

2018 GENERAL PURPOSE CATALOG



Premium Solid Carbide & Cobalt HSS End Mills, Drills, & Cutting Tools

www.melintool.com



Carbide Burs



Page
140

SA Burs- Double Cut, Cylindrical No Endcut
Series: **SA**



Page
140

SB Burs- Double Cut, Cylindrical With Endcut
Series: **SB**



Page
140

SC Burs- Double Cut, Radius Cylinder
Series: **SC**



Page
140

SD Burs- Double Cut, Ball Shape
Series: **SD**



Page
140

SE Burs- Double Cut, Oval Shape
Series: **SE**



Page
140

SF Burs- Double Cut, Tree Shape
Series: **SF**



Page
141

SG Burs- Double Cut, Pointed Tree Shape
Series: **SG**



Page
141

SH Burs- Double Cut, Flame Shape
Series: **SH**



Page
141

SJ Burs- Single Cut, 60° Included Cone
Series: **SJ**



Page
141

SK Burs- Single Cut, 90° Included Cone
Series: **SK**



Page
141

SL Burs- Double Cut, 8° Or 14° Included Cone
Series: **SL**

Carbide Burs



Page
141

SM Burs- Double Cut, Pointed Cone Shape
Series: **SM**



Page
141

SN Burs- Double Cut, Inverted Cone Shape
Series: **SN**

TECHNICAL

COATING CHARTS

Page
10

Explore our diverse coating options to maximize performance

ICON GLOSSARY

Page
13

Tool characteristics, target work piece hardness, ISO material group & machining operations

CUSTOM TOOLING

Page
14

Explore our options for getting you the perfect tool for the job

OUR PART NUMBERS

Page
15

Understand our part number to order tools quickly

SPEED & FEED

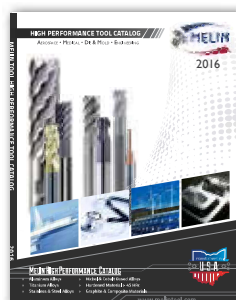
Page
142

Speed and Feed Charts - Also listed online at www.melintool.com

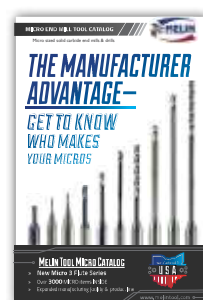
ADDITIONAL PRODUCT

Melin offers additional products in our [HIGH PERFORMANCE CATALOG](#) and [MICRO END MILL CATALOG](#).

Online at www.melintool.com or call customer service at PH: 216-362-4200 or 1-800-521-1078



MELIN HIGH PERFORMANCE CATALOG



MICRO CATALOG

Multiple Shape • GENERAL PURPOSE CARBIDE BURS

Series: SA - DOUBLE CUT
CYLINDRICAL NO ENDCUT



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
3/32	1/8	7/16	1-1/2	SA-42DC	13489
1/8	1/8	9/16	1-1/2	SA-43DC	13490
1/4	1/8	1/2	2	SA-51DC	13491
1/4	1/4	5/8	2	SA-1DC	13492
3/8	1/4	3/4	2-1/2	SA-3DC	13493
1/2	1/4	1	2-3/4	SA-5DC	13494
5/8	1/4	1	2-3/4	SA-6DC	13495
3/4	1/4	1	2-3/4	SA-7DC	13496
1	1/4	1	2-3/4	SA-9DC	13497

Series: SB - DOUBLE CUT
CYLINDRICAL WITH ENDCUT



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	9/16	1-1/2	SB-43DC	13498
1/4	1/8	3/16	2-15/16	SB-51DC	13499
1/4	1/4	5/8	2	SB-1DC	13500
3/8	1/4	3/4	2-1/2	SB-3DC	13501
1/2	1/4	1	2-3/4	SB-5DC	13502
5/8	1/4	1	2-3/4	SB-6DC	13503
3/4	1/4	1	2-3/4	SB-7DC	13504
1	1/4	1	2-3/4	SB-9DC	13505

Series: SC - DOUBLE CUT
RADIUS CYLINDRICAL



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
3/32	1/8	7/16	1-1/2	SC-41DC	13506
1/8	1/8	9/16	1-1/2	SC-42DC	13507
1/4	1/8	1/2	2	SC-51DC	13508
1/4	1/4	5/8	2	SC-1DC	13509
3/8	1/4	3/4	2-1/2	SC-3DC	13510
1/2	1/4	1	2-3/4	SC-5DC	13511
5/8	1/4	1	2-3/4	SC-6DC	13512
3/4	1/4	1	2-3/4	SC-7DC	13513

Series: SD - DOUBLE CUT
BALL SHAPE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	1/8	1-1/2	SD-42DC	13514
1/4	1/8	7/32	2	SD-51DC	13515
1/4	1/4	7/32	2	SD-1DC	13516
3/8	1/4	5/16	2-1/8	SD-3DC	13517
1/2	1/4	7/16	2-1/4	SD-5DC	13518
5/8	1/4	9/16	2-3/8	SD-6DC	13519
3/4	1/4	11/16	2-1/2	SD-7DC	13520
1	1/4	15/16	2-3/4	SD-9DC	13521

Series: SE - DOUBLE CUT
OVAL SHAPE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	7/32	1-1/2	SE-41DC	13522
1/4	1/8	3/8	1-3/4	SE-51DC	13523
1/4	1/4	3/8	2	SE-1DC	13524
3/8	1/4	5/8	2-3/8	SE-3DC	13525
1/2	1/4	7/8	2-5/8	SE-5DC	13526
5/8	1/4	1	2-3/4	SE-6DC	13527
3/4	1/4	1	2-3/4	SE-7DC	13528

Series: SF - DOUBLE CUT
TREE SHAPE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	1/4	1-1/2	SF-41DC	13529
1/8	1/8	1/2	1-1/2	SF-42DC	13530
1/4	1/4	5/8	2	SF-1DC	13531
3/8	1/4	3/4	2-1/2	SF-3DC	13532
1/2	1/4	1	2-3/4	SF-5DC	13533
5/8	1/4	1	2-3/4	SF-6DC	13534
3/4	1/4	1	2-3/4	SF-7DC	13535

GENERAL PURPOSE CARBIDE END MILL

Multiple Shape • GENERAL PURPOSE CARBIDE BURS

Series: SG - DOUBLE CUT
POINTED TREE SHAPE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	1/4	1-1/2	SG-41DC	13536
1/8	1/8	3/8	1-1/2	SG-43DC	13537
1/4	1/8	1/2	2	SG-51DC	13538
1/4	1/4	5/8	2	SG-1DC	13539
3/8	1/4	3/4	2-1/2	SG-3DC	13540
1/2	1/4	1	2-3/4	SG-5DC	13541
5/8	1/4	1	2-3/4	SG-6DC	13542
3/4	1/4	1	2-3/4	SG-7DC	13543

Series: SH - DOUBLE CUT
FLAME SHAPE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	1/4	1-1/2	SH-41DC	13544
1/4	1/4	1/2	2	SH-1DC	13545
1/2	1/4	1-1/4	3	SH-5DC	13546
5/8	1/4	1-7/16	3-3/16	SH-6DC	13547
3/4	1/4	1-5/8	3-3/8	SH-7DC	13548

Series: SJ - SINGLE CUT
60° INCLUDED CONE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	3/32	1-1/2	SJ-42SC	13586
1/4	1/4	3/16	2	SJ-1SC	13549
3/8	1/4	5/16	2-1/16	SJ-3SC	13550
1/2	1/4	7/16	2-3/16	SJ-5SC	13551
5/8	1/4	9/16	2-5/16	SJ-6SC	13552
3/4	1/4	11/16	2-7/16	SJ-7SC	13553
1	1/4	15/16	2-9/16	SJ-9SC	13554

Series: SK - SINGLE CUT
90° INCLUDED CONE



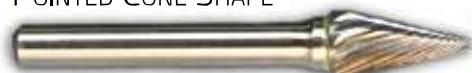
DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	1/16	1-1/2	SK-42SC	13555
1/4	1/4	1/8	2	SK-1SC	13556
3/8	1/4	3/16	1-15/16	SK-3SC	13557
1/2	1/4	1/4	2	SK-5SC	13558
5/8	1/4	5/16	2-1/16	SK-6SC	13559
3/4	1/4	3/8	2-1/8	SK-7SC	13560
1	1/4	1/2	2-1/4	SK-9SC	13561

Series: SL - DOUBLE CUT
8° OR 14° INCLUDED CONE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	3/8	1-1/2	SL-41DC	13562
1/8	1/8	1/2	1-1/2	SL-42DC	13563
1/4	1/4	5/8	2	SL-1DC	13564
3/8	1/4	1-1/16	2-13/16	SL-3DC	13565
1/2	1/4	1-1/8	2-7/8	SL-4DC	13566
5/8	1/4	1-5/16	3-1/16	SL-6DC	13567
3/4	1/4	1-1/2	3-1/4	SL-7DC	13568

Series: SM - DOUBLE CUT
POINTED CONE SHAPE



DIA	SHK	LOC	OAL	TOOL	BRIGHT EDP
1/8	1/8	11/32	1-1/2	SM-41DC	13569
1/8	1/8	7/16	1-1/2	SM-42DC	13570
1/8	1/8	5/8	1-1/2	SM-43DC	13571
1/4	1/8	1/2	2-1/8	SM-51DC	13572
1/4	1/4	1/2	2	SM-1DC	13573
1/4	1/4	3/4	2	SM-2DC	13574
1/4	1/4	1	2	SM-3DC	13575
3/8	1/4	5/8	2-3/8	SM-4DC	13576
1/2	1/4	7/8	2-5/8	SM-5DC	13577
5/8	1/4	1	2-3/4	SM-6DC	13578

Series: SN - DOUBLE CUT
INVERTED CONE SHAPE



DIA	SHK	LOC	OAL	ANGLE	TOOL	BRIGHT EDP
1/8	1/8	3/16	1-1/2	10°	SN-42DC	13579
1/4	1/8	1/4	1-3/4	10°	SN-51DC	13580
1/4	1/4	5/16	2	10°	SN-1DC	13581
1/2	1/4	1/2	2-1/4	16°	SN-3DC	13582
1/2	1/4	1/2	2-1/4	28°	SN-4DC	13583
5/8	1/4	3/4	2-1/2	18°	SN-6DC	13584
3/4	1/4	5/8	2-3/8	30°	SN-7DC	13585