



Abrasive expert.

SUHNER[®]



Carbide burrs

Quality and performance from a good background

Since 1914, **SUHNER** has been designing, engineering and manufacturing machines and tools for surface finishing. Through comprehensive research and development, uncompromising standards of quality and an intensive exchange of experience with a discerning clientele using our products, individual solutions have been found to the everyday practical problems in industry and trade.

With its state of the art factories in several countries and its world-wide sales network, **SUHNER** is among the leading companies in the field of surface finishing.

Carbide burrs: Long life, high quality

- Extremely high cutting rates and long life, can be reground repeatedly
- More than 65 years' experience lie behind **SUHNER** fully automatic production of TC cutters and carbide burrs
- Ideally packed to prevent damage
- Distinctive: 5 different tooth patterns for maximum performance on any material
- Professional chip removal and excellent finish with the special NK double-cut diamond tooth pattern
- Smooth running, especially with **SUHNER** drive tools and their precision bearings

Applications:

chamfering, deburring, milling, trimming of weld seams, enlargements of wholes and deep wholes, for all metals



Tungsten carbide burrs

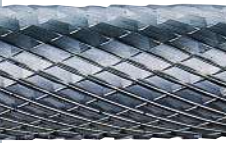
Cut style

N Standard cut



Recommended for general deburring and weld removal where a scratch free surface is paramount.

NK Double cut



A universal cutting style offering smooth operation with a high cutting action, producing short chips and no clogging.

NKC Cross cut



Short chip formation for use on high tensile steels.

NKD Special coarse cut



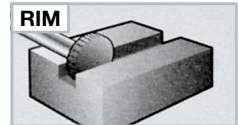
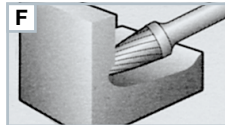
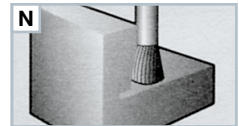
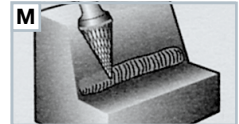
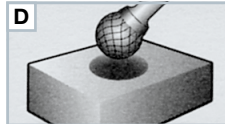
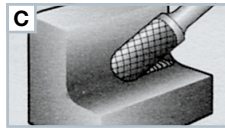
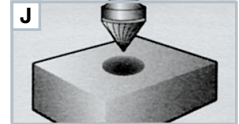
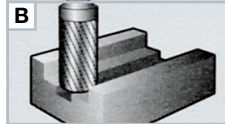
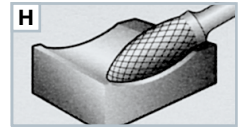
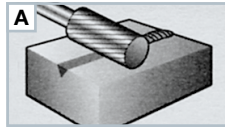
Features a stronger tooth formation (angle 90°) compared to conventional burrs with up to an extra 50% life and an extra 40% stock removal. Therefore, it offers improved productivity on steels, stainless steels, cast iron and other non-ferrous metals.

GA Aluminium cut



Ideal for aluminium alloys, soft non-ferrous metals and thermoplastics, producing easy chipflow and smooth operation.

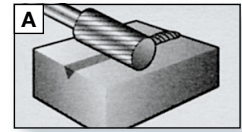
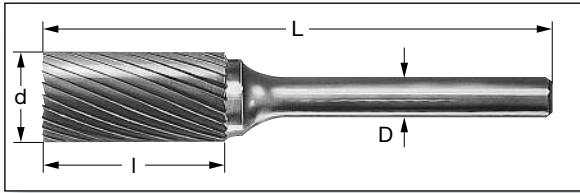
Shape



Material	Fluting	Efficient working speed (typical)
Stainless steels, cast steel, steel above 500 N/mm ²	N, NK, NKC, NKD	
Plastics, hardwood, vulcanized rubber	GA	
Grey iron, NF metals, highly ductile materials	N, NK	
Aluminium alloys	GA	
Cast steel, weld seams, high-strength hardened and free cutting steels	N, NK	
Hardened steels and high-strength materials	N, NK, NKC, NKD	

A general rule: The harder the workpiece, the finer the tothing. The finer the tothing, the smoother the finish.

A

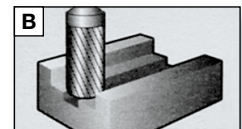
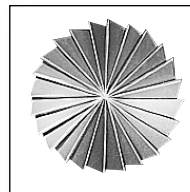
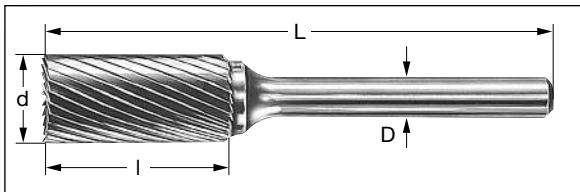


Cylinder without end cut

Type		A 03/13	A 06/13	A 06/19	A 08/19	A 10/19	A 12/19
d × l mm		3 × 13	6 × 13	6 × 19	8 × 19	10 × 19	12 × 19
D × L mm		3 × 38	3 × 45	6 × 50	6 × 65	6 × 65	6 × 65
Order No.	N	912003	912006	912012	912015	912018	912022
	NK	912005	912008	912014	912017	912021	912024
	NKC	–	–	912013	–	912019	–
	NKD	–	–	–	–	912495	–

Type		A 12/25	A 16/25	A 16/25			
d × l mm		12 × 25	16 × 25	16 × 25			
D × L mm		6 × 70	6 × 70	8 × 70			
Order No.	N	912025	912033	912036			
	NK	912027	912035	912038			
	NKC	–	–	–			
	NKD	912028	–	–			

B



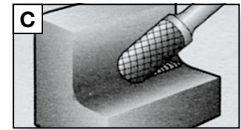
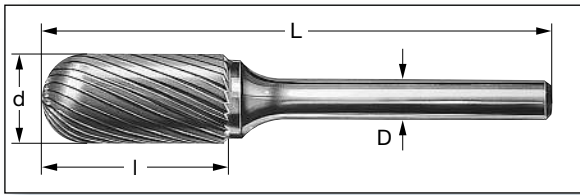
Cylinder with end cut

Type		B 03/13	BL 03/13	B 06/13	B 06/19	BL 06/19	B 08/19
d × l mm		3 × 13	3 × 13	6 × 13	6 × 19	6 × 19	8 × 19
D × L mm		3 × 38	3 × 63	3 × 45	6 × 50	6 × 75	6 × 65
Order No.	N	912042	912419	912045	912051	912425	912054
	NK	912044	912421	912047	912053	–	912056
	NKC	–	–	–	–	–	–
	NKD	–	–	–	–	–	–

Type		B 10/19	B 10/25	B 12/19	B 12/25	B 16/25	B 16/25
d × l mm		10 × 19	10 × 25	12 × 19	12 × 25	16 × 25	16 × 25
D × L mm		6 × 65	6 × 70	6 × 65	6 × 70	6 × 70	8 × 70
Order No.	N	912057	–	912061	912064	912072	912075
	NK	912059	912579	912063	912066	912074	912077
	NKC	–	–	–	–	–	–
	NKD	912060	–	–	912067	–	–



C

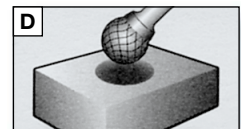
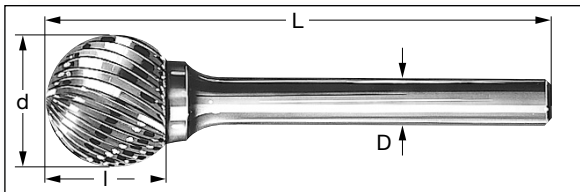


Ball nosed cylinder

Type		C 03/13	C 06/13	C 06/19	C 08/19	C 10/19
d × l mm		3 × 13	6 × 13	6 × 19	8 × 19	10 × 19
D × L mm		3 × 38	3 × 45	6 × 50	6 × 65	6 × 65
Order No.	N	912 099	912 102	912 105	912 108	912 112
	NK	912 101	912 104	912 107	912 110	912 114
	NKC	912 100	–	912 106	–	912 113
	NKD	–	–	–	912 111	912 115

Type		C 12/19	C 12/25	C 16/25	C 16/25	
d × l mm		12 × 19	12 × 25	16 × 25	16 × 25	
D × L mm		6 × 65	6 × 70	6 × 70	8 × 70	
Order No.	N	912 116	912 120	912 128	912 132	
	NK	912 118	912 122	912 130	912 134	
	NKC	912 117	912 121	–	–	
	NKD	912 119	912 123	912 131	912 135	

D



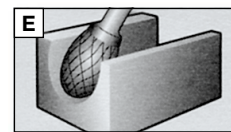
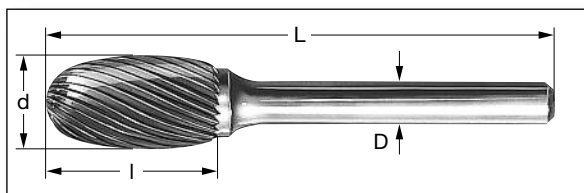
Ball

Type		D 03/03	D 04/04	D 06/06	D 06/06	D 08/07	D 10/09
d × l mm		3 × 2.7	4 × 3.6	6 × 5.4	6 × 5.4	8 × 7.2	10 × 9
D × L mm		3 × 38	3 × 45	3 × 38	6 × 50	6 × 52	6 × 53
Order No.	N	912 201	912 207	912 204	912 210	912 213	912 216
	NK	912 203	912 209	912 206	912 212	912 215	912 218
	NKC	912 202	–	912 205	–	912 214	912 217
	NKD	–	–	–	–	–	912 219

Type		D 12/11	D 16/15	D 19/17	D 19/17		
d × l mm		12 × 10.8	16 × 14.4	19 × 17.1	19 × 17.1		
D × L mm		6 × 55	6 × 60	6 × 63	8 × 63		
Order No.	N	912 220	912 228	912 234	912 236		
	NK	912 222	912 230	–	–		
	NKC	912 221	–	–	912 237		
	NKD	912 223	–	–	–		



E

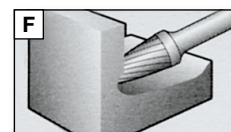
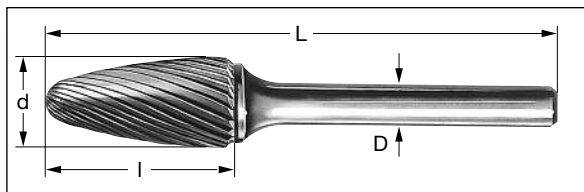


Oval

Type		E 03/06	E 06/10	E 08/13	E 10/16
d × l mm		3 × 6	6 × 10	8 × 13	10 × 16
D × L mm		3 × 38	3 × 42	6 × 58	6 × 60
Order No.	N	912267	912270	912273	912276
	NK	912269	912272	912275	912278
	NKC	–	–	–	912277
	NKD	–	–	–	912279

Type		E 12/22	E 16/25	E 16/25	
d × l mm		12 × 22	16 × 25	16 × 25	
D × L mm		6 × 67	6 × 70	8 × 70	
Order No.	N	912280	912288	912291	
	NK	912282	912290	912293	
	NKC	912281	–	912292	
	NKD	912283	–	–	

F



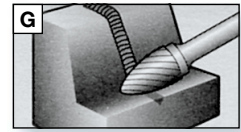
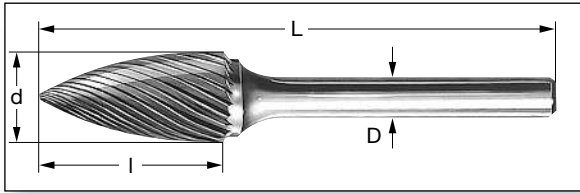
Ball nosed tree

Type		F 03/13	F 06/13	F 06/16	F 10/19
d × l mm		3 × 13	6 × 13	6 × 16	10 × 19
D × L mm		3 × 38	3 × 45	6 × 50	6 × 65
Order No.	N	912238	912241	912244	912247
	NK	912240	912243	912246	912249
	NKC	–	–	912245	912248
	NKD	–	–	–	912250

Type		F 12/25	F 16/25	F 16/25	
d × l mm		12 × 25	16 × 25	16 × 25	
D × L mm		6 × 70	6 × 70	8 × 70	
Order No.	N	912251	912259	912263	
	NK	912253	912261	912265	
	NKC	912252	–	–	
	NKD	912254	912262	912266	



G

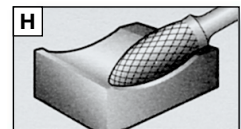
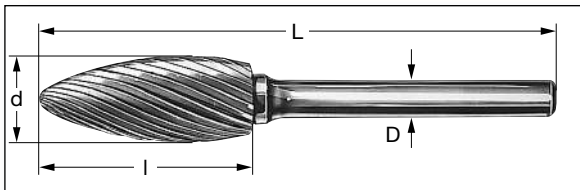


Tree

Type		G 03/13	G 06/13	G 06/16	G 08/19	G 10/19
d × l mm		3 × 13	6 × 13	6 × 16	8 × 19	10 × 19
D × L mm		3 × 38	3 × 45	6 × 50	6 × 65	6 × 65
Order No.	N	912 172	912 175	912 178	–	912 181
	NK	912 174	912 177	912 180	912 578	912 183
	NKC	–	–	912 179	–	912 182
	NKD	–	–	–	–	–

Type		G 12/19	G 12/25	G 16/25	G 16/25	
d × l mm		12 × 19	12 × 25	16 × 25	16 × 25	
D × L mm		6 × 65	6 × 70	6 × 70	8 × 70	
Order No.	N	912 184	912 187	912 195	912 198	
	NK	912 186	912 189	912 197	912 200	
	NKC	–	912 188	–	912 199	
	NKD	–	912 190	–	–	

H

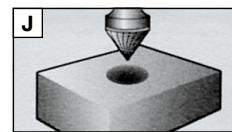
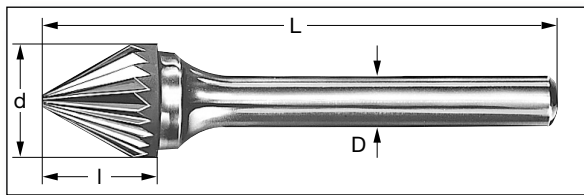


Flame

Type		H 03/08	H 06/14	H 08/19	H 12/32	
d × l mm		3 × 8	6 × 14	8 × 19	12 × 32	
D × L mm		3 × 38	6 × 50	6 × 65	6 × 77	
Order No.	N	912 294	912 297	912 300	912 303	
	NK	912 296	912 299	912 302	912 305	
	NKC	–	–	912 301	912 304	
	NKD	–	–	–	912 306	



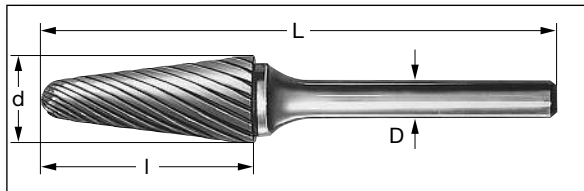
J



Countersink

Type		J 12/11 60°	J 10/05 90°	J 16/08 90°
d × l mm		12 × 11	10 × 5	16 × 8
D × L mm		6 × 60	6 × 55	6 × 60
Order No.	N	912 311	912 314	912 315
	NK	912 313	–	–
	NKC	–	–	–
	NKD	–	–	–

L

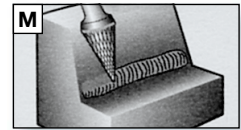
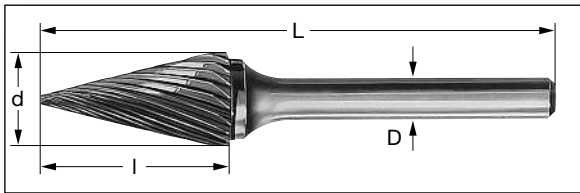


Ball nosed cone 14°

Type		L 03/08	L 06/13	L 06/16	L 10/19	L 10/27
d × l mm		3 × 8	6 × 13	6 × 16	10 × 19	10 × 27
D × L mm		3 × 38	3 × 45	6 × 50	6 × 65	6 × 75
Order No.	N	912 138	912 139	912 142	912 145	912 150
	NK	912 472	912 141	912 144	912 147	912 473
	NKC	–	–	–	912 146	–
	NKD	–	–	–	–	912 474

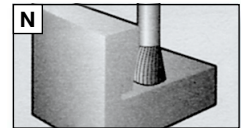
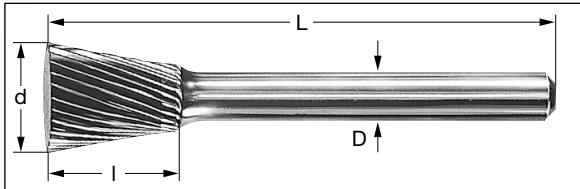
Type		L 12/30	L 16/33	L 16/33		
d × l mm		12 × 30	16 × 33	16 × 33		
D × L mm		6 × 75	6 × 78	8 × 78		
Order No.	N	912 475	912 483	912 163		
	NK	912 477	912 162	912 165		
	NKC	912 476	–	–		
	NKD	912 478	–	–		



M

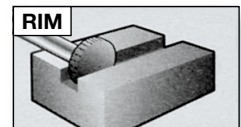
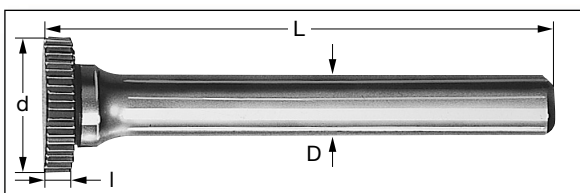
Cone

Type		M 03/11	M 06/13	M 06/19	M 10/16	M 12/19	M 12/22	
d × l mm		3 × 11	6 × 13	6 × 19	10 × 16	12 × 19	12 × 22	
D × L mm		3 × 38	3 × 45	6 × 50	6 × 65	6 × 65	6 × 70	
Angle		14°	22°	14°	28°	35°	28°	
Order No.	N	912 078	912 081	912 496	912 087	912 090	912 093	
	NK	912 352	912 083	912 086	912 497	912 498	912 095	
	NKC	–	–	–	–	912 091	912 094	

N

Inverted cone without end cut

Type		N 03/07	N 06/07	N 12/13	
d × l mm		3 × 7	6 × 7	12 × 13	
D × L mm		3 × 38	6 × 50	6 × 58	
Angle		10°	10°	20°	
Order No.	N	912 316	912 319	912 322	
	NK	912 318	912 321	912 324	

RIM

RIM

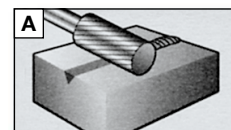
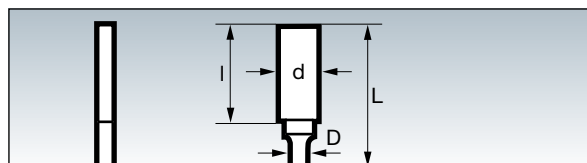
Type		RIM 10/1.6	RIM 12/2.6	RIM 25/5.2	RIM 25/6.3
d × l mm		10 × 1.6	12 × 2.6	25 × 5.2	25 × 6.3
D × L mm		3 × 34	6 × 48	8 × 50	8 × 51
Order No.	N	912 166	912 168	912 169	912 170



Miniature burrs

A

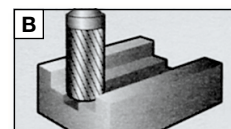
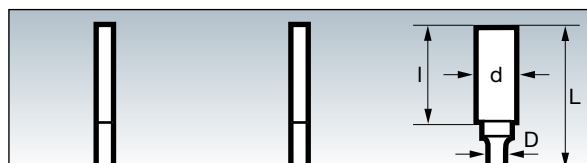
Miniature



Type		A 03/13	A 06/13	
d × l mm		3 × 13	6 × 13	
D × L mm		3 × 38	3 × 45	
Order No.	N	912 003	912 006	
	NK	912 005	912 008	
	NKC	–	–	
	NKD	–	–	

B

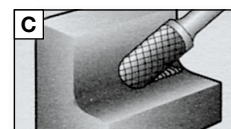
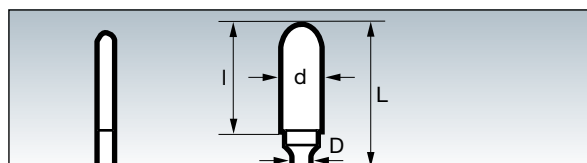
Miniature



Type		B 03/13	BL 03/13	B 06/13
d × l mm		3 × 13	3 × 13	6 × 13
D × L mm		3 × 38	3 × 63	3 × 45
Order No.	N	912 042	912 419	912 045
	NK	912 044	912 421	912 047
	NKC	–	–	–
	NKD	–	–	–

C

Miniature

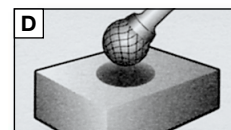
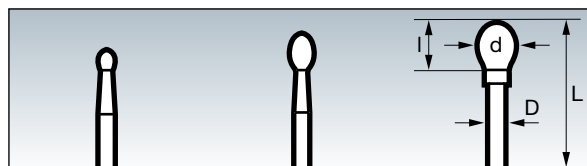


Type		C 03/13	C 06/13	
d × l mm		3 × 13	6 × 13	
D × L mm		3 × 38	3 × 45	
Order No.	N	912 099	912 102	
	NK	912 101	912 104	
	NKC	–	–	
	NKD	–	–	



D

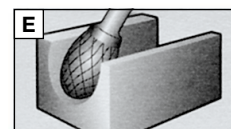
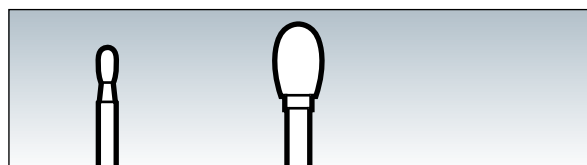
Miniature



Type		D 03/03	D 04/04	D 06/06
d × l mm		3 × 2.7	4 × 3.6	6 × 5.4
D × L mm		3 × 38	3 × 45	3 × 38
Order No.	N	912201	912207	912204
	NK	912203	912209	912206
	NKC	912202	–	912205
	NKD	–	–	–

E

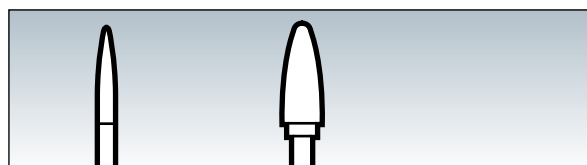
Miniature



Type		E 03/06	E 06/10	
d × l mm		3 × 6	6 × 10	
D × L mm		3 × 38	3 × 42	
Order No.	N	912267	912270	
	NK	912269	912272	
	NKC	–	–	
	NKD	–	–	

F

Miniature

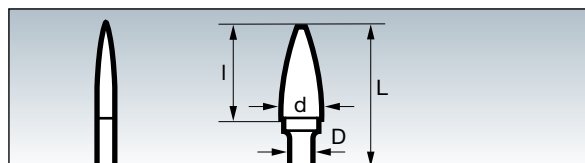


Type		F 03/13	F 06/13	
d × l mm		3 × 13	6 × 13	
D × L mm		3 × 38	3 × 45	
Order No.	N	912238	912241	
	NK	912240	912243	
	NKC	–	–	
	NKD	–	–	



G

Miniature



Type		G 03/13	G 06/13	
d × l mm		3 × 13	6 × 13	
D × L mm		3 × 38	3 × 45	
Order No.	N	912 172	912 175	
	NK	912 174	912 177	
	NKC	–	–	
	NKD	–	–	

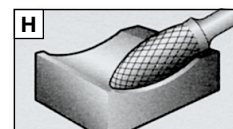


H

Miniature

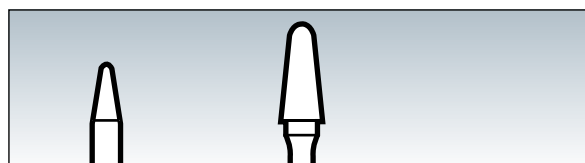


Type		H 03/08		
d × l mm		3 × 8		
D × L mm		3 × 38		
Order No.	N	912 294		
	NK	912 296		
	NKC	–		
	NKD	–		



L

Miniature

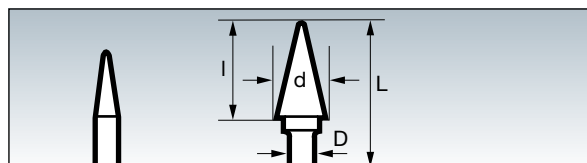


Type		L 03/08	L 06/13	
d × l mm		3 × 8	6 × 13	
D × L mm		3 × 38	3 × 45	
Order No.	N	912 138	912 139	
	NK	912 472	912 141	
	NKC	–	–	
	NKD	–	–	

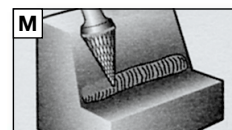


M

Miniature



Type		M 03/11	M 06/13	
d × l mm		3 × 11	6 × 13	
D × L mm		3 × 38	3 × 45	
Order No.	N	912 078	912 081	
	NK	912 352	912 083	
	NKC	–	–	
	NKD	–	–	

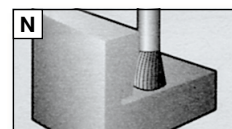


N

Miniature



Type		N 03/07		
d × l mm		3 × 7		
D × L mm		3 × 38		
Order No.	N	912 316		
	NK	912 318		
	NKC	–		
	NKD	–		

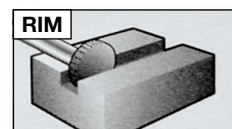


RIM

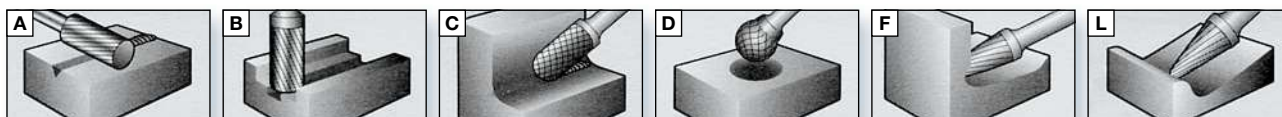
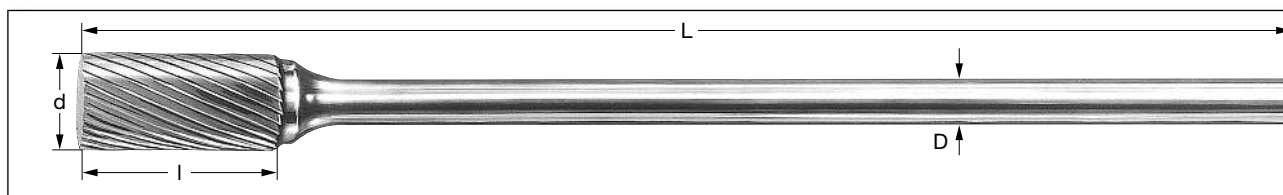
Miniature



Type		RIM 10/1.6		
d × l mm		10 × 1.6		
D × L mm		3 × 34		
Order No.	N	912 166		
	NK	–		
	NKC	–		
	NKD	–		



Extra long burrs

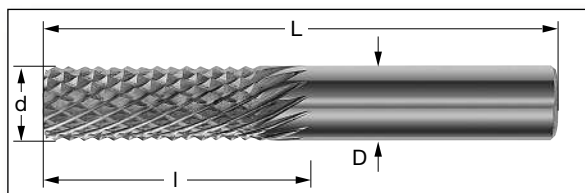


Type		AXL 10/19	AXL 12/25	CXL 10/19	CXL 12/25	DXL 10/09	DXL 12/11
d × l mm		10 × 19	12 × 25	10 × 19	12 × 25	10 × 9	12 × 10.8
D × L mm		6 × 169	6 × 175	6 × 169	6 × 175	6 × 159	6 × 160.8
Order No.	N	912 429	912 431	912 433	912 435	912 445	912 447
	NK	912 430	912 432	912 434	912 436	912 446	912 448

Type		GXL 10/19	GXL 12/25	FXL 10/19	FXL 12/25	LXL 10/27	LXL 12/30
d × l mm		10 × 19	12 × 25	10 × 19	12 × 25	10 × 27	12 × 30
D × L mm		6 × 169	6 × 175	6 × 169	6 × 175	6 × 177	6 × 180
Order No.	N	912 441	912 443	912 449	912 451	912 437	912 439
	NK	912 442	912 444	912 450	912 452	912 438	912 440

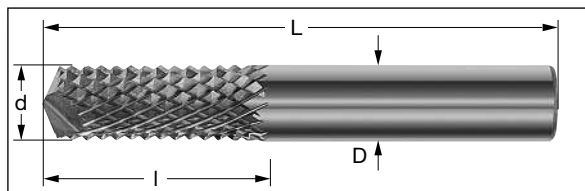
Routers – Diamond cut

The routers are recommended for use on phenolics, fibre glass and hard non-metallic materials. They can be used in manual or CNC set-ups. For best results tools should be rigidly mounted in accurate collet chucks.



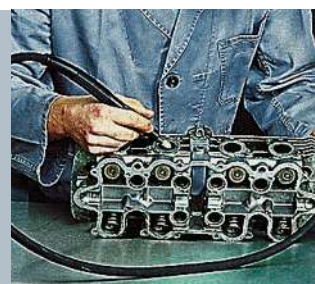
with end cut

Type	B 06/19 R 261	B 08/25 R 261
d × l mm	6 × 19	8 × 25
D × L mm	6 × 63	8 × 63
Order No.	912 655	912 656



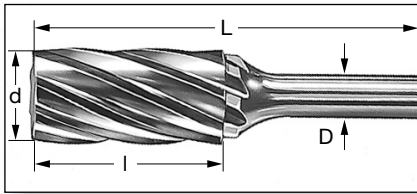
135°

Type	B 06/19 R 263	B 08/25 R 263
d × l mm	6 × 19	8 × 25
D × L mm	6 × 63	8 × 63
Order No.	912 657	912 658



Aluminium cut burrs

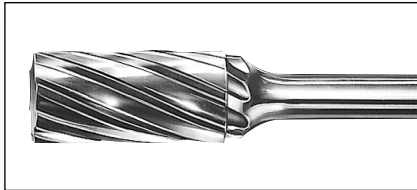
A



Cylinder without end cut

Type		A 10/19	A 12/25	A 16/25
d × l mm		10 × 19	12 × 25	16 × 25
D × L mm		6 × 65	6 × 70	8 × 70
Order No.	GA	912 469	912 470	912 471

B

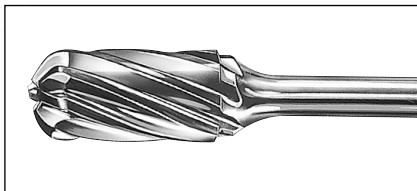


Cylinder with end cut



Type		B 10/19	B 12/25	B 16/25
d × l mm		10 × 19	12 × 25	16 × 25
D × L mm		6 × 65	6 × 70	8 × 70
Order No.	GA	912 466	912 467	912 468

C



Ball nosed cylinder

Type		C 10/19	C 12/25	C 16/25
d × l mm		10 × 19	12 × 25	16 × 25
D × L mm		6 × 65	6 × 70	8 × 70
Order No.	GA	912453	912454	912455

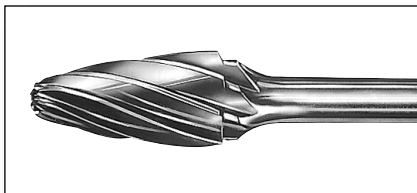
D



Ball

Type	D 10/09	D 12/11	D 12/11	D 16/15	
d × l mm	10 × 9	12 × 10.8	12 × 10.8	16 × 14.4	
D × L mm	6 × 53	6 × 60	8 × 55	8 × 55	
Order No.	GA	912 457	912 458	912 332	912 334

F



Ball nosed tree

Type		F 10/09	F 12/25	F 16/25
d × l mm		10 × 19	12 × 25	16 × 25
D × L mm		6 × 65	6 × 70	8 × 70
Order No.	GA	912 463	912 464	912 465

L



Ball nosed cone 14°

Type		L 10/25	L 12/30	L 16/33
d × l mm		10 × 25	12 × 30	16 × 33
D × L mm		6 × 75	6 × 75	8 × 78
Order No.	GA	912 460	912 461	912 462



Abrasive expert.

SUHNER®


SCHWEIZ/SWITZERLAND
 SUHNER
 ABRASIVE EXPERT AG
 Postfach
 CH-5201 Brugg
 Phone +41 (0)56 464 28 80
 Fax +41 (0)56 464 28 31
 e-mail: info.sae@suhner.com

FRANCE
 SUHNER France SAS
 ZA La Passerelle
 F-68190 Ensisheim
 Phone +33 (0)3 89 82 39 96
 Fax +33 (0)3 89 82 38 46
 e-mail: info.fr@suhner.com

ITALIA
 SUHNER Italia S.r.l.
 Via Filotti 2a
 I-24123 Bergamo
 Phone +39 (0)35 22 06 98
 Fax +39 (0)35 22 59 65
 e-mail: info.it@suhner.com

DEUTSCHLAND
 OTTO SUHNER GMBH
 Postfach 1041
 D-79701 Bad Säckingen
 Phone +49 (0)77 61 557-0
 Fax +49 (0)77 61 557-110 + 190
 e-mail: info.de@suhner.com

AUSTRALIA
 SUHNER Australia Pty. Ltd.
 P.O. Box 607
 Rydalmere, NSW 1701
 Phone +61 (0)2 96 38 66 00
 Fax +61 (0)2 96 38 77 33
 e-mail: info.au@suhner.com

MEXICO
 SUHNER Productos Industriales
 Mexicanos, S.A. de C.V.
 Boulevard Hidalgo 101-B local 3 y 4
 Col. Centro
 San Juan del Rio, Querétaro
 76800 México
 Phone +52 427 272 3978
 Fax +52 427 272 8108
 e-mail: info.mx@suhner.com

ÖSTERREICH
 SUHNER-Sumatic
 Handelsgesellschaft mbH
 Walkürengasse 11/1
 A-1150 Wien
 Tel. +43 (0)1 587 16 14
 Fax +43 (0)1 587 48 19
 e-mail: office.at@suhner.com

USA/CANADA
 SUHNER Industrial Products Corp.
 Hwy. 411, S/Suhner Drive
 P.O. Box 1234
 Rome, GA 30162-1234
 Phone +1 / 706 / 235 80 46
 Fax +1 / 706 / 235 80 45
 e-mail: info.usa@suhner.com

GREAT BRITAIN
 SUHNER (UK) Limited
 Unit No. 1
 Pool Road Business Centre
 GB-Nuneaton CV10 9AQ
 Warwickshire
 Phone +44 (0)2476 384 333
 Fax +44 (0)2476 384 777
 e-mail: info.uk@suhner.com

INDIA
 SUHNER INDIA Pvt. Ltd.
 Plot No. 235 U2
 Bommasandra Industrial Area
 Bangalore, 560 099
 Phone +91 (0) 80 783 1108
 Fax +91 (0) 80 783 1109
 e-mail: blroffice.in@suhner.com

CHINA
 SUHNER (Suzhou)
 Industrial Technology Ltd.
 88 Jinling Road (E), Factory No. 2
 Suzhou Industrial Park
 Suzhou 215121
 Phone +86 512 628 778 08
 Fax +86 512 628 777 98
 e-mail: info.china@suhner.com

www.suhner.com