

Tungsten Carbide Burs with INOX Cut

Optimized Performance for Stainless Steel (INOX)



New!



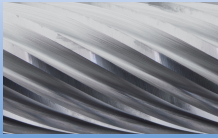
TRUST BLUE

- Outstanding stock removal performance and tool life on stainless steel (INOX)
- High-grade quality finish
- Comfortable working with reduced vibrations and less noise

Tungsten Carbide Burs with INOX Cut

1/4" Shank – for Use on Stainless Steel

INOX Cut

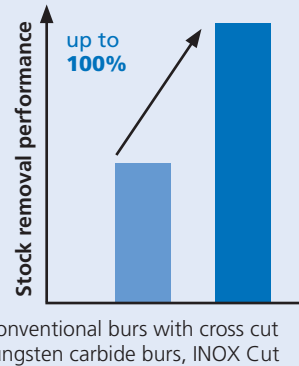


PFERD has developed innovative burs with INOX cut for work on stainless steel (INOX). The INOX cut is characterized by an extremely high stock removal performance on all austenitic as well as rust- and acid-resistant steels. It creates significantly less vibration than a comparable cross cut.

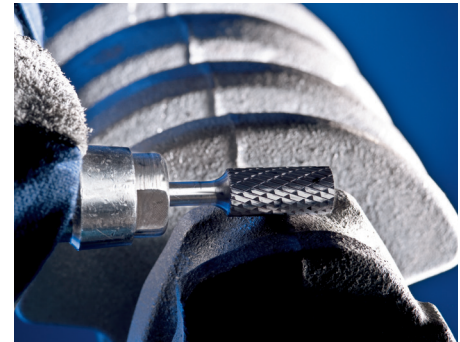
Advantages:

- Outstanding stock removal performance and tool life due to the innovative tooth geometry
- Achieves high surface qualities through optimum chip formation
- Prevents heat discolouration in the material due to the reduced heat generation

Performance values for applications on stainless steel (INOX)



PFERDERGONOMICS® recommends burs with INOX cut as an innovative tool solution for comfortable working with significantly reduced vibration and lower noise.



Recommended Rotational Speed Range

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

- ❶ Refer to the table for the cutting speed
- ❷ Select the required bur diameter
- ❸ The cutting speed range and the bur diameter determine the recommended rotational speed range

Material group			Application	Cut	❶ Cutting speed
Stainless steel (INOX)	Rust- and acid-resistant steels	Austenitic and ferritic stainless steels	Coarse stock removal	INOX	1,650 - 2,000 SFPM

Example:

TC Bur,
INOX Cut
Bur Dia. 1/2".
Cutting Speed: 1,650 - 2,000 SFPM
Rotational Speed: 12,000 - 16,000 RPM

❷ Dia. [Inches]	❸ Cutting Speed [SFPM]	
	1,650	2,000
	Rotational Speed [RPM]	
3/8	14,000	19,000
1/2	12,000	16,000



More PFERD tools and a large number of application tips on working with stainless steel (INOX) can be found in our PRAXIS brochure „PFERD tools for use on stainless steel“. Please contact us.



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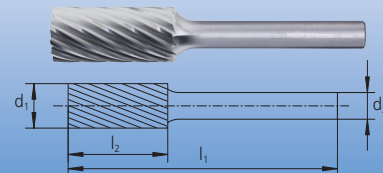


Cylindrical bur with plain end (uncut).

PFERD Specification Number
ZYA



Cylindrical (Plain End)
Shape A



Head Dia. x Length
d₁ x l₂
[Inches]

SCTI
No.

Shank Dia.
d₂
[Inches]

Overall Length
l₁
[Inches]

Cut Type and EDP Number

INOX



Shank Dia. 1/4"

N!	3/8 x 3/4	SA-3	1/4	2-1/2	24067	1
N!	1/2 x 1	SA-5	1/4	2-3/4	24107	1

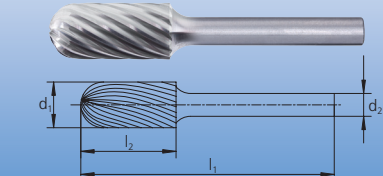


Cylindrical bur with radius end.

PFERD Specification Number
WRC



Cylindrical (Radius End)
Shape C



Head Dia. x Length
d₁ x l₂
[Inches]

SCTI
No.

Shank Dia.
d₂
[Inches]

Overall Length
l₁
[Inches]

Cut Type and EDP Number

INOX



Shank Dia. 1/4"

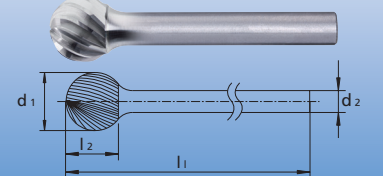
N!	3/8 x 3/4	SC-3	1/4	2-1/2	24427	1
N!	1/2 x 1	SC-5	1/4	2-3/4	24467	1

Ball-shaped bur.

PFERD Specification Number
KUD



Ball
Shape D



Head Dia. x Length
d₁ x l₂
[Inches]

SCTI
No.

Shank Dia.
d₂
[Inches]

Overall Length
l₁
[Inches]

Cut Type and EDP Number

INOX



Shank Dia. 1/4"

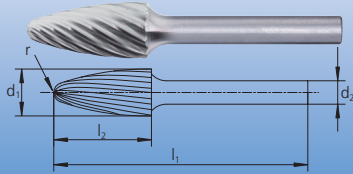
N!	3/8 x 5/16	SD-3	1/4	2-1/16	24567	1
N!	1/2 x 7/16	SD-5	1/4	2-3/16	24587	1

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1/4" Shank – for Use on Stainless Steel





**Tree (Radius End)
Shape F**



Tree-shaped bur with radius end.

PFERD Specification Number
RBF

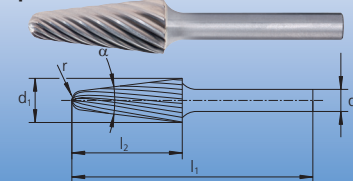


Head Dia. x Length $d_1 \times l_2$ [Inches]	SCTI No.	Shank Dia. d_2 [Inches]	Overall Length l_1 [Inches]	Cut Type and EDP Number INOX	
					

Shank Dia. 1/4"

N!	3/8 x 3/4	SF-3	1/4	2-1/2	24707	1
N!	1/2 x 1	SF-5	1/4	2-3/4	24727	1



**14° Taper (Radius End)
Shape L**



Taper bur with radius end.

PFERD Specification Number
KEL



Head Dia. x Length $d_1 \times l_2$ [Inches]	SCTI No.	Shank Dia. d_2 [Inches]	Angle α	Overall Length l_1 [Inches]	Cut Type and EDP Number INOX	
						

Shank Dia. 1/4"



N!	3/8 x 1-1/16	SL-3	1/4	14°	3	25157	1
N!	1/2 x 1-1/8	SL-4	1/4	14°	3-1/16	25167	1

**5 Piece TC Bur Set
INOX Cut**



**5 Piece TC Bur Set - INOX Cut
1/4" Shank (Plastic Case)**

Contains 5 pcs. burs with 1/4" shank dia. and INOX Cut.

Set Contents Shape	Head Dia. x Length $d_1 \times l_2$ [Inches]	SCTI No.	Cut Type and Set EDP Number INOX	Individual Bur EDP's in Set	
Cylindrical (Plain End)	1/2 x 1	SA-5		26554	
Cylindrical (Plain End)	3/8 x 3/4	SA-3		24107	1
Cylindrical (Radius End)	1/2 x 1	SC-5		24067	1
Tree (Radius End)	1/2 x 1	SF-5		24467	1
14° Taper (Radius End)	1/2 x 1-1/8	SL-4		24727	1
				25167	1

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