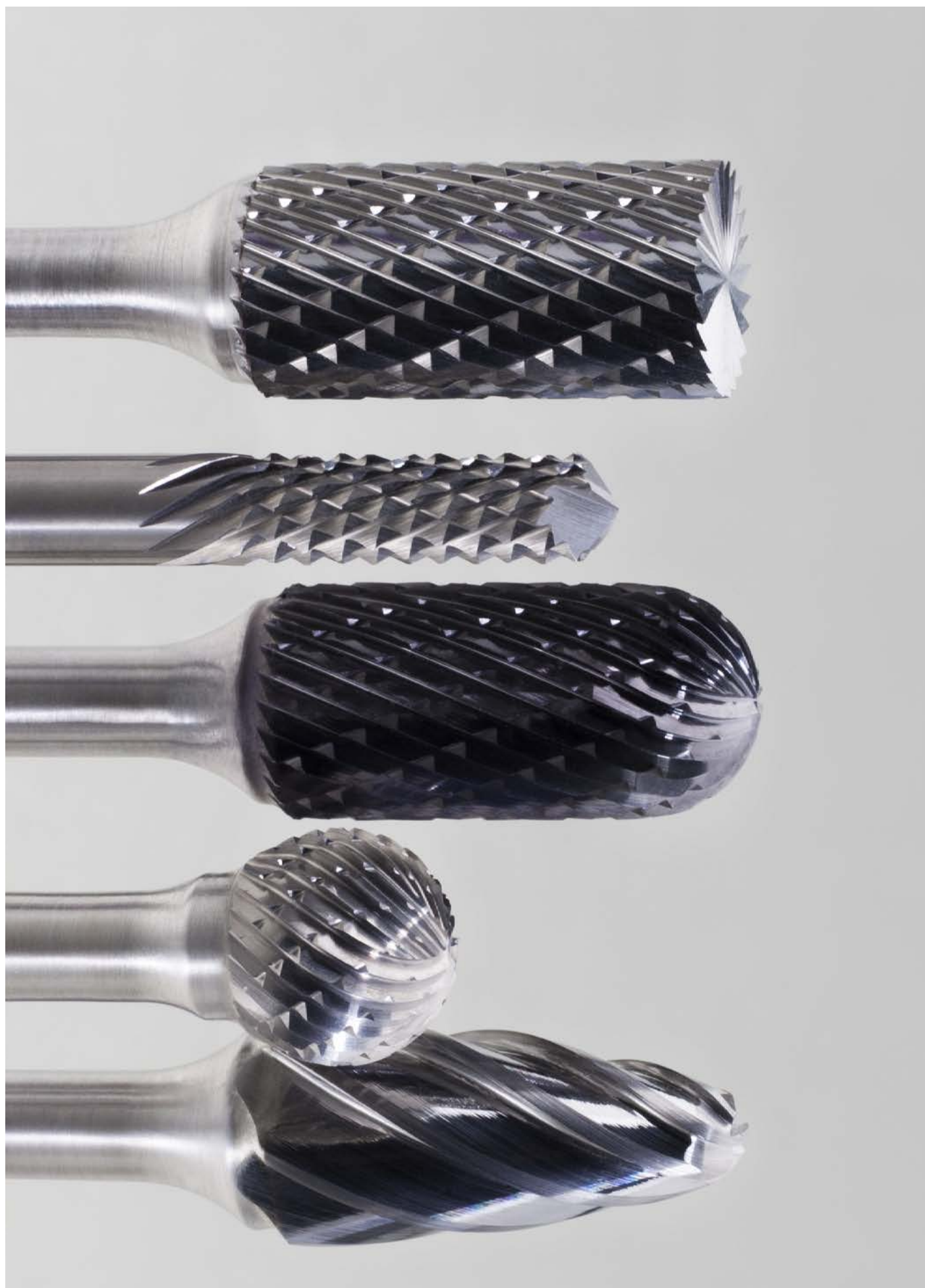


DORMER

Carbide Rotary Burrs

Expanded range 2016





INTRODUCTION

Dormer's range of carbide burrs is a high quality and comprehensive program. This includes a variety of designs and shapes to offer an ideal option for the majority of applications in all major industry segments.

FEATURES AND BENEFITS

- The combination of premium grade materials for both the shank and head, with the precise production process, results in the creation of a consistent and secure program of tools.
- New material specific designs offer improved performance and up to 50% higher metal removal rates over standard carbide burrs.

NEW

SHANK

- Toughened and hardened steel shanks
- Provides rigidity and strength
- Prevents bending and reduces vibrations
- Resulting in improved tool life
- Ground to h6 (carbide) and h7 (steel) for improved holding

BRAZING

- Special brazing elements provide excellent braze strength
- Excellent impact strength able to withstand high forces
- Able to withstand higher temperature without failing

CUT STYLES


NEW
ST

ST CUT

First choice for high performance machining of **Steels**

- Material specific chip breaker design for higher machining output on steel parts
- Positive geometry, ensures smooth surface finish
- Creates less temperature which helps increase tool life


NEW
VA

VA CUT

First choice for high performance machining of **Stainless Steels**

- Sharp cutting geometry, reducing the onset of work-hardening
- Increases metal removal rate


AL

ALUMINIUM CUT

First choice for **non ferrous materials and plastics**

- High helix and large flute volume for rapid metal removal



BALL NOSE GEOMETRY

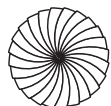
- Skip flute grinding
- Increased strength at the centre
- Reduced chance of swarf congestion
- Improved cutting action closer to the centre

TiAIN COATING

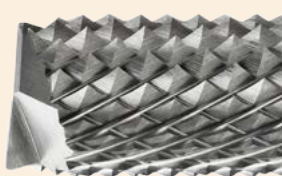
- Increased tool life in difficult conditions
- Reduced friction improves swarf evacuation
- Helps resist “built-up edge” common with cutting tools with small flute volumes



Skip



Normal



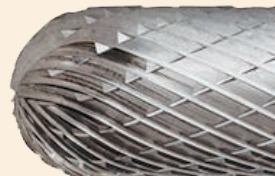
NEW

GRP

GRP CUT

First choice for machining **Fibre Glass and composite materials**

- Available with Drill Point and End Mill styles
- Designed to reduce splintering and improve entry and exit surface quality



DC

DOUBLE CUT

First choice for **general machining**

- Improves ease of control
- Increases metal removal rate

Recommended Speed [RPM]

DC and AL type

AMG		ISO	d ₁ Ø [mm]							
			3	6	8	10	12	16	20	
1.1 – 1.5	Steels up to 1200 N/mm ²	P	64 000	32 000	24 000	20 000	16 000	12 000	10 000	min
			83 000	42 000	32 000	25 000	21 000	16 000	13 000	max
1.6 – 1.8	Steels > 1200 N/mm ² Hardened Steels < 63HRC	H	51 000	26 000	20 000	16 000	13 000	10 000	8 000	min
			71 000	36 000	27 000	22 000	18 000	14 000	11 000	max
2	Stainless Steel	M	45 000	23 000	17 000	14 000	12 000	9 000	7 000	min
			64 000	32 000	24 000	20 000	16 000	12 000	10 000	max
3	Cast Iron	K	58 000	29 000	22 000	18 000	15 000	11 000	9 000	min
			77 000	39 000	29 000	23 000	20 000	15 000	12 000	max
4	Titanium	S1	45 000	23 000	17 000	14 000	12 000	9 000	7 000	min
			58 000	29 000	22 000	18 000	15 000	11 000	9 000	max
5	Nickel	S1	45 000	23 000	17 000	14 000	12 000	9 000	7 000	min
			58 000	29 000	22 000	18 000	15 000	11 000	9 000	max
6	Copper	N	64 000	32 000	24 000	20 000	16 000	12 000	10 000	min
			71 000	36 000	27 000	22 000	18 000	14 000	11 000	max
7	Aluminium/Magnesium	N	71 000	36 000	27 000	22 000	18 000	14 000	11 000	min
			96 000	48 000	36 000	29 000	24 000	18 000	15 000	max
8	Synthetic materials	O	77 000	39 000	29 000	23 000	20 000	15 000	12 000	min
			96 000	48 000	36 000	29 000	24 000	18 000	15 000	max

ST type

AMG		ISO	Range	d ₁ Ø [mm]			
				3	6	10	12
1	Steels	P	Max	100 000	65 000	55 000	35 000
			Low	60 000	45 000	30 000	20 000
			High	80 000	60 000	40 000	30 000

VA type

AMG		ISO	Range	d ₁ Ø [mm]			
				3	6	10	12
2	Stainless Steel	M	Max	100 000	65 000	55 000	35 000
			Low	60 000	30 000	20 000	15 000
			High	80 000	45 000	30 000	22 000

GRP type

AMG		ISO	Range	d ₁ Ø [mm]					
				2	3	4	6	10	12
8	Synthetic materials	O	Low	40 000	25 000	20 000	20 000	15 000	10 000
			High	45 000	30 000	25 000	25 000	20 000	15 000

	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
	A	A	A	A	A	B	B	B	B	C	C	C	C	C	D	D
																
																
																
	DC	DC	ST	VA	AL	DC	DC	ST	AL	DC	DC	ST	VA	AL	DC	DC
																
																
																
																
																
																
																
																
																
																
																
																
																
																
																
																
																

	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	
	D	D	D	E	E	E	F	F	F	F	F	G	G	G	G	H	
								TiAlN					TiAlN				
	ST	VA	AL	DC	ST	VA	DC	DC	ST	VA	AL	DC	DC	ST	VA	DC	
	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	
	P707	P607	P837	P809	P709	P609	P811	P811C	P711	P611	P841	P813	P813C	P713	P613	P815	
ø [mm]	6.00 - 12.70	3.00 - 12.70	6.00 - 12.70	3.00 - 16.00	12.70	8.00 - 12.70	3.00 - 16.00	3.00 - 12.70	6.00 - 12.70	3.00 - 12.70	6.00 - 12.70	3.00 - 16.00	3.00 - 12.70	6.00 - 12.70	6.00 - 12.70	3.00 - 16.00	
	NEW	NEW			NEW	NEW			NEW	NEW				NEW	NEW		
AMG	15	15	15	16	17	17	18	18	19	19	19	20	20	21	21	22	ISO
1.1	■			■	■		■	■	■			■	■	■		■	P1
1.2	■			■	■		■	■	■			■	■	■		■	P1
1.3	■			■	■		■	■	■			■	■	■		■	P2
1.4	■			■	■		■	■	■			■	■	■		■	P3
1.5	■			■	■		■	■	■			■	■	■		■	P4
1.6	■			■	■		■	■	■			■	■	■		■	H1
1.7				■			■	■				■	■			■	H3
1.8				■			■	■				■	■			■	H4
2.1		■	●	■		■	■	■		■	●	■	■		■	■	M1
2.2		■		■		■	■	■		■		■	■		■	■	M3
2.3		■		■		■	■	■		■		■	■		■	■	M2
2.4		■		■		■	■	■		■		■	■		■	■	S2
3.1				■			■	■				■	■			■	K1
3.2				■			■	■				■	■			■	K2
3.3				■			■	■				■	■			■	K3
3.4				■			■	■				■	■			■	K4
4.1			●	■			■	■			●	■	■			■	S1
4.2				■			■	■				■	■			■	S2
4.3				■			■	■				■	■			■	S3
5.1			●	■			■	■			●	■	■			■	S1
5.2				■			■	■				■	■			■	S2
5.3				■			■	■				■	■			■	S3
6.1				●			■	■				●	■			■	N3
6.2			●	■			■	■			●	■	■			■	N4
6.3				■			■	■				■	■			■	N3
6.4				■			■	■				■	■			■	N4
7.1			■								■						N1
7.2			■								■						N1
7.3			■								■						N1
7.4			■								■						N2
8.1			■								■						O
8.2			■								■						O
8.3			■								■						O
9.1				■			■	■				■	■			■	H
10.1																	O

■ Excellent for application

● Good for application

	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM			
	H	H	H	J	K	L	L	L	L	L	M	N					
				60°	90°									135°	180°		
	DC	ST	VA	DC	DC	DC	DC	ST	VA	AL	DC	DC	GRP	GRP			
	P815C	P715	P615	P817	P819	P821	P821C	P721	P621	P842	P823	P825	P843	P844	P880	P890	
ø [mm]	8.00 12.70	8.00 12.70	8.00 12.70	3.00 16.00	3.00 16.00	3.00 16.00	3.00 12.70	10.00 12.70	8.00 12.70	6.00 12.70	3.00 16.00	3.00 16.00	3.00 8.00	3.00 8.00	Set	Set	
		NEW	NEW					NEW	NEW				NEW	NEW	NEW		
AMG	22	23	23	24	25	26	26	27	27	27	28	29	30	31	32	33	
1.1	■	■		■	■	■	■	■			■	■				P1	
1.2	■	■		■	■	■	■	■			■	■				P1	
1.3	■	■		■	■	■	■	■			■	■				P2	
1.4	■	■		■	■	■	■	■			■	■				P3	
1.5	■	■		■	■	■	■	■			■	■				P4	
1.6	■	■		■	■	■	■	■			■	■				H1	
1.7	■			■	■	■	■	■			■	■				H3	
1.8	■			■	■	■	■	■			■	■				H4	
2.1	■		■	■	■	■	■	■	■	■	■	■				M1	
2.2	■		■	■	■	■	■	■	■	■	■	■				M3	
2.3	■		■	■	■	■	■	■	■	■	■	■				M2	
2.4	■		■	■	■	■	■	■	■	■	■	■				S2	
3.1	■			■	■	■	■	■			■	■				K1	
3.2	■			■	■	■	■	■			■	■				K2	
3.3	■			■	■	■	■	■			■	■				K3	
3.4	■			■	■	■	■	■			■	■				K4	
4.1	■			■	■	■	■	■		■	■	■				S1	
4.2	■			■	■	■	■	■		■	■	■				S2	
4.3	■			■	■	■	■	■		■	■	■				S3	
5.1	■			■	■	■	■	■		■	■	■				S1	
5.2	■			■	■	■	■	■		■	■	■				S2	
5.3	■			■	■	■	■	■		■	■	■				S3	
6.1	■			■	■	■	■	■		■	■	■				N3	
6.2	■			■	■	■	■	■		■	■	■				N4	
6.3	■			■	■	■	■	■		■	■	■				N3	
6.4	■			■	■	■	■	■		■	■	■				N4	
7.1										■						N1	
7.2										■						N1	
7.3										■						N1	
7.4										■						N2	
8.1										■			■	■		O	
8.2										■			■	■		O	
8.3										■			■	■		O	
9.1	■			■	■	■	■				■	■				H	
10.1																O	

■ Excellent for application

● Good for application

P801

HM

A



DC

DORMER

P801C

HM

A



TiAlN



DC

DORMER

P801 P801C

● Rotary Burr – Cylinder without endcut

Brazed above 6.00 mm

P801, P801C

■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
	5.1	5.2	5.3	6.2	6.3	6.4	9.1											
●	6.1																	



P801

P801C



3.00 - 16.00

3.00 - 12.70

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm	P801	P801C
3.00	3	14	38	P8013.0X3.0 ¹⁾	P801C3.0X3.0 ¹⁾
6.30	3	12.7	45	P8016.3X3.0	
6.00	6	18	50	P8016.0X6.0 ¹⁾	P801C6.0X6.0 ¹⁾
8.00	6	19	64	P8018.0X6.0	P801C8.0X6.0
9.60	6	19	64	P8019.6X6.0	P801C9.6X6.0
12.70	6	25	70	P80112.7X6.0	P801C12.7X6.0
16.00	6	25	70	P80116.0X6.0	

¹⁾ d₂ tolerance h6

P701	HM	A				ST	
P601	HM	A				VA	
P831	HM	A				AL	

P701 P601 P831

• Rotary Burr – Cylinder without endcut

Brazed above 6.00 mm

P701	■	1.1	1.2	1.3	1.4	1.5	1.6	
P601	■	2.1	2.2	2.3	2.4			
P831	■	7.1	7.2	7.3	7.4	8.1	8.2	8.3
	●	2.1	4.1	5.1	6.2			



P701	P601	P831
		
6.00 - 12.70	3.00 - 12.70	6.00 - 12.70

d ₁ Ø mm	d ₂ Øh ₇ mm	l ₂ mm	l ₁ mm	NEW P701	NEW P601	P831
3.00	3	14	38		P6013.0X3.0 ¹⁾	
6.30	3	12.7	45		P6016.3X3.0	
6.00	6	18	50	P7016.0X6.0 ¹⁾	P6016.0X6.0 ¹⁾	P8316.0X6.0 ¹⁾
8.00	6	19	64	P7018.0X6.0	P6018.0X6.0	
9.60	6	19	64	P7019.6X6.0	P6019.6X6.0	P8319.6X6.0
12.70	6	25	70	P70112.7X6.0	P60112.7X6.0	P83112.7X6.0

¹⁾ d₂ tolerance h6

P803	HM	B					DC	
P803C	HM	B			TiAlN		DC	

P803 P803C

• Rotary Burr – Cylinder with endcut

Brazed above 6.00 mm

P803, P803C	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P803	P803C
3.00 - 16.00	3.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	P803	P803C
3.00	3	14	38	P8033.0X3.0 ¹⁾	P803C3.0X3.0 ¹⁾
6.30	3	12.7	45	P8036.3X3.0	
6.00	6	18	50	P8036.0X6.0 ¹⁾	P803C6.0X6.0 ¹⁾
8.00	6	19	64	P8038.0X6.0	P803C8.0X6.0
9.60	6	19	64	P8039.6X6.0	P803C9.6X6.0
12.70	6	25	70	P80312.7X6.0	P803C12.7X6.0
16.00	6	25	70	P80316.0X6.0	

¹⁾ d_2 tolerance h6

P703

HM

B



ST

DORMER

P833

HM

B



AL

DORMER

P703 P833

• Rotary Burr – Cylinder with endcut

Brazed above 6.00 mm

P703	■	1.1	1.2	1.3	1.4	1.5	1.6	
P833	■	7.1	7.2	7.3	7.4	8.1	8.2	8.3
	●	2.1	4.1	5.1	6.2			



P703	P833
6.00 - 12.70	6.00 - 12.70

d ₁ Ø mm	d ₂ Øh ₇ mm	l ₂ mm	l ₁ mm	NEW P703	P833
6.00	6	18	50	P7036.0X6.0	P8336.0X6.0 ¹⁾
8.00	6	19	64	P7038.0X6.0	
9.60	6	19	64	P7039.6X6.0	P8339.6X6.0
12.70	6	25	70	P70312.7X6.0	P83312.7X6.0

¹⁾ d₂ tolerance h6

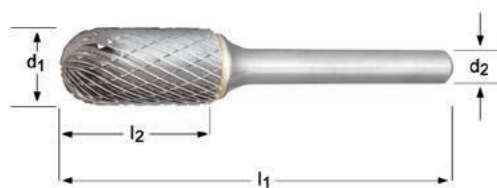
P805	HM	C				DC	
P805C	HM	C			TiAlN	DC	

P805 P805C

• Rotary Burr – Ball Nosed Cylinder

Brazed above 6.00 mm

P805, P805C	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P805	P805C
3.00 - 16.00	3.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	P805	P805C
3.00	3	14	38	P8053.0X3.0 ¹⁾	P805C3.0X3.0 ¹⁾
6.30	3	12.7	45	P8056.3X3.0	
6.00	6	18	50	P8056.0X6.0 ¹⁾	P805C6.0X6.0 ¹⁾
8.00	6	19	64	P8058.0X6.0	P805C8.0X6.0
9.60	6	19	64	P8059.6X6.0	P805C9.6X6.0
12.70	6	25	70	P80512.7X6.0	P805C12.7X6.0
16.00	6	25	70	P80516.0X6.0	

¹⁾ d_2 tolerance h6

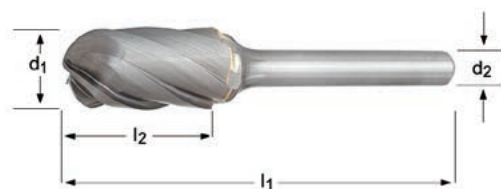
P705	HM	C				ST	
P605	HM	C				VA	
P835	HM	C				AL	

P705 P605 P835

• Rotary Burr – Ball Nosed Cylinder

Brazed above 6.00 mm

P705	■	1.1	1.2	1.3	1.4	1.5	1.6	
P605	■	2.1	2.2	2.3	2.4			
P835	■	7.1	7.2	7.3	7.4	8.1	8.2	8.3
	●	2.1	4.1	5.1	6.2			



P705	P605	P835
		
6.00 - 12.70	3.00 - 12.70	6.00 - 12.70

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm	NEW P705	NEW P605	P835
3.00	3	14	38		P6053.0X3.0 ¹⁾	
6.30	3	12.7	45		P6056.3X3.0	
6.00	6	18	50	P7056.0X6.0 ¹⁾	P6056.0X6.0 ¹⁾	P8356.0X6.0 ¹⁾
8.00	6	19	64	P7058.0X6.0	P6058.0X6.0	
9.60	6	19	64	P7059.6X6.0	P6059.6X6.0	P8359.6X6.0
12.70	6	25	70	P70512.7X6.0	P60512.7X6.0	P83512.7X6.0

¹⁾ d_2 tolerance h6

P807

HM

D



DC

DORMER

P807C

HM

D



DC

DORMER

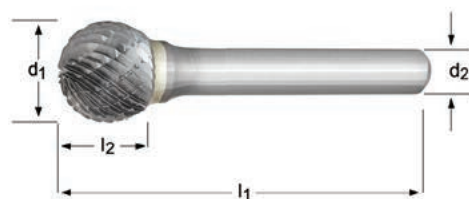
P807 P807C

• Rotary Burr – Ball

Brazed above 6.00 mm

P807, P807C

■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
	5.1	5.2	5.3	6.2	6.3	6.4	9.1											
•	6.1																	



P807	P807C
3.00 - 16.00	3.00 - 12.70

d ₁ Ø mm	d ₂ Øh ₇ mm	l ₂ mm	l ₁ mm	P807	P807C
3.00	3	2.5	38	P8073.0X3.0 ¹⁾	P807C3.0X3.0 ¹⁾
4.00	3	3.4	38	P8074.0X3.0 ¹⁾	
6.30	3	5	38	P8076.3X3.0	
6.00	6	4.7	50	P8076.0X6.0 ¹⁾	P807C6.0X6.0 ¹⁾
8.00	6	6	52	P8078.0X6.0	P807C8.0X6.0
9.60	6	8	54	P8079.6X6.0	P807C9.6X6.0
12.70	6	11	56	P80712.7X6.0	P807C12.7X6.0
16.00	6	14	59	P80716.0X6.0	

¹⁾ d₂ tolerance h6

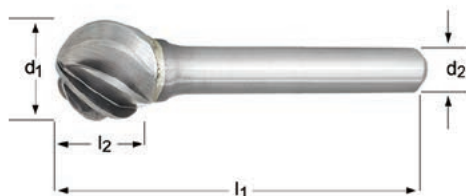
P707	HM	D				ST	
P607	HM	D				VA	
P837	HM	D				AL	

P707 P607 P837

• Rotary Burr – Ball

Brazed above 6.00 mm

P707	■	1.1	1.2	1.3	1.4	1.5	1.6	
P607	■	2.1	2.2	2.3	2.4			
P837	■	7.1	7.2	7.3	7.4	8.1	8.2	8.3
	●	2.1	4.1	5.1	6.2			



P707	P607	P837
		
6.00 - 12.70	3.00 - 12.70	6.00 - 12.70

d ₁ Ø mm	d ₂ Øh ₇ mm	l ₂ mm	l ₁ mm	NEW P707	NEW P607	P837
3.00	3	2.5	38		P6073.0X3.0 ¹⁾	
6.30	3	5	38		P6076.3X3.0	
6.00	6	4.7	50	P7076.0X6.0 ¹⁾	P6076.0X6.0 ¹⁾	P8376.0X6.0 ¹⁾
8.00	6	6	52	P7078.0X6.0	P6078.0X6.0	
9.60	6	8	54	P7079.6X6.0	P6079.6X6.0	P8379.6X6.0
12.70	6	11	56	P70712.7X6.0	P60712.7X6.0	P83712.7X6.0

¹⁾ d₂ tolerance h6

P809

HM

E



DC

DORMER

P809

• Rotary Burr – Oval

Brazed above 6.00 mm

P809	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P809



3.00 - 16.00

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm	P809
3.00	3	6	38	P8093.0X3.0 ¹⁾
6.30	3	9.5	42	P8096.3X3.0
6.00	6	10	50	P8096.0X6.0 ¹⁾
8.00	6	15	60	P8098.0X6.0
9.60	6	16	60	P8099.6X6.0
12.70	6	22	67	P80912.7X6.0
16.00	6	25	70	P80916.0X6.0

¹⁾ d_2 tolerance h6

P709	HM	E				ST	
P609	HM	E				VA	

P709 P609

• Rotary Burr – Oval

Brazed above 6.00 mm

P709	■	1.1	1.2	1.3	1.4	1.5	1.6
P609	■	2.1	2.2	2.3	2.4		



P709	P609
	
12.70	8.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	NEW P709	NEW P609
8.00	6	15	60		P6098.0X6.0
9.60	6	16	60		P6099.6X6.0
12.70	6	22	67	P70912.7X6.0	P60912.7X6.0

P811	HM	F				DC	
P811C	HM	F			TiAlN	DC	

P811 P811C

• Rotary Burr – Ball Nosed Tree

Brazed above 6.00 mm

P811, P811C	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P811	P811C
3.00 - 16.00	3.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	P811	P811C
3.00	3	14	38	P8113.0X3.0 ¹⁾	P811C3.0X3.0 ¹⁾
6.30	3	12.7	45	P8116.3X3.0	
6.00	6	18	50	P8116.0X6.0 ¹⁾	P811C6.0X6.0 ¹⁾
8.00	6	20	65	P8118.0X6.0	
9.60	6	19	64	P8119.6X6.0	P811C9.6X6.0
12.70	6	25	70	P81112.7X6.0	P811C12.7X6.0
16.00	6	25	70	P81116.0X6.0	

¹⁾ d_2 tolerance h6

P711	HM	F				ST	
P611	HM	F				VA	
P841	HM	F				AL	

P711 P611 P841

• Rotary Burr – Ball Nosed Tree

Brazed above 6.00 mm

P711	■	1.1	1.2	1.3	1.4	1.5	1.6	
P611	■	2.1	2.2	2.3	2.4			
P841	■	7.1	7.2	7.3	7.4	8.1	8.2	8.3
	●	2.1	4.1	5.1	6.2			



P711	P611	P841
		
6.00 - 12.70	3.00 - 12.70	6.00 - 12.70

d ₁ Ø mm	d ₂ Øh ₇ mm	l ₂ mm	l ₁ mm	 P711	 P611	P841
3.00	3	14	38		P6113.0X3.0 ¹⁾	
6.30	3	12.7	45		P6116.3X3.0	
6.00	6	18	50	P7116.0X6.0 ¹⁾	P6116.0X6.0 ¹⁾	P8416.0X6.0 ¹⁾
8.00	6	20	65	P7118.0X6.0	P6118.0X6.0	
9.60	6	19	64	P7119.6X6.0	P6119.6X6.0	P8419.6X6.0
12.70	6	25	70	P71112.7X6.0	P61112.7X6.0	P84112.7X6.0

¹⁾ d₂ tolerance h6

P813	HM	G					DC	
P813C	HM	G			TiAlN		DC	

P813 P813C

● Rotary Burr – Pointed Tree

Brazed above 6.00 mm

P813, P813C	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P813	P813C
3.00 - 16.00	3.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	P813	P813C
3.00	3	14	38	P8133.0X3.0 ¹⁾	P813C3.0X3.0 ¹⁾
6.30	3	12.7	45	P8136.3X3.0	
6.00	6	18	50	P8136.0X6.0 ¹⁾	P813C6.0X6.0 ¹⁾
8.00	6	19	64	P8138.0X6.0	
9.60	6	19	64	P8139.6X6.0	P813C9.6X6.0
12.70	6	25	70	P81312.7X6.0	P813C12.7X6.0
16.00	6	25	70	P81316.0X6.0	

¹⁾ d_2 tolerance h6

P713

HM

G



ST



P613

HM

G



VA



P713 P613

• Rotary Burr – Pointed Tree

Brazed above 6.00 mm

P713	■	1.1	1.2	1.3	1.4	1.5	1.6
P613	■	2.1	2.2	2.3	2.4		



P713	P613
6.00 - 12.70	6.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	NEW P713	NEW P613
6.00	6	18	50	P7136.0X6.0 ¹⁾	P6136.0X6.0 ¹⁾
8.00	6	19	64	P7138.0X6.0	P6138.0X6.0
9.60	6	19	64	P7139.6X6.0	P6139.6X6.0
12.70	6	25	70	P71312.7X6.0	P61312.7X6.0

¹⁾ d_2 tolerance h6

P815	HM	H			DC	
P815C	HM	H		TiAlN	DC	

P815 P815C

• Rotary Burr – Flame

Brazed above 6.00 mm

P815, P815C	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P815	P815C
3.00 - 16.00	8.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	P815	P815C
3.00	3	6	38	P8153.0X3.0 ¹⁾	
6.00	6	14	50	P8156.0X6.0 ¹⁾	
8.00	6	19	64	P8158.0X6.0	P815C8.0X6.0
9.60	6	19	65	P8159.6X6.0	
12.70	6	32	77	P81512.7X6.0	P815C12.7X6.0
16.00	6	36	81	P81516.0X6.0	

¹⁾ d_2 tolerance h6

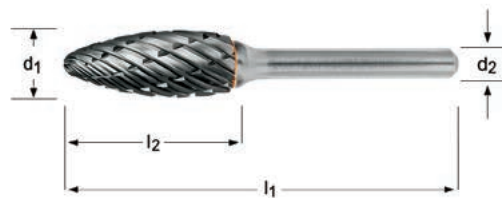
P715	HM	H				ST	
P615	HM	H				VA	

P715 P615

• Rotary Burr – Flame

Brazed above 6.00 mm

P715	■	1.1	1.2	1.3	1.4	1.5	1.6
P615	■	2.1	2.2	2.3	2.4		



P715	P615
	
8.00 - 12.70	8.00 - 12.70

d_1 Ø mm	d_2 Ø _{h7} mm	l_2 mm	l_1 mm	NEW P715	NEW P615
8.00	6	19	64	P7158.0X6.0	P6158.0X6.0
9.60	6	19	65		P6159.6X6.0
12.70	6	32	77	P71512.7X6.0	P61512.7X6.0

P817

HM

J



60°

DC

DORMER

P817

• Rotary Burr – 60° Countersink

Brazed above 6.00 mm

P817	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P817



3.00 - 16.00

d_1 Ø mm	d_2 Øh, mm	l_2 mm	l_1 mm	P817
3.00	3	2.5	38	P8173.0X3.0 ¹⁾
6.00	6	4	50	P8176.0X6.0 ¹⁾
9.60	6	8	56	P8179.6X6.0
12.70	6	11	59	P81712.7X6.0
16.00	6	14.5	63	P81716.0X6.0

¹⁾ d_2 tolerance h6

P819

HM

K



90°

DC

DORMER

P819

- Rotary Burr – 90° Countersink

Brazed above 6.00 mm

P819	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P819



3.00 - 16.00

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm	P819
3.00	3	1.5	38	P8193.0X3.0 ¹⁾
6.00	6	3	50	P8196.0X6.0 ¹⁾
9.60	6	4.7	53	P8199.6X6.0
12.70	6	6.3	55	P81912.7X6.0
16.00	6	8	57	P81916.0X6.0

¹⁾ d_2 tolerance h6

P821	HM	L					DC	
P821C	HM	L			TiAlN		DC	

P821 P821C

● Rotary Burr – Ball Nosed Cone

Brazed above 6.00 mm

P821, P821C	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	



P821	P821C
3.00 - 16.00	3.00 - 12.70

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm		P821	P821C
3.00	3	14	38	8°	P8213.0X3.0 ¹⁾	P821C3.0X3.0 ¹⁾
6.00	6	18	50	14°	P8216.0X6.0 ¹⁾	
8.00	6	25.4	70	14°	P8218.0X6.0	
9.60	6	30	76	14°	P8219.6X6.0	
12.70	6	32	77	14°	P82112.7X6.0	P821C12.7X6.0
16.00	6	33	78	14°	P82116.0X6.0	

¹⁾ d₂ tolerance h6

P721	HM	L				ST	
P621	HM	L				VA	
P842	HM	L				AL	

P721 P621 P842

• Rotary Burr – Ball Nosed Cone

Brazed above 6.00 mm

P721	■	1.1	1.2	1.3	1.4	1.5	1.6	
P621	■	2.1	2.2	2.3	2.4			
P842	■	7.1	7.2	7.3	7.4	8.1	8.2	8.3
	●	2.1	4.1	5.1	6.2			



P721	P621	P842
		
10.00 - 12.70	8.00 - 12.70	6.00 - 12.70

d ₁ Ø mm	d ₂ Øh ₇ mm	l ₂ mm	l ₁ mm		NEW P721	NEW P621	P842
6.00	6	18	50	14°			P8426.0X6.0 ¹⁾
8.00	6	25.4	70	14°		P6218.0X6.0	
10.00	6	20	65	14°	P72110.0X6.0	P62110.0X6.0	
9.60	6	30	76	14°	P7219.6X6.0		P8429.6X6.0
12.70	6	32	77	14°	P72112.7X6.0	P62112.7X6.0	P84212.7X6.0

¹⁾ d₂ tolerance h6

P823
HM
M

DC
DORMER

P823

• Rotary Burr – Cone

Brazed above 6.00 mm

P823	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	●	6.1																	


P823


3.00 - 16.00

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm		P823
3.00	3	11	38	14°	P8233.0X3.0 ¹⁾
6.30	3	12.7	49	22°	P8236.3X3.0
6.00	6	20	50	14°	P8236.0X6.0 ¹⁾
9.60	6	16	64	28°	P8239.6X6.0
12.70	6	22	71	28°	P82312.7X6.0
16.00	6	25	71	31°	P82316.0X6.0

¹⁾ d₂ tolerance h6

P825

HM

N



DC

DORMER

P825

• Rotary Burr – Inverted Cone

Brazed above 6.00 mm

P825	■	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2
		5.1	5.2	5.3	6.2	6.3	6.4	9.1											
	•	6.1																	



P825



3.00 - 16.00

d_1 Ø mm	d_2 Øh ₇ mm	l_2 mm	l_1 mm		P825
3.00	3	4	38	10°	P8253.0X3.0 ¹⁾
6.30	3	6	39	12°	P8256.3X3.0
6.00	6	8	50	10°	P8256.0X6.0 ¹⁾
9.60	6	9.5	55	16°	P8259.6X6.0
12.70	6	12.7	58	28°	P82512.7X6.0
16.00	6	19	64	18°	P82516.0X6.0

¹⁾ d_2 tolerance h6

P843

HM



135°

GRP



P843

• Diamond Cut Router – 135° Drill Point

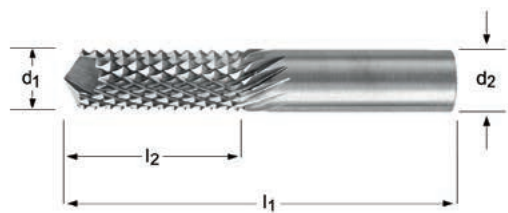
P843



8.1

8.2

8.3



P843



3.00 - 8.00

NEW

P843

d_1 Ø mm	d_2 Øh ₆ mm	l_2 mm	l_1 mm	
3.00	3	13	45	P8433.0X3.0
6.00	6	19	63	P8436.0X6.0
8.00	8	25	63	P8438.0X8.0

P844

HM



180°

GRP



P844

- Diamond Cut Router – End Mill Cut

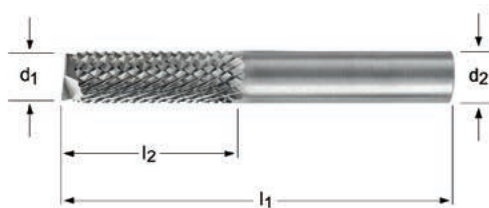
P844



8.1

8.2

8.3



P844



3.00 - 8.00

d_1 Ø mm	d_2 Ø _{h6} mm	l_2 mm	l_1 mm	NEW P844
3.00	3	13	45	P8443.0X3.0
6.00	6	19	63	P8446.0X6.0
8.00	8	25	63	P8448.0X8.0

P880

● Rotary Burr Set

A = Styles in Set, B = No. in Set, C = Diameters in Set

				P880
				 Set
Nr.	A	B	C	NEW P880
Nr01	P803 + P805 + P807 + P809 + P813	5	P8039.6X6.0, P8059.6X6.0, P8079.6X6.0, P8099.6X6.0, P8139.6X6.0	P88001
Nr02	P803C + P805C + P807C + P811C + P813C	5	P803C9.6X6.0, P805C9.6X6.0, P807C9.6X6.0, P811C9.6X6.0, P813C9.6X6.0	P88002
Nr03	P601 + P605 + P607 + P611 + P621	5	P6019.6X6.0, P6059.6X6.0, P6079.6X6.0, P6119.6X6.0, P62110.0X6.0	P88003
Nr04	P703 + P705 + P707 + P711 + P721	5	P7039.6X6.0, P7059.6X6.0, P7079.6X6.0, P7119.6X6.0, P72110.0X6.0	P88004

P890

- Rotary Burr Dispenser

A = Styles in Set, B = No. in Set, C = Diameters in Set



P890



SET - Set

Nr.	A	B	C	P890
Nr01	P803 + P805 + P811 + P813 + P821	40	P803 (6.0X6.0, 8.0X6.0, 9.6X6.0, 12.7X6.0) X 2 P805 (6.0X6.0, 8.0X6.0, 9.6X6.0, 12.7X6.0) X 2 P811 (6.0X6.0, 8.0X6.0, 9.6X6.0, 12.7X6.0) X 2 P813 (6.0X6.0, 8.0X6.0, 9.6X6.0, 12.7X6.0) X 2 P821 (6.0X6.0, 8.0X6.0, 9.6X6.0, 12.7X6.0) X 2	P89001

Icon descriptions

Material	 Carbide				
Coating	 Bright	 Titanium Aluminium Nitride			
Countersink	 60°	 90°	 135°	 180°	
Application	 Cylinder without endcut	 Cylinder with endcut	 Ball Nosed Cylinder	 Ball	 Oval
	 Ball nosed tree	 Pointed Tree	 Flame	 60° Countersink	 90° Countersink
	 Ball nosed cone	 Cone	 Inverted cone	 Fibreglass routing	
Type	 High Metal Removal Rate in Steels	 High Metal Removal Rate in Stainless Steels	 Aluminium Cut for non-ferrous materials including plastics	 Fibreglass and Composites	 Double Cut for General purpose use
End Cut	 Standard	 Drill Point	 End Mill		

WARNING

These recommendations are for standard length Burrs with 13 mm maximum overhang, when exceeding the maximum overhang of 13 mm it is generally recommended to use much lower safety speeds. Don't run the burr above the maximum speed, this can cause premature wear. Don't run the burr too slowly, this can cause chipping.

Don't apply more cutting depth than 1/3 of the diameter, don't encapsulate. For brazed rotary burrs: don't allow the burr to become too hot, this may cause the braze to soften and cause the head to become detached from the shank.



Personal protective equipment must be worn at all times!

SIMPLY RELIABLE

As a professional you can judge the quality of work by just looking at the chip. Our chip is a clean and uncomplicated shape that in itself tells a story. It is a clear and consistent signal and that's why we use it as a symbol for being **simply reliable**.

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