

Tungsten carbide burrs

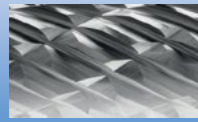
TC burrs for cast iron



Tungsten carbide burrs

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Cut CAST

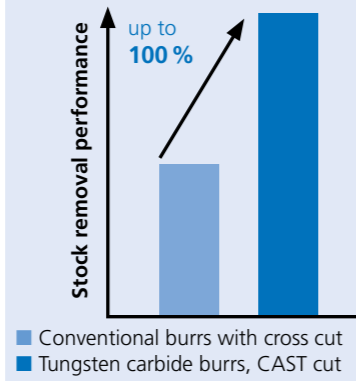


With the CAST cut, PFERD has developed innovative burrs especially for work on cast iron. They are characterized by an extremely high stock removal performance on cast iron and impress through smooth milling with significantly reduced vibration and less noise.

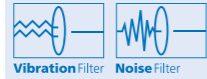
Advantages:

- 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

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)	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

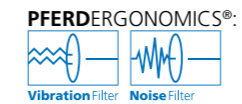


PFERDVIDEO
You will receive more information here or at www.pferd.com

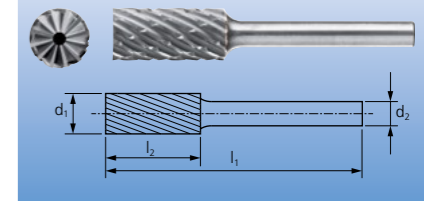


Cylindrical burr according to DIN 8032. Shape ZYAS with circumferential and end cut.

Ordering example:
EAN 4007220952658
ZYAS 0616/6 CAST



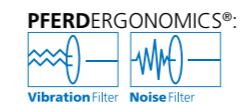
Cylindrical shape ZYAS with end cut



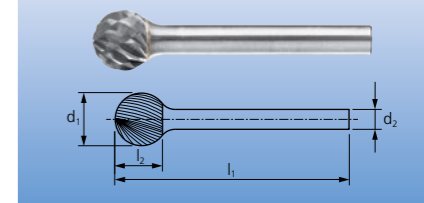
Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	1
	CAST				
	EAN 4007220				
Shank dia. 6 mm					
ZYAS 0616/6	952658	6	6 x 16	55	1
ZYAS 1020/6	952665	6	10 x 20	60	1
ZYAS 1225/6	952672	6	12 x 25	65	1

Ball-shaped burr according to DIN 8032.

Ordering example:
EAN 4007220952498
KUD 0605/6 CAST



Ball shape KUD

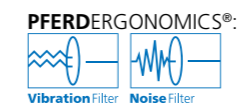


Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	1
	CAST				
	EAN 4007220				
Shank dia. 6 mm					
KUD 0605/6	952498	6	6 x 5	45	1
KUD 1009/6	952504	6	10 x 9	49	1
KUD 1210/6	952511	6	12 x 10	51	1

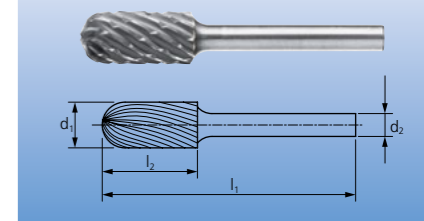


Cylindrical burr with radius end according to DIN 8032. Combination of cylindrical and ball-shaped geometries.

Ordering example:
EAN 4007220952610
WRC 0616/6 CAST



Cylindrical shape with radius end WRC



Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	1
	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



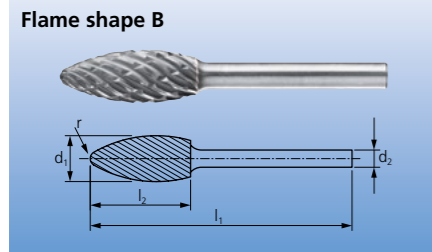
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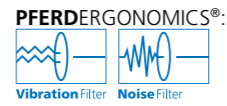
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TC burrs for cast iron

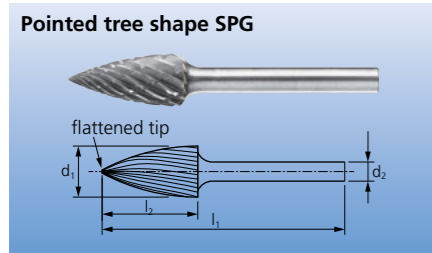


Flame-shaped burr according to ISO 7755/8.

Ordering example:
EAN 4007220952450
B 1230/6 CAST

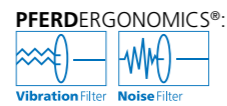


Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	Radius r [mm]	
	CAST					
	EAN 4007220					
Shank dia. 6 mm						
B 1230/6	952450	6	12 x 30	70	2.1	1

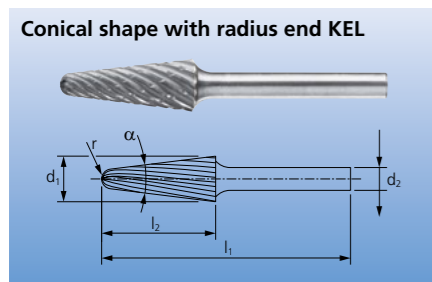


Pointed tree-shaped burr according to DIN 8032, flattened tip.

Ordering example:
EAN 4007220952580
SPG 0618/6 CAST

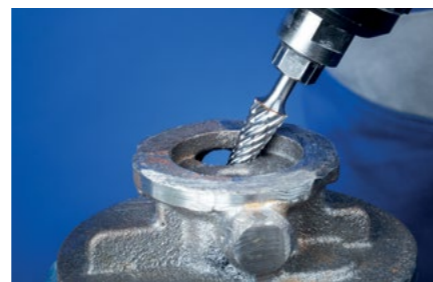
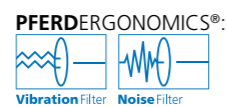


Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	
	CAST				
	EAN 4007220				
Shank dia. 6 mm					
SPG 0618/6	952580	6	6 x 18	55	1
SPG 1020/6	952597	6	10 x 20	60	1
SPG 1225/6	952603	6	12 x 25	70	1



Conical burr with radius end according to DIN 8032.

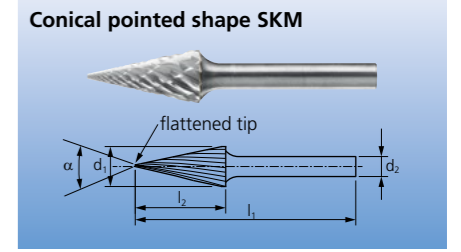
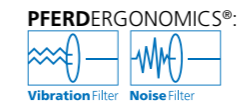
Ordering example:
EAN 4007220952474
KEL 1230/6 CAST



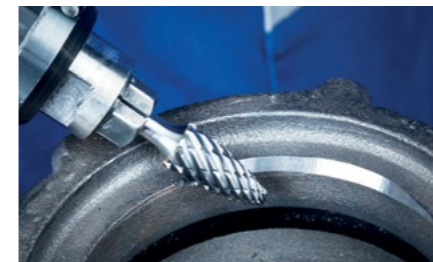
Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	Angle α	Radius r [mm]	
	CAST						
	EAN 4007220						
Shank dia. 6 mm							
KEL 1230/6	952474	6	12 x 30	70	14°	2.6	1

Conical pointed burr according to DIN 8032, flattened tip.

Ordering example:
EAN 4007220952481
SKM 1225/6 CAST

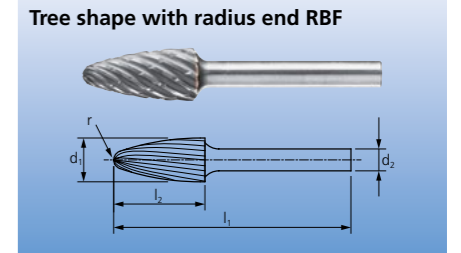
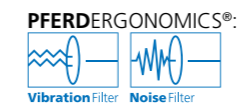


Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x l ₂ [mm]	Overall length l ₁ [mm]	Angle α	
	CAST					
	EAN 4007220					
Shank dia. 6 mm						
SKM 1225/6	952481	6	12 x 25	65	26°	1



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

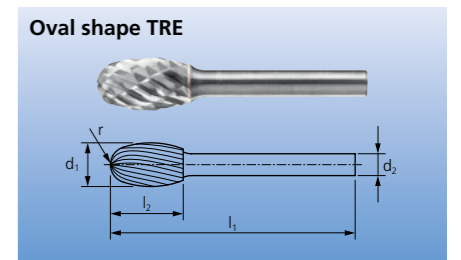
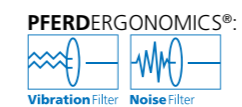
Ordering example:
EAN 4007220952528
RBF 0618/6 CAST



Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x 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 burr according to DIN 8032.

Ordering example:
EAN 4007220952467
TRE 1220/6 CAST



Description	Cut	Shank dia. d ₂ [mm]	Burr dia. x length d ₁ x 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

