

Tungsten carbide burrs with CAST cut

High-capacity burrs for cast iron



New!
INNOVATION CAST cut

TRUST BLUE

- Up to 100 % higher stock removal performance when compared with conventional cross cut burrs
- Significantly more aggressive, large chips and good chip removal
- Comfortable working with lower noise

Tungsten carbide burrs with CAST cut for use on cast iron

Cut CAST

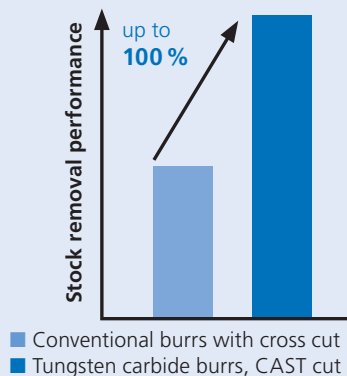


With the CAST cut, PFERD has developed innovative burrs especially for work on cast iron. They are characterized by an extremely high stock removal performance on cast iron and impress through smooth milling with significantly reduced vibration and less noise.

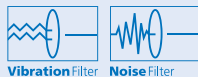
Advantages:

- Up to 100 % higher stock removal performance when used on cast iron due to the innovative tooth geometry, when compared with conventional cross cut burrs
- Significantly increased aggressiveness, large chips, very good chip removal

Performance values for applications on cast iron



PFERDERGONOMICS® recommends burrs with CAST cut as an innovative tool solution for comfortable working with reduced vibration and lower noise.



Recommended rotational speed range

To determine the recommended rotational speed range, please proceed as follows:

- 1 Refer to the table for the cutting speed
- 2 Select the required burr diameter
- 3 The cutting speed range and the burr diameter determine the recommended rotational speed range



PFERDVIDEO

You will receive more information here or at www.pferd.com

Material group			Application	Cut	1 Cutting speed
Cast iron	Grey cast iron, white cast iron	Cast iron with flake graphite EN-GJL (GG), with nodular graphite/nodular cast iron EN-GJS (GGG), white annealed cast iron EN-GJMW (GTW, black cast iron EN-GJMB (GTS)	Coarse stock removal	CAST	450–750 m/min

Example:

TC burr,
Cut CAST,
Burr dia. 12 mm.

Coarse stock removal on cast iron.

Cutting speed: 450–750 m/min

Rotational speed: 12,000–20,000 RPM

2 Burr dia. [mm]	3 Cutting speed [m/min]	
	450	750
	Rotational speed [RPM]	
6	24,000	40,000
10	14,000	24,000
12	12,000	20,000

The most important PFERD tool: The Tool Manual

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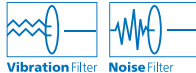
Tungsten carbide burrs with CAST cut are part of the PFERD product group "**Tungsten carbide burrs for high-performance applications**". Because they have been designed for working on specific materials or for specific applications, they achieve excellent stock removal characteristics and a long tool life.

For more material- and application-specific tungsten carbide burrs for high-performance applications, please refer to the PFERD Tool Manual, Catalogue 202.

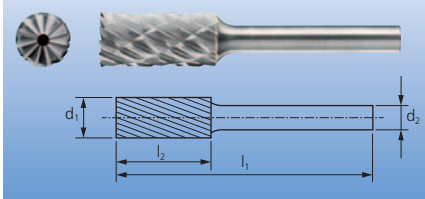
Cylindrical burr according to DIN 8032.
Shape ZYAS with circumferential and end cut.



Ordering example:
EAN 4007220952658
ZYAS 0616/6 CAST

PFERDERGONOMICS®:



Cylindrical shape ZYAS with end cut



Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	
	CAST				
	 EAN 4007220				

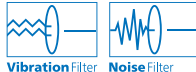
Shank dia. 6 mm

ZYAS 0616/6	952658	6	6 x 16	55	1
ZYAS 1020/6	952665	6	10 x 20	60	1
ZYAS 1225/6	952672	6	12 x 25	65	1

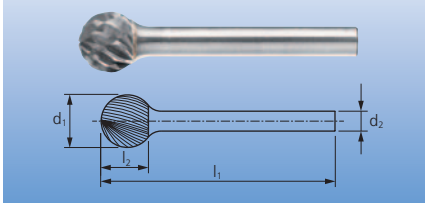
Ball-shaped burr according to DIN 8032.



Ordering example:
EAN 4007220952498
KUD 0605/6 CAST

PFERDERGONOMICS®:



Ball shape KUD



Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	
	CAST				
	 EAN 4007220				

Shank dia. 6 mm

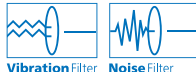
KUD 0605/6	952498	6	6 x 5	45	1
KUD 1009/6	952504	6	10 x 9	49	1
KUD 1210/6	952511	6	12 x 10	51	1



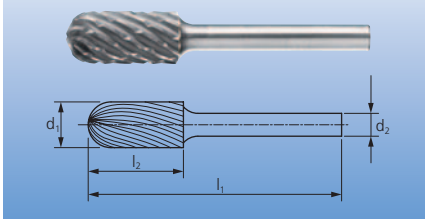
Cylindrical burr with radius end according to DIN 8032. Combination of cylindrical and ball-shaped geometries.



Ordering example:
EAN 4007220952610
WRC 0616/6 CAST

PFERDERGONOMICS®:



Cylindrical shape with radius end WRC



Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	
	CAST				
	 EAN 4007220				

Shank dia. 6 mm

WRC 0616/6	952610	6	6 x 16	55	1
WRC 1020/6	952627	6	10 x 20	60	1
WRC 1225/6	952634	6	12 x 25	65	1



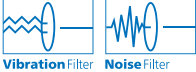
Tungsten carbide burrs with CAST cut

for use on cast iron

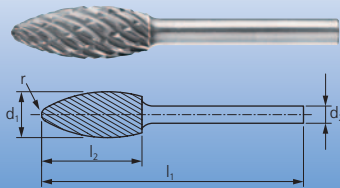
Flame-shaped burr according to ISO 7755/8.


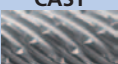
Ordering example:
EAN 4007220**952450**
B 1230/6 CAST

PFERDERGONOMICS®:



Flame shape B

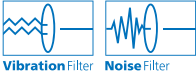


Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	Radius r [mm]	
	CAST					
	 EAN 4007220					
Shank dia. 6 mm						
B 1230/6	952450	6	12 x 30	70	2,1	1

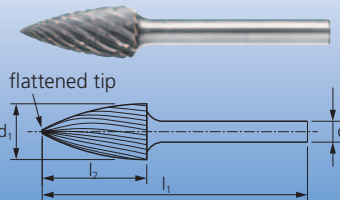
Pointed tree-shaped burr according to
DIN 8032, flattened tip.



Ordering example:
EAN 4007220**952580**
SPG 0618/6 CAST

PFERDERGONOMICS®:



Pointed tree shape SPG



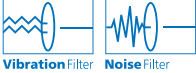
Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	
	CAST				
	 EAN 4007220				
Shank dia. 6 mm					
SPG 0618/6	952580	6	6 x 18	55	1
SPG 1020/6	952597	6	10 x 20	60	1
SPG 1225/6	952603	6	12 x 25	70	1



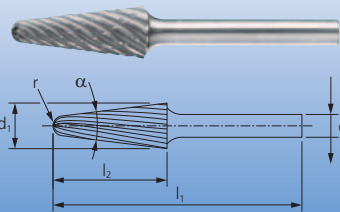
Conical burr with radius end according
to DIN 8032.



Ordering example:
EAN 4007220**952474**
KEL 1230/6 CAST

PFERDERGONOMICS®:



Conical shape with radius end KEL



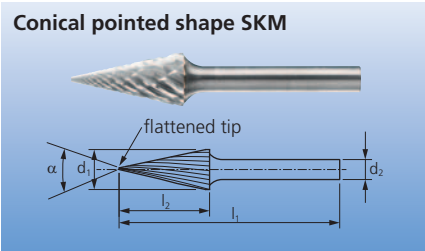
Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	Angle α	Radius r [mm]	
	CAST						
	 EAN 4007220						
Shank dia. 6 mm							
KEL 1230/6	952474	6	12 x 30	70	14°	2.6	1



Tungsten carbide burrs with cut CAST

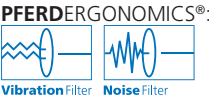
for work on cast iron

Conical pointed shape SKM



Conical pointed burr according to DIN 8032, flattened tip.

Ordering example:
EAN 4007220**952481**
SKM 1225/6 CAST

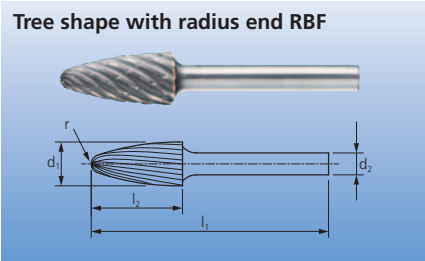


Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	Angle α	
	CAST					
	 EAN 4007220					

Shank dia. 6 mm

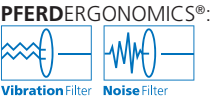
SKM 1225/6	952481	6	12 x 25	65	26°	1
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Tree shape with radius end RBF



Tree-shaped burr with radius end according to DIN 8032.

Ordering example:
EAN 4007220**952528**
RBF 0618/6 CAST

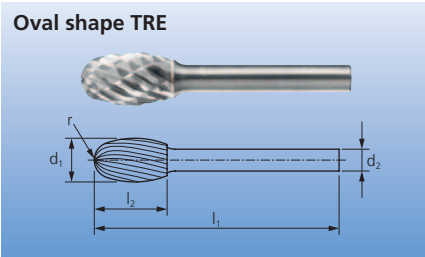


Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	Radius r [mm]	
	CAST					
	 EAN 4007220					

Shank dia. 6 mm

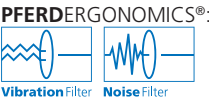
RBF 0618/6	952528	6	6 x 18	55	1.5	1
RBF 1020/6	952559	6	10 x 20	60	2.5	1
RBF 1225/6	952566	6	12 x 25	65	2.5	1

Oval shape TRE



Oval burr according to DIN 8032.

Ordering example:
EAN 4007220**952467**
TRE 1220/6 CAST



Description	Cut	Shank dia. d_2 [mm]	Burr dia. x length $d_1 \times l_2$ [mm]	Overall length l_1 [mm]	Radius r [mm]	
	CAST					
	 EAN 4007220					

Shank dia. 6 mm

TRE 1220/6	952467	6	12 x 20	60	5.0	1
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