	Flame
SJ-1	1/8"	1/8"	3/8"	1-1/2"	Cone,60Deg
SK-1	1/8"	1/8"	1/4"	1-1/2"	Cone,60Deg
SL-1	1/8"	1/8"	1/2"	1-1/2"	Taper radius End,14deg
SM-1	1/8"	1/8"	7/16"	1-1/2"	Cone,22deg
SN-1	1/8"	1/8"	3/16"	1-1/2"	Inverted Cone,10deg



16 pc set, 1/4" Shank Diameter

Single Cut

Order No. 389-0978

Double Cut

Order No. 389-0988

Specifications

Style	Shank Dia.	Cutting Dia.	Cutting Length	OAL	Sharp
SA-1	1/4"	1/4"	5/8"	2"	Cylindrical
SA-3	1/4"	3/8"	3/4"	2"	Cylindrical
SA-5	1/4"	1/2"	1"	2"	Cylindrical
SC-1	1/4"	1/4"	5/8"	2"	Cylindrical Radius End
SC-3	1/4"	3/8"	3/4"	2"	Cylindrical Radius End
SC-5	1/4"	1/2"	1"	2"	Cylindrical Radius End
SD-3	1/4"	3/8"	3/8"	2"	Ball
SD-5	1/4"	1/2"	1/2"	2"	Ball
SE-3	1/4"	3/8"	5/8"	2"	Oval
SF-1	1/4"	1/4"	5/8"	2"	Tree
SF-3	1/4"	3/8"	3/4"	2"	Tree
SF-5	1/4"	1/2"	1"	2"	Tree
SG-1	1/4"	1/4"	5/8"	2"	Tree Point End
SG-3	1/4"	3/8"	3/4"	2"	Tree Point End
SL-3	1/4"	3/8"	1-1/16"	2"	Taper radius End,14deg
SL-4	1/4"	1/2"	1-1/8"	2"	Taper radius End,14deg

