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PFERD TOOLS

Mounted points

Mounted points
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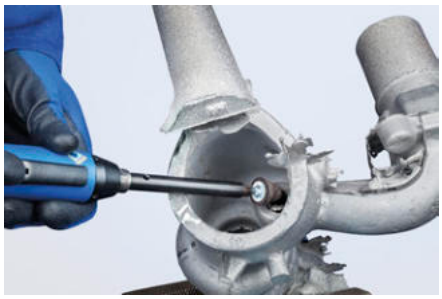
Mounted points
Highlights from the PFERD TOOLS range

TOUGH mounted points

TOUGH type mounted points have a state-of-the-art vitrified bond comprising an aluminium oxide mixture of ceramic oxide grain and white aluminium oxide, which impresses as it is easy to break down. The mounted points have a long tool life and high stock removal performance with excellent removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.



The TOUGH type is specifically designed for general use on titanium materials, nickel-based and cobalt-based alloys, hardened steel components and built-up weld deposits. TOUGH type mounted points can easily machine hardened, heat-treated steels over 1,200 N/mm² (> 38 HRC).

Its applications include weld dressing on repair welds and reworking on turbine blades during aircraft maintenance, as well as regrinding of repair welds in tool and mould-making.

Scan the QR code to find out more about the PFERD TOOLS grinding/mounted points.

Bench grinding wheels

PFERD TOOLS offers a very wide range of high-quality bench grinding wheels for work on a large variety of materials. Bench grinding wheels are very well-suited to deburring, work on edges and sharpening tools. The bench grinding wheels are available with different dimensions, grains and abrasives. The PFERD TOOLS range has been adapted to the standard bench grinders on the market.

The bench grinding wheels impress with their long tool life, high dimensional stability and high abrasive performance. Thanks to the integrated adapter sleeves, the bench grinding wheels can be mounted on almost any bench grinder spindle. Dressing the wheel on a regular basis exposes sharp grain and maintains an even grinding area.

Scan the QR code to find out more about the PFERD TOOLS bench grinding wheels.

Grinding and polishing stones

Grindstones and polishing stones are versatile tools for finish machining on moulds in tool and mould-making. They are used for step-by-step fine grinding after machining or after electrical discharge machining (EDM) to grind in a brushed finish/polish in the demoulding direction or to prepare for high-gloss polishing with diamond pastes. They are also used for rounding and finishing.

A quick-mounting handle is recommended in manual applications to make work more ergonomic. Grinding oil should be used to achieve a better surface finish. Polishing stones should be sorted by type to avoid grain being carried over.

Scan the QR code to find out more about grinding and polishing stones.

More expert information online

Scan the QR code to find out a wide range of tool and application knowledge relating to PFERD TOOLS' high-quality tools and their huge variety of materials.

Mounted points
The quick way to find the perfect tool

PFERD TOOLS

The quick way to find the perfect tool

① Material group
Select the material to be machined.

② Application
Select the application.

③ Mounted point type
After determining the application (see column ②), the type is selected in the horizontal row.

3

① Material group		② Application		Bond ▸	Resinoid bond		Vitrified bond							
				③ Mounted point type ▸	INOX	INOX EDGE	RUBBER	ALU	TOUGH	CAST	CAST STEEL	STEEL	STEEL EDGE	CAST EDGE
				Abrasive ▸	ADW	AN	AH	CN	AWCO	ARN	ADR	ADW	AR	CU
				Rec. cutting speed ▸	35–50 m/s	35–50 m/s	5–20 m/s	20–40 m/s	30–50 m/s	30–50 m/s	25–40 m/s	30–50 m/s	25–40 m/s	30–50 m/s
Steel, cast steel	Steels up to 1,200 N/mm² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels, tempering steels	Universal									●		
			Surface	○								●	○	
			Edges		○							○	●	
	Hardened, heat-treated steels over 1,200 N/mm² (> 38 HRC)	Tool steels, tempering steels, alloyed steels	Universal									●		
			Surface						●			○		
			Edges						●				○	
	Cast steel	Non-alloyed cast steel, low-alloyed cast steel	Universal								●			
			Surface	○						○	○	●	○	
			Edges		○						○	○	●	
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	Surface	●	○							○		
			Edges	○	●								○	
Non-ferrous metals	Soft non-ferrous metals, non-ferrous metals	Aluminium alloys, brass, copper, zinc	Universal	○				●						
	Hard non-ferrous metals	Bronze, titanium, titanium alloys, hard aluminium alloys		●				○	●			○		
	High-temperature-resistant materials	Nickel-based and cobalt-based alloys (engine and turbine construction)		○					●					
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 annealed cast iron EN-GJMB (GTS)	Surface	○	○					●	○		○	○
			Edges	○	○					○	○		○	●
Plastics, other materials	Fibre-reinforced plastics, thermoplastics, rubber, wood		Universal			●	○							

● = highly suitable ○ = suitable

Mounted points
General information

Applications of mounted points

General use

For general use on surfaces and edges, the emphasis is on the balance between abrasive performance and tool life.

Surface grinding

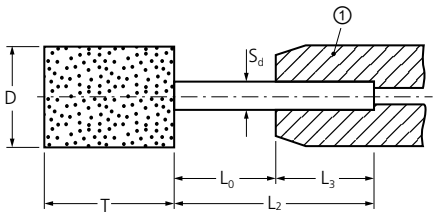
In surface grinding, the mounted points are subject to lower loads. The mounted point bond is therefore comparatively soft and has been designed to give high stock removal rates.

Edge grinding

In edge grinding, the mounted points must be dimensionally stable. The mounted point bond is therefore comparatively hard and designed for a long service life.

Explanation of the code system according to EN 12413

D = Mounted point outer dia.
T = Mounted point width
S_d = Shank dia.
L_0 = Unsupported shank length
L_2 = Shank length
L_3 = Clamping length of shank (① collet)



Safety notes

All PFERD TOOLS mounted points are approved for a maximum operating speed of 50 m/s. The maximum permitted rotational speeds for the various shank lengths and shank diameters are defined in DIN 69170 based on EN 12413. These must be adhered to in order to avoid buckling of the shank during use. Regardless of the shank length, the clamping length (L_3) of the shank must be at least 10 mm.
The maximum permitted rotational speed calculated according to EN 12413 is determined by the following factors:

- Shape and dimensions of the mounted point
- Diameter of the steel shank S_d
- Unsupported shank length L_0


Wear eye protection!


Wear hearing protection!


Wear a dust mask!


Wear gloves!


Observe the safety notes!

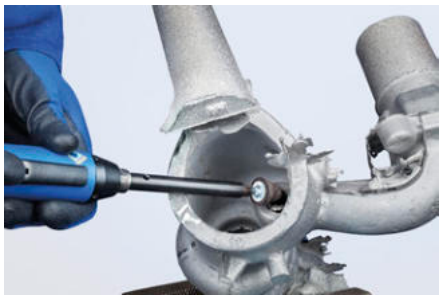
Custom-made products

If you cannot find the solution for your particular application in our extensive catalogue range, we can produce grinding and mounted points in premium PFERD TOOLS quality specifically for your application on request.

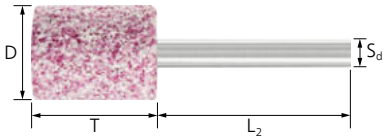
We can take into account your specifications and needs, drawings, information on dimensions and shapes, grit sizes and grain types, grain mixtures, shank diameters and shank lengths. Please speak to our sales representatives. We will be happy to advise you.

Extensions for drive spindles

Mounted points with a shank diameter of 3, 6 and 8 mm can be extended with drive spindle extensions. They allow access to hard-to-reach areas. The drive spindle extension is mounted in the collet of the tool drive (air grinder or electric grinder), or in the handpiece of the flexible shaft. In some applications, spindle extensions are an economical alternative to customized mounted points with long shanks. Further information on our drive spindle extensions can be found in catalogue section 9 “Tool drives”.



For universal use on steel and cast steel



STEEL cylindrical mounted points

These mounted points are exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on steel constructions. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:

- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
3	30	2	5	100	W 141	150,000	201,800	10	31100250	ZY 0205 3 ADW 100 M5V STEEL
		3	6	100	W 144	150,000	206,100	10	31103250	ZY 0306 3 ADW 100 M5V STEEL
		4	8	60	-	150,000	175,100	10	31105256	ZY 0408 3 ADW 60 M5V STEEL
				100	-	150,000	175,100	10	31105250	ZY 0408 3 ADW 100 M5V STEEL
		5	10	60	W 153	130,000	130,700	10	31107256	ZY 0510 3 ADW 60 M5V STEEL
				100	W 153	130,000	130,700	10	31107250	ZY 0510 3 ADW 100 M5V STEEL
		6	13	60	W 163	93,600	93,600	10	31110256	ZY 0613 3 ADW 60 M5V STEEL
				100	W 163	93,600	93,600	10	31110250	ZY 0613 3 ADW 100 M5V STEEL
		8	10	46	W 169	87,600	87,600	10	31112254	ZY 0810 3 ADW 46 M5V STEEL
				80	W 169	87,600	87,600	10	31112258	ZY 0810 3 ADW 80 M5V STEEL
			16	46	-	61,000	61,000	10	31114254	ZY 0816 3 ADW 46 M5V STEEL
				80	-	61,000	61,000	10	31114258	ZY 0816 3 ADW 80 M5V STEEL
		10	2	100	W 172	85,000	95,400	10	31308250	ZY 1002 3 ADW 100 M5V STEEL
			13	46	W 176	58,400	58,400	10	31116254	ZY 1013 3 ADW 46 M5V STEEL
		13	3	60	W 122	65,000	73,400	10	31311256	ZY 1303 3 ADW 60 M5V STEEL
				100	W 122	65,000	73,400	10	31311250	ZY 1303 3 ADW 100 M5V STEEL
6	40	3	6	100	W 144	150,000	206,100	10	*31102250*	ZY 0306 6 ADW 100 M5V STEEL
		4	8	60	-	150,000	177,400	10	31104256	ZY 0408 6 ADW 60 M5V STEEL
		5	10	60	W 153	130,000	157,800	10	31106256	ZY 0510 6 ADW 60 M5V STEEL
		6	13	60	W 163	131,500	131,500	10	31109256	ZY 0613 6 ADW 60 M5V STEEL
				100	W 163	131,500	131,500	10	31109250	ZY 0613 6 ADW 100 M5V STEEL
		8	10	80	W 169	110,000	119,300	10	31111258	ZY 0810 6 ADW 80 M5V STEEL
			16	46	-	110,000	119,300	10	31113254	ZY 0816 6 ADW 46 M5V STEEL
				80	-	110,000	119,300	10	31113258	ZY 0816 6 ADW 80 M5V STEEL
		10	13	46	W 176	85,000	95,400	10	31115254	ZY 1013 6 ADW 46 M5V STEEL

Continued on next page

Discontinued product

Mounted points
For universal use on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	10	13	80	W 176	85,000	95,400	10	31115258	ZY 1013 6 ADW 80 M5V STEEL
			20	46	W 177	85,000	95,400	10	31118254	ZY 1020 6 ADW 46 M5V STEEL
				80	W 177	85,000	95,400	10	31118258	ZY 1020 6 ADW 80 M5V STEEL
			25	46	W 178	83,200	83,200	10	31119254	ZY 1025 6 ADW 46 M5V STEEL
				80	W 178	83,200	83,200	10	31119258	ZY 1025 6 ADW 80 M5V STEEL
			32	46	W 179	62,800	62,800	10	31120254	ZY 1032 6 ADW 46 M5V STEEL
				80	W 179	62,800	62,800	10	31120258	ZY 1032 6 ADW 80 M5V STEEL
		13	13	46	W 185	65,000	73,400	10	*31121254*	ZY 1313 6 ADW 46 M5V STEEL
			20	46	W 186	65,000	73,400	10	31124254	ZY 1320 6 ADW 46 M5V STEEL
				80	W 186	65,000	73,400	10	31124258	ZY 1320 6 ADW 80 M5V STEEL
			25	46	W 187	65,000	66,000	10	31125254	ZY 1325 6 ADW 46 M5V STEEL
				80	W 187	65,000	66,000	10	31125258	ZY 1325 6 ADW 80 M5V STEEL
			40	46	W 188	42,400	42,400	10	31146254	ZY 1340 6 ADW 46 M5V STEEL
		16	4	46	-	55,000	59,600	10	*31313254*	ZY 1604 6 ADW 46 M5V STEEL
				80	-	55,000	59,600	10	*31313258*	ZY 1604 6 ADW 80 M5V STEEL
			20	30	W 195	55,000	59,600	10	31126253	ZY 1620 6 ADW 30 M5V STEEL
				60	W 195	55,000	59,600	10	31126256	ZY 1620 6 ADW 60 M5V STEEL
			32	30	-	51,200	51,200	10	31127253	ZY 1632 6 ADW 30 M5V STEEL
				60	-	51,200	51,200	10	31127256	ZY 1632 6 ADW 60 M5V STEEL
			40	30	-	40,500	40,500	10	31128253	ZY 1640 6 ADW 30 M5V STEEL
			50	30	W 197	31,300	31,300	10	31129253	ZY 1650 6 ADW 30 M5V STEEL
		20	6	46	W 201	43,000	47,700	10	31317254	ZY 2006 6 ADW 46 M5V STEEL
				80	W 201	43,000	47,700	10	*31317258*	ZY 2006 6 ADW 80 M5V STEEL
			20	30	W 204	43,000	47,700	10	31130253	ZY 2020 6 ADW 30 M5V STEEL
				60	W 204	43,000	47,700	10	31130256	ZY 2020 6 ADW 60 M5V STEEL
			25	30	W 205	43,000	47,700	10	31131253	ZY 2025 6 ADW 30 M5V STEEL
				60	W 205	43,000	47,700	10	31131256	ZY 2025 6 ADW 60 M5V STEEL
			32	30	W 206	41,100	41,100	10	31132253	ZY 2032 6 ADW 30 M5V STEEL
				60	W 206	41,100	41,100	10	31132256	ZY 2032 6 ADW 60 M5V STEEL
			40	30	W 207	32,400	32,400	10	31133253	ZY 2040 6 ADW 30 M5V STEEL
				60	W 207	32,400	32,400	10	31133256	ZY 2040 6 ADW 60 M5V STEEL
		25	6	46	W 216	35,000	38,100	10	31321254	ZY 2506 6 ADW 46 M5V STEEL
			25	30	W 220	35,000	38,100	10	31134253	ZY 2525 6 ADW 30 M5V STEEL
				60	W 220	35,000	38,100	10	31134256	ZY 2525 6 ADW 60 M5V STEEL
			32	30	-	32,900	32,900	10	31135253	ZY 2532 6 ADW 30 M5V STEEL
		32	8	30	W 226	27,000	29,800	5	*31325253*	ZY 3208 6 ADW 30 M5V STEEL
				60	W 226	27,000	29,800	5	31325256	ZY 3208 6 ADW 60 M5V STEEL
			16	24	-	27,000	29,800	5	31326252	ZY 3216 6 ADW 24 M5V STEEL
			20	24	W 228	27,000	29,800	5	31327252	ZY 3220 6 ADW 24 M5V STEEL
				46	W 228	27,000	29,800	5	*31327254*	ZY 3220 6 ADW 46 M5V STEEL
			32	24	W 230	25,700	25,700	5	31136252	ZY 3232 6 ADW 24 M5V STEEL
				46	W 230	25,700	25,700	5	31136254	ZY 3232 6 ADW 46 M5V STEEL
			40	24	W 231	20,300	20,300	5	31137252	ZY 3240 6 ADW 24 M5V STEEL
				46	W 231	20,300	20,300	5	31137254	ZY 3240 6 ADW 46 M5V STEEL
		40	6	46	W 235	22,000	23,800	5	*31375254*	ZY 4006 6 ADW 46 M5V STEEL
			10	30	W 236	22,000	23,800	5	31328253	ZY 4010 6 ADW 30 M5V STEEL
			20	24	-	22,000	23,800	5	31330252	ZY 4020 6 ADW 24 M5V STEEL
				46	-	22,000	23,800	5	31330254	ZY 4020 6 ADW 46 M5V STEEL
			40	24	W 238	16,200	16,200	5	31138252	ZY 4040 6 ADW 24 M5V STEEL
				46	W 238	16,200	16,200	5	31138254	ZY 4040 6 ADW 46 M5V STEEL
		50	8	30	-	17,000	19,000	5	31378253	ZY 5008 6 ADW 30 M5V STEEL
			13	30	-	17,000	19,000	5	31331253	ZY 5013 6 ADW 30 M5V STEEL
			25	46	W 242	17,000	19,000	5	31332254	ZY 5025 6 ADW 46 M5V STEEL
8	40	50	25	24	W 242	17,000	19,000	5	31382252	ZY 5025 8 ADW 24 M5V STEEL

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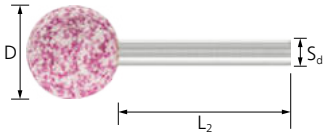
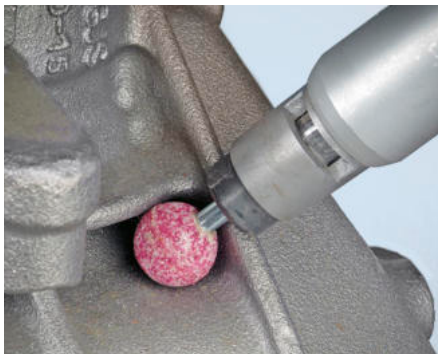


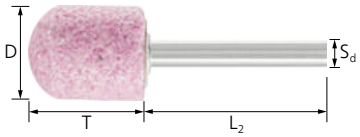
STEEL, ball type

These mounted points are exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on steel constructions. The ball shape KU is often used for contour grinding and backside deburring.



Special features:
- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	L_2 [mm]	D [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	13	46	65,000	73,400	10	31706254	KU 13 6 ADW 46 M5V STEEL
		16	30	55,000	59,600	10	31707253	KU 16 6 ADW 30 M5V STEEL
			60	55,000	59,600	10	31707256	KU 16 6 ADW 60 M5V STEEL
		20	30	43,000	47,700	10	31708253	KU 20 6 ADW 30 M5V STEEL
			60	43,000	47,700	10	31708256	KU 20 6 ADW 60 M5V STEEL
		25	60	35,000	38,100	10	31709256	KU 25 6 ADW 60 M5V STEEL
		32	24	27,000	29,800	5	31710252	KU 32 6 ADW 24 M5V STEEL
			46	27,000	29,800	5	31710254	KU 32 6 ADW 46 M5V STEEL



Cylindrical with radius end type STEEL

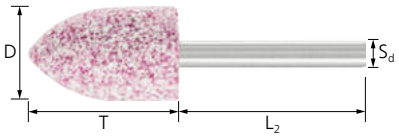
These mounted points are exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on steel constructions. The cylindrical shape with radius end WR is suitable for a variety of deburring and grinding jobs.

Special features:
- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	13	20	46	65,000	73,400	10	31406254	WR 1320 6 ADW 46 M5V STEEL
		20	25	30	43,000	47,700	10	*31407253*	WR 2025 6 ADW 30 M5V STEEL
				60	43,000	47,700	10	*31407256*	WR 2025 6 ADW 60 M5V STEEL

Discontinued product

Mounted points
For universal use on steel and cast steel

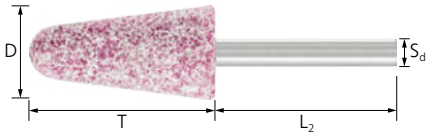


Pointed tree type STEEL

These mounted points are exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on steel constructions. The pointed tree shape SP is suitable for machining small holes and bores.

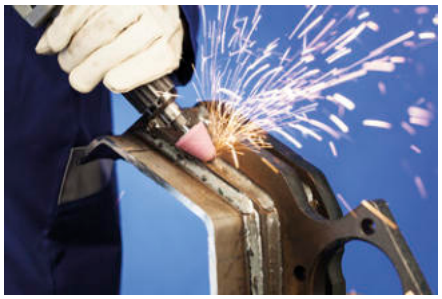
Special features:
- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	8	16	46	110,000	119,300	10	32105254	SP 0816 6 ADW 46 M5V STEEL
		13	20	46	65,000	73,400	10	32107254	SP 1320 6 ADW 46 M5V STEEL
		20	32	30	43,000	47,700	10	32109253	SP 2032 6 ADW 30 M5V STEEL
				60	43,000	47,700	10	32109256	SP 2032 6 ADW 60 M5V STEEL
			50	30	30,500	30,500	10	32111253	SP 2050 6 ADW 30 M5V STEEL
		25	40	30	35,000	35,000	10	32114253	SP 2540 6 ADW 30 M5V STEEL



STEEL, tapered type

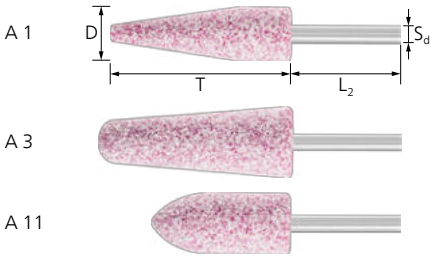
These mounted points are exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on steel constructions. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.



Special features:
- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	10	25	46	85,000	95,400	10	32209254	KE 1025 6 ADW 46 M5V STEEL
				80	65,000	95,400	10	32209258	KE 1025 6 ADW 80 M5V STEEL
		16	45	46	52,000	52,000	10	32210254	KE 1645 6 ADW 46 M5V STEEL
				80	52,000	52,000	10	32210258	KE 1645 6 ADW 80 M5V STEEL
		20	32	30	43,000	47,700	10	32208253	KE 2032 6 ADW 30 M5V STEEL
				60	43,000	47,700	10	32208256	KE 2032 6 ADW 60 M5V STEEL
			40	30	43,000	47,700	10	32212253	KE 2040 6 ADW 30 M5V STEEL
				60	43,000	47,700	10	32212256	KE 2040 6 ADW 60 M5V STEEL
		25	25	30	35,000	38,100	10	32206253	KE 2525 6 ADW 30 M5V STEEL
			45	30	34,000	34,000	10	32211253	KE 2545 6 ADW 30 M5V STEEL
				60	34,000	34,000	10	32211256	KE 2545 6 ADW 60 M5V STEEL
			70	30	20,400	20,400	10	32214253	KE 2570 6 ADW 30 M5V STEEL
		32	32	24	27,000	29,800	5	32207252	KE 3232 6 ADW 24 M5V STEEL
				46	27,000	29,800	5	32207254	KE 3232 6 ADW 46 M5V STEEL

Mounted points
For universal use on steel and cast steel



Series A STEEL

These mounted points are exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on a wide range of different contours on steel constructions.

Special features:
- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6.35	40	A 1	19	64	30	33,500	33,500	10	35001253	A 1 6,3 ADW 30 M5V STEEL
		A 11	22	50	30	30,400	30,400	10	*35011253*	A 11 6,3 ADW 30 M5V STEEL

Mounted point set SSO 5300 STEEL

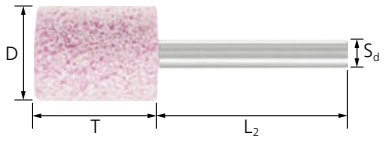
This set is exceptionally well suited for grinding high-speed steel (HSS) moulded parts and weld dressing of weld seams on steel constructions. It contains 100 mounted points with 6 mm shank diameter in the most common shapes and dimensions.

Contents:
Contains ten each of the following mounted points: 16 x 20 mm, 20 x 25 mm, 25 x 6 mm, 25 x 32 mm, 32 x 16 mm, 32 x 32 mm, 40 x 20 mm in cylindrical shape, 20 x 32 mm in pointed tree shape and 25 x 70 mm in conical shape.

Special features:
- High grinding performance and stock removal rate in general use on steel materials.
- Shortened grinding times and thus cost savings due to the high stock removal rate.
- Particularly suitable for work on surfaces.

S_d [mm]	Grit size		Item no.	Designation
6	coarse	1	33930001	SSO 5300 STEEL

For edge grinding on steel and cast steel



STEEL EDGE cylindrical mounted points

These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
3	30	2	5	100	W 141	150,000	201,800	10	31100270	ZY 0205 3 AR 100 O5V STEEL EDGE
		3	6	100	W 144	150,000	206,100	10	31103270	ZY 0306 3 AR 100 O5V STEEL EDGE
			10	100	W 145	131,400	131,400	10	35805270	ZY 0310 3 AR 100 O5V STEEL EDGE
			13	100	W 146	95,400	95,400	10	35806270	ZY 0313 3 AR 100 O5V STEEL EDGE
		4	8	60	-	150,000	175,100	10	31105276	ZY 0408 3 AR 60 O5V STEEL EDGE

Continued on next page

Discontinued product

Mounted points
For edge grinding on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
3	30	4	8	100	-	150,000	175,100	10	31105270	ZY 0408 3 AR 100 O5V STEEL EDGE
		5	10	60	W 153	130,000	130,700	10	31107276	ZY 0510 3 AR 60 O5V STEEL EDGE
				100	W 153	130,000	130,700	10	31107270	ZY 0510 3 AR 100 O5V STEEL EDGE
			13	100	W 154	114,800	114,800	10	35814270	ZY 0513 3 AR 100 O5V STEEL EDGE
			15	60	-	98,100	98,100	10	31142276	ZY 0515 3 AR 60 O5V STEEL EDGE
		6	10	60	W 162	100,000	110,500	10	35822276	ZY 0610 3 AR 60 O5V STEEL EDGE
				100	W 162	100,000	110,500	10	35822270	ZY 0610 3 AR 100 O5V STEEL EDGE
			13	60	W 163	93,600	93,600	10	31110276	ZY 0613 3 AR 60 O5V STEEL EDGE
				100	W 163	93,600	93,600	10	31110270	ZY 0613 3 AR 100 O5V STEEL EDGE
			19	60	W 164	64,500	64,500	10	*35824276*	ZY 0619 3 AR 60 O5V STEEL EDGE
				100	W 164	64,500	64,500	10	35824270	ZY 0619 3 AR 100 O5V STEEL EDGE
			25	60	-	53,100	53,100	10	31140276	ZY 0625 3 AR 60 O5V STEEL EDGE
		8	2	100	W 165	85,000	119,300	10	31305270	ZY 0802 3 AR 100 O5V STEEL EDGE
			10	46	W 169	85,000	87,600	10	31112274	ZY 0810 3 AR 46 O5V STEEL EDGE
				80	W 169	85,000	87,600	10	31112278	ZY 0810 3 AR 80 O5V STEEL EDGE
			13	46	W 170	74,400	74,400	10	*35830274*	ZY 0813 3 AR 46 O5V STEEL EDGE
				80	W 170	74,400	74,400	10	35830278	ZY 0813 3 AR 80 O5V STEEL EDGE
			16	46	-	61,000	61,000	10	31114274	ZY 0816 3 AR 46 O5V STEEL EDGE
				80	-	61,000	61,000	10	31114278	ZY 0816 3 AR 80 O5V STEEL EDGE
		10	2	100	W 172	65,000	95,400	10	31308270	ZY 1002 3 AR 100 O5V STEEL EDGE
			3	60	W 173	65,000	100,500	10	*35833276*	ZY 1003 3 AR 60 O5V STEEL EDGE
			10	80	W 175	65,000	77,500	10	35835278	ZY 1010 3 AR 80 O5V STEEL EDGE
			13	46	W 176	58,400	58,400	10	31116274	ZY 1013 3 AR 46 O5V STEEL EDGE
				80	W 176	58,400	58,400	10	31116278	ZY 1013 3 AR 80 O5V STEEL EDGE
		13	3	60	W 182	50,000	73,400	10	31311276	ZY 1303 3 AR 60 O5V STEEL EDGE
				100	W 182	50,000	73,400	10	31311270	ZY 1303 3 AR 100 O5V STEEL EDGE
			13	46	W 185	45,300	45,300	10	31122274	ZY 1313 3 AR 46 O5V STEEL EDGE
				80	W 185	45,300	45,300	10	31122278	ZY 1313 3 AR 80 O5V STEEL EDGE
		16	3	60	W 191	42,000	60,000	10	35851276	ZY 1603 3 AR 60 O5V STEEL EDGE
			4	46	-	42,000	59,600	10	*31314274*	ZY 1604 3 AR 46 O5V STEEL EDGE
				80	-	42,000	59,600	10	31314278	ZY 1604 3 AR 80 O 5V STEEL EDGE
		19	3	60	W 200	35,000	49,900	10	35860276	ZY 1903 3 AR 60 O5V STEEL EDGE
		20	6	80	W 201	33,000	47,700	10	31340278	ZY 2006 3 AR 80 O5V STEEL EDGE
		25	3	100	W 215	26,000	37,500	10	*35875270*	ZY 2503 3 AR 100 O5V STEEL EDGE
6	40	3	6	100	W 144	150,000	206,100	10	*31102270*	ZY 0306 6 AR 100 O5V STEEL EDGE
		4	8	60	-	150,000	177,400	10	31104276	ZY 0408 6 AR 60 O5V STEEL EDGE
				100	-	150,000	177,400	10	*31104270*	ZY 0408 6 AR 100 O5V STEEL EDGE
		5	10	60	W 153	130,000	157,800	10	31106276	ZY 0510 6 AR 60 O5V STEEL EDGE
				100	W 153	130,000	157,800	10	31106270	ZY 0510 6 AR 100 O5V STEEL EDGE
		6	13	60	W 163	100,000	131,500	10	31109276	ZY 0613 6 AR 60 O5V STEEL EDGE
				100	W 163	100,000	131,500	10	31109270	ZY 0613 6 AR 100 O5V STEEL EDGE
			25	60	-	62,200	62,200	10	31139276	ZY 0625 6 AR 60 O5V STEEL EDGE
		8	10	46	W 169	85,000	119,300	10	31111274	ZY 0810 6 AR 46 O5V STEEL EDGE
				80	W 169	85,000	119,300	10	31111278	ZY 0810 6 AR 80 O5V STEEL EDGE
			16	46	-	85,000	119,300	10	31113274	ZY 0816 6 AR 46 O5V STEEL EDGE
				80	-	85,000	119,300	10	31113278	ZY 0816 6 AR 80 O5V STEEL EDGE
		10	13	46	W 176	65,000	95,400	10	31115274	ZY 1013 6 AR 46 O5V STEEL EDGE
				80	W 176	65,000	95,400	10	31115278	ZY 1013 6 AR 80 O5V STEEL EDGE
			20	46	W 177	65,000	95,400	10	31118274	ZY 1020 6 AR 46 O5V STEEL EDGE
				80	W 177	65,000	95,400	10	31118278	ZY 1020 6 AR 80 O5V STEEL EDGE
			25	46	W 178	65,000	83,200	10	31119274	ZY 1025 6 AR 46 O5V STEEL EDGE
				80	W 178	65,000	83,200	10	31119278	ZY 1025 6 AR 80 O5V STEEL EDGE
			32	46	W 179	62,800	62,800	10	31120274	ZY 1032 6 AR 46 O5V STEEL EDGE
				80	W 179	62,800	62,800	10	31120278	ZY 1032 6 AR 80 O5V STEEL EDGE

Continued on next page

Discontinued product

Mounted points
For edge grinding on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	13	3	60	W 182	50,000	73,400	10	*31310276*	ZY 1303 6 AR 60 O5V STEEL EDGE
			13	46	W 185	50,000	73,400	10	*31121274*	ZY 1313 6 AR 46 O5V STEEL EDGE
				80	W 185	50,000	73,400	10	*31121278*	ZY 1313 6 AR 80 O5V STEEL EDGE
			20	46	W 186	50,000	73,400	10	31124274	ZY 1320 6 AR 46 O5V STEEL EDGE
				80	W 186	50,000	73,400	10	*31124278*	ZY 1320 6 AR 80 O5V STEEL EDGE
			25	46	W 187	50,000	66,000	10	31125274	ZY 1325 6 AR 46 O5V STEEL EDGE
				80	W 187	50,000	66,000	10	31125278	ZY 1325 6 AR 80 O5V STEEL EDGE
			40	46	W 188	42,400	42,400	10	31146274	ZY 1340 6 AR 46 O5V STEEL EDGE
		16	4	46	-	42,000	59,600	10	*31313274*	ZY 1604 6 AR 46 O5V STEEL EDGE
				80	-	42,000	59,600	10	*31313278*	ZY 1604 6 AR 80 O5V STEEL EDGE
			10	30	W 193	42,000	59,600	10	*31316273*	ZY 1610 6 AR 30 O5V STEEL EDGE
			20	30	W 195	42,000	59,600	10	31126273	ZY 1620 6 AR 30 O5V STEEL EDGE
				60	W 195	42,000	59,600	10	31126276	ZY 1620 6 AR 60 O5V STEEL EDGE
			32	30	-	42,000	51,200	10	31127273	ZY 1632 6 AR 30 O5V STEEL EDGE
				60	-	42,000	51,200	10	31127276	ZY 1632 6 AR 60 O5V STEEL EDGE
			40	30	-	40,500	40,500	10	31128273	ZY 1640 6 AR 30 O5V STEEL EDGE
				60	-	40,500	40,500	10	31128276	ZY 1640 6 AR 60 O5V STEEL EDGE
			50	30	W 197	31,300	31,300	10	31129273	ZY 1650 6 AR 30 O5V STEEL EDGE
		20	6	46	W 201	33,000	47,700	10	*31317274*	ZY 2006 6 AR 46 O5V STEEL EDGE
				80	W 201	33,000	47,700	10	*31317278*	ZY 2006 6 AR 80 O5V STEEL EDGE
			10	30	W 202	33,000	47,700	10	*31319273*	ZY 2010 6 AR 30 O5V STEEL EDGE
				60	W 202	33,000	47,700	10	*31319276*	ZY 2010 6 AR 60 O5V STEEL EDGE
			20	30	W 204	33,000	47,700	10	31130273	ZY 2020 6 AR 30 O5V STEEL EDGE
				60	W 204	33,000	47,700	10	31130276	ZY 2020 6 AR 60 O5V STEEL EDGE
			25	30	W 205	33,000	47,700	10	31131273	ZY 2025 6 AR 30 O5V STEEL EDGE
				60	W 205	33,000	47,700	10	31131276	ZY 2025 6 AR 60 O5V STEEL EDGE
			32	30	W 206	33,000	41,100	10	31132273	ZY 2032 6 AR 30 O5V STEEL EDGE
				60	W 206	33,000	41,100	10	31132276	ZY 2032 6 AR 60 O5V STEEL EDGE
			40	30	W 207	32,400	32,400	10	31133273	ZY 2040 6 AR 30 O5V STEEL EDGE
				60	W 207	32,400	32,400	10	31133276	ZY 2040 6 AR 60 O5V STEEL EDGE
			50	30	W 208	25,100	25,100	10	31148273	ZY 2050 6 AR 30 O5V STEEL EDGE
		25	6	46	W 214	26,000	38,100	10	31321274	ZY 2506 6 AR 46 O5V STEEL EDGE
				80	W 214	26,000	38,100	10	31321278	ZY 2506 6 AR 80 O5V STEEL EDGE
			10	30	W 217	26,000	38,100	10	*31322273*	ZY 2510 6 AR 30 O5V STEEL EDGE
			13	30	W 218	26,000	38,100	10	31323273	ZY 2513 6 AR 30 O5V STEEL EDGE
			16	60	-	26,000	38,100	10	31324276	ZY 2516 6 AR 60 O5V STEEL EDGE
			25	30	W 220	26,000	38,100	10	31134273	ZY 2525 6 AR 30 O5V STEEL EDGE
				60	W 220	26,000	38,100	10	31134276	ZY 2525 6 AR 60 O5V STEEL EDGE
			32	30	-	26,000	32,900	10	31135273	ZY 2532 6 AR 30 O5V STEEL EDGE
				60	-	26,000	32,900	10	31135276	ZY 2532 6 AR 60 O5V STEEL EDGE
			40	30	W 221	26,000	26,000	10	31151273	ZY 2540 6 AR 30 O5V STEEL EDGE
		32	6	46	W 225	21,000	30,000	5	35985274	ZY 3206 6 AR 46 O5V STEEL EDGE
			8	30	-	21,000	29,800	5	*31325273*	ZY 3208 6 AR 30 O5V STEEL EDGE
				60	-	21,000	29,800	5	*31325276*	ZY 3208 6 AR 60 O5V STEEL EDGE
			20	24	W 228	21,000	29,800	5	31327272	ZY 3220 6 AR 24 O5V STEEL EDGE
				46	W 228	21,000	29,800	5	31327274	ZY 3220 6 AR 46 O5V STEEL EDGE
			32	24	W 230	21,000	25,700	5	31136272	ZY 3232 6 AR 24 O5V STEEL EDGE
				46	W 230	21,000	25,700	5	31136274	ZY 3232 6 AR 46 O5V STEEL EDGE
			40	24	W 231	20,300	20,300	5	31137272	ZY 3240 6 AR 24 O5V STEEL EDGE
				46	W 231	20,300	20,300	5	*31137274*	ZY 3240 6 AR 46 O5V STEEL EDGE
		40	6	46	W 235	16,000	23,800	5	31375274	ZY 4006 6 AR 46 O5V STEEL EDGE
			10	30	W 236	16,000	23,800	5	31328273	ZY 4010 6 AR 30 O5V STEEL EDGE
				60	W 236	16,000	23,800	5	31328276	ZY 4010 6 AR 60 O5V STEEL EDGE
			15	30	-	16,000	23,800	5	*31329273*	ZY 4015 6 AR 30 O5V STEEL EDGE

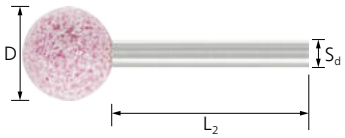
Continued on next page

Discontinued product

Mounted points
For edge grinding on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	40	15	60	-	16,000	23,800	5	*31329276*	ZY 4015 6 AR 60 O5V STEEL EDGE
			20	24	-	16,000	23,800	5	31330272	ZY 4020 6 AR 24 O5V STEEL EDGE
				46	-	16,000	23,800	5	31330274	ZY 4020 6 AR 46 O5V STEEL EDGE
			40	24	W 238	16,000	16,200	5	31138272	ZY 4040 6 AR 24 O5V STEEL EDGE
				46	W 238	16,000	16,200	5	31138274	ZY 4040 6 AR 46 O5V STEEL EDGE
		50	8	30	-	13,000	19,000	5	31378273	ZY 5008 6 AR 30 O5V STEEL EDGE
			13	30	-	13,000	19,000	5	*31331273*	ZY 5013 6 AR 30 O5V STEEL EDGE
			25	24	W 242	13,000	19,000	5	31332272	ZY 5025 6 AR 24 O5V STEEL EDGE
				46	W 242	13,000	19,000	5	31332274	ZY 5025 6 AR 46 O5V STEEL EDGE
8	40	32	40	24	W 231	21,000	29,800	5	*31187272*	ZY 3240 8 AR 24 O5V STEEL EDGE
		40	40	24	W 238	16,000	23,800	5	31188272	ZY 4040 8 AR 24 O5V STEEL EDGE



STEEL EDGE, ball type

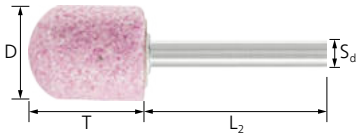
These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. The ball shape KU is often used for contour grinding and backside deburring.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	D [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	3	100	150,000	300,200	10	31702270	KU 03 3 AR 100 O5V STEEL EDGE
		5	60	130,000	190,900	10	31704276	KU 05 3 AR 60 O5V STEEL EDGE
			100	130,000	190,900	10	31704270	KU 05 3 AR 100 O5V STEEL EDGE
		8	46	85,000	116,200	10	31715274	KU 08 3 AR 46 O5V STEEL EDGE
			80	85,000	116,200	10	31715278	KU 08 3 AR 80 O5V STEEL EDGE
		10	46	65,000	83,300	10	31712274	KU 10 3 AR 46 O5V STEEL EDGE
			80	65,000	83,300	10	31712278	KU 10 3 AR 80 O5V STEEL EDGE
		13	46	50,000	54,000	10	31717274	KU 13 3 AR 46 O5V STEEL EDGE
			80	50,000	54,000	10	31717278	KU 13 3 AR 80 O5V STEEL EDGE
6	40	3	100	150,000	317,300	10	31701270	KU 03 6 AR 100 O5V STEEL EDGE
		5	60	130,000	190,900	10	31703276	KU 05 6 AR 60 O5V STEEL EDGE
			100	130,000	190,900	10	31703270	KU 05 6 AR 100 O5V STEEL EDGE
		8	46	85,000	119,300	10	31705274	KU 08 6 AR 46 O5V STEEL EDGE
			80	85,000	119,300	10	31705278	KU 08 6 AR 80 O5V STEEL EDGE
		10	46	65,000	95,400	10	31711274	KU 10 6 AR 46 O5V STEEL EDGE
			80	65,000	95,400	10	31711278	KU 10 6 AR 80 O5V STEEL EDGE
		13	46	50,000	73,400	10	31706274	KU 13 6 AR 46 O5V STEEL EDGE
			80	50,000	73,400	10	31706278	KU 13 6 AR 80 O5V STEEL EDGE
		16	30	42,000	59,600	10	31707273	KU 16 6 AR 30 O5V STEEL EDGE
			60	42,000	59,600	10	31707276	KU 16 6 AR 60 O5V STEEL EDGE
		20	30	33,000	47,700	10	31708273	KU 20 6 AR 30 O5V STEEL EDGE
			60	33,000	47,700	10	31708276	KU 20 6 AR 60 O5V STEEL EDGE
		25	30	26,000	38,100	10	31709273	KU 25 6 AR 30 O5V STEEL EDGE
			60	26,000	38,100	10	31709276	KU 25 6 AR 60 O5V STEEL EDGE
		32	24	21,000	29,800	5	31710272	KU 32 6 AR 24 O5V STEEL EDGE
			46	21,000	29,800	5	31710274	KU 32 6 AR 46 O5V STEEL EDGE

Discontinued product

Mounted points
For edge grinding on steel and cast steel

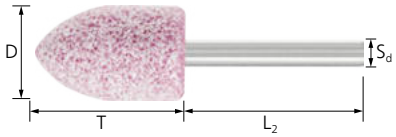


Cylindrical with radius end type STEEL EDGE

These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. The cylindrical shape with radius end WR is perfect for a variety of deburring and grinding jobs.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	3	6	100	150,000	219,800	10	31402270	WR 0306 3 AR 100 O5V STEEL EDGE
		5	10	60	130,000	136,500	10	31404276	WR 0510 3 AR 60 O5V STEEL EDGE
				100	130,000	136,500	10	31404270	WR 0510 3 AR 100 O5V STEEL EDGE
6	40	5	10	60	130,000	168,400	10	*31403276*	WR 0510 6 AR 60 O5V STEEL EDGE
		8	16	46	85,000	119,300	10	31405274	WR 0816 6 AR 46 O5V STEEL EDGE
				80	85,000	119,300	10	*31405278*	WR 0816 6 AR 80 O5V STEEL EDGE
		13	20	46	50,000	73,400	10	31406274	WR 1320 6 AR 46 O5V STEEL EDGE
				80	50,000	73,400	10	31406278	WR 1320 6 AR 80 O5V STEEL EDGE
		20	25	30	33,000	47,700	10	31407273	WR 2025 6 AR 30 O5V STEEL EDGE
				60	33,000	47,700	10	31407276	WR 2025 6 AR 60 O5V STEEL EDGE



Pointed tree type STEEL EDGE

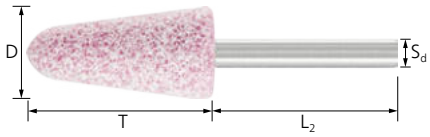
These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. The pointed tree shape SP is exceptionally well-suited for machining small holes and bores.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	3	6	100	150,000	252,000	10	32102270	SP 0306 3 AR 100 O5V STEEL EDGE
		5	10	60	130,000	149,500	10	32104276	SP 0510 3 AR 60 O5V STEEL EDGE
				100	130,000	149,500	10	32104270	SP 0510 3 AR 100 O5V STEEL EDGE
		8	16	46	72,800	72,800	10	32106274	SP 0816 3 AR 46 O5V STEEL EDGE
				80	72,800	72,800	10	32106278	SP 0816 3 AR 80 O5V STEEL EDGE
6	40	3	6	100	150,000	255,500	10	32101270	SP 0306 6 AR 100 O5V STEEL EDGE
		5	10	60	130,000	190,900	10	32103276	SP 0510 6 AR 60 O5V STEEL EDGE
				100	130,000	190,900	10	32103270	SP 0510 6 AR 100 O5V STEEL EDGE
		8	16	46	85,000	119,300	10	32105274	SP 0816 6 AR 46 O5V STEEL EDGE
				80	85,000	119,300	10	32105278	SP 0816 6 AR 80 O5V STEEL EDGE
		13	20	46	50,000	73,400	10	32107274	SP 1320 6 AR 46 O5V STEEL EDGE
				80	50,000	73,400	10	32107278	SP 1320 6 AR 80 O5V STEEL EDGE
		20	32	30	33,000	47,700	10	32109273	SP 2032 6 AR 30 O5V STEEL EDGE
				60	33,000	47,700	10	32109276	SP 2032 6 AR 60 O5V STEEL EDGE
			50	30	30,500	30,500	10	32111273	SP 2050 6 AR 30 O5V STEEL EDGE
		25	40	30	26,000	35,000	10	32114273	SP 2540 6 AR 30 O5V STEEL EDGE

Discontinued product

Mounted points
For edge grinding on steel and cast steel

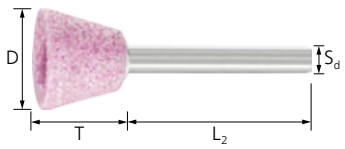


STEEL EDGE, tapered type

These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. The conical shape KE is designed for a comfortable working position when smoothing out a ridge on a surface.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	10	10	46	65,000	95,400	10	32202274	KE 1010 3 AR 46 O5V STEEL EDGE
6	40	10	10	46	65,000	95,400	10	*32201274*	KE 1010 6 AR 46 O5V STEEL EDGE
			25	46	65,000	95,400	10	32209274	KE 1025 6 AR 46 O5V STEEL EDGE
				80	65,000	95,400	10	32209278	KE 1025 6 AR 80 O5V STEEL EDGE
		13	13	46	50,000	73,400	10	*32203274*	KE 1313 6 AR 46 O5V STEEL EDGE
		16	16	30	42,000	59,600	10	*32204273*	KE 1616 6 AR 30 O5V STEEL EDGE
				60	42,000	59,600	10	32204276	KE 1616 6 AR 60 O5V STEEL EDGE
			45	46	42,000	52,000	10	32210274	KE 1645 6 AR 46 O5V STEEL EDGE
				80	42,000	52,000	10	32210278	KE 1645 6 AR 80 O5V STEEL EDGE
		20	20	30	33,000	47,700	10	32205273	KE 2020 6 AR 30 O5V STEEL EDGE
				60	33,000	47,700	10	*32205276*	KE 2020 6 AR 60 O5V STEEL EDGE
			32	30	33,000	47,700	10	32208273	KE 2032 6 AR 30 O5V STEEL EDGE
				60	33,000	47,700	10	32208276	KE 2032 6 AR 60 O5V STEEL EDGE
			40	30	33,000	47,700	10	32212273	KE 2040 6 AR 30 O5V STEEL EDGE
				60	33,000	47,700	10	32212276	KE 2040 6 AR 60 O5V STEEL EDGE
		25	25	30	26,000	38,100	10	32206273	KE 2525 6 AR 30 O5V STEEL EDGE
				60	26,000	38,100	10	32206276	KE 2525 6 AR 60 O5V STEEL EDGE
			45	30	26,000	34,000	10	32211273	KE 2545 6 AR 30 O5V STEEL EDGE
				60	26,000	34,000	10	32211276	KE 2545 6 AR 60 O5V STEEL EDGE
			70	30	20,400	20,400	10	32214273	KE 2570 6 AR 30 O5V STEEL EDGE
		32	32	24	21,000	29,800	5	32207272	KE 3232 6 AR 24 O5V STEEL EDGE
				46	21,000	29,800	5	32207274	KE 3232 6 AR 46 O5V STEEL EDGE
8	40	32	50	24	21,000	29,800	5	32216272	KE 3250 8 AR 24 O5V STEEL EDGE



STEEL EDGE cups

These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. The cup shape TO is ideal for work on profiles, planar surfaces and ledges, without the cylindrical surface being damaged.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	16	30	33,000	47,700	10	32901273	TO 2016 6 AR 30 O5V STEEL EDGE
				60	33,000	47,700	10	32901276	TO 2016 6 AR 60 O5V STEEL EDGE
		25	20	30	26,000	38,100	10	*32902273*	TO 2520 6 AR 30 O5V STEEL EDGE

Continued on next page

Mounted points
For edge grinding on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	32	25	24	21,000	29,800	5	32903272	TO 3225 6 AR 24 O5V STEEL EDGE
				46	21,000	29,800	5	32903274	TO 3225 6 AR 46 O5V STEEL EDGE

Series A STEEL EDGE

These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on a wide range of different contours.

Special features:

- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	A 1	19	64	30	30,400	30,400	10	35501273	A 1 6 AR 30 O5V STEEL EDGE
		A 2	25	32	30	26,000	37,500	10	35502273	A 2 6 AR 30 O5V STEEL EDGE
		A 3	25	70	30	18,600	18,600	10	35503273	A 3 6 AR 30 O5V STEEL EDGE
		A 4	32	32	30	21,000	30,000	5	35504273	A 4 6 AR 30 O5V STEEL EDGE
		A 5	19	29	30	35,000	49,900	10	35505273	A 5 6 AR 30 O5V STEEL EDGE
		A 6	19	29	30	35,000	49,900	10	35506273	A 6 6 AR 30 O5V STEEL EDGE
		A 11	22	50	30	27,600	27,600	10	35511273	A 11 6 AR 30 O5V STEEL EDGE
		A 12	17	32	30	40,000	54,500	10	35512273	A 12 6 AR 30 O5V STEEL EDGE
		A 14	17	22	30	40,000	54,500	10	35514273	A 14 6 AR 30 O5V STEEL EDGE
		A 15	6	27	60	100,000	112,900	10	35515296	A 15 6 AR 60 O5V STEEL EDGE
					100	100,000	112,900	10	35515290	A 15 6 AR 100 O5V STEEL EDGE
		A 21	25	25	30	26,000	37,500	10	35521273	A 21 6 AR 30 O5V STEEL EDGE
		A 24	6	19	60	100,000	117,400	10	35524276	A 24 6 AR 60 O5V STEEL EDGE
					100	100,000	117,400	10	35524270	A 24 6 AR 100 O5V STEEL EDGE
		A 25	25	25	30	26,000	37,500	10	35525273	A 25 6 AR 30 O5V STEEL EDGE
		A 26	16	16	30	42,000	60,000	10	35526273	A 26 6 AR 30 O5V STEEL EDGE
		A 34	38	10	30	18,000	25,000	5	35534273	A 34 6 AR 30 O5V STEEL EDGE
		A 36	41	10	60	16,000	23,100	5	35536276	A 36 6 AR 60 O5V STEEL EDGE
		A 37	32	6	60	21,000	30,000	5	35537276	A 37 6 AR 60 O5V STEEL EDGE
6.35	40	A 1	19	64	30	33,500	33,500	10	35001273	A 1 6,3 AR 30 O5V STEEL EDGE
		A 2	25	32	30	26,000	37,500	10	35002273	A 2 6,3 AR 30 O5V STEEL EDGE
		A 3	25	70	30	18,600	18,600	10	35003273	A 3 6,3 AR 30 O5V STEEL EDGE
		A 4	32	32	30	21,000	30,000	5	35004273	A 4 6,3 AR 30 O5V STEEL EDGE
		A 5	19	29	30	35,000	49,900	10	35005273	A 5 6,3 AR 30 O5V STEEL EDGE
		A 11	22	50	30	30,400	30,400	10	35011273	A 11 6,3 AR 30 O5V STEEL EDGE
		A 12	17	32	30	40,000	54,500	10	35012273	A 12 6,3 AR 30 O5V STEEL EDGE
		A 15	6	27	60	100,000	112,900	10	*35015296*	A 15 6,3 AR 60 O5V STEEL EDGE
		A 24	6	19	60	100,000	117,400	10	35024276	A 24 6,3 AR 60 O5V STEEL EDGE
		A 25	25	25	30	26,000	37,500	10	35025273	A 25 6,3 AR 30 O5V STEEL EDGE

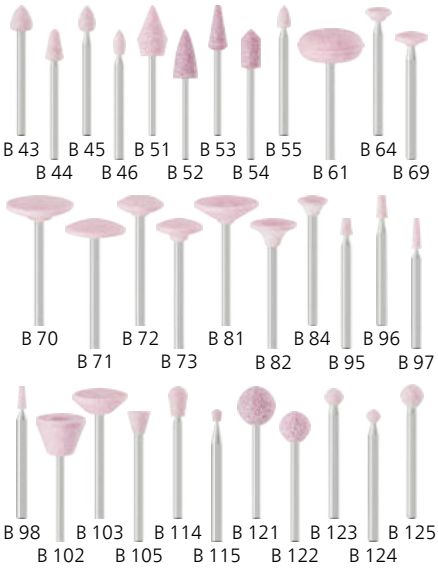
Continued on next page

Discontinued product

Mounted points
For edge grinding on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6.35	40	A 36	41	10	60	16,000	23,100	5	*35036276*	A 36 6,3 AR 60 O5V STEEL EDGE
		A 37	32	6	60	21,000	30,000	5	*35037276*	A 37 6,3 AR 60 O5V STEEL EDGE



Series B STEEL EDGE

These mounted points are particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on a wide range of different contours on smaller or more delicate components.

Special features:

- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	B 43	6	8	100	100,000	149,200	10	35603270	B 43 3 AR 100 O5V STEEL EDGE
		B 44	6	10	100	100,000	141,100	10	35604270	B 44 3 AR 100 O5V STEEL EDGE
		B 45	5	8	100	130,000	181,900	10	35605270	B 45 3 AR 100 O5V STEEL EDGE
		B 46	3	8	100	150,000	267,100	10	35606270	B 46 3 AR 100 O5V STEEL EDGE
		B 51	11	19	80	60,000	63,600	10	35611278	B 51 3 AR 80 O5V STEEL EDGE
		B 52	10	19	46	65,000	66,200	10	35612274	B 52 3 AR 46 O5V STEEL EDGE
					80	65,000	66,200	10	35612278	B 52 3 AR 80 O5V STEEL EDGE
		B 53	6	16	60	100,000	149,200	10	35613276	B 53 3 AR 60 O5V STEEL EDGE
					100	100,000	149,200	10	35613270	B 53 3 AR 100 O5V STEEL EDGE
		B 54	6	13	60	100,000	101,500	10	35614276	B 54 3 AR 60 O5V STEEL EDGE
					100	100,000	101,500	10	35614270	B 54 3 AR 100 O5V STEEL EDGE
		B 55	3	6	100	150,000	257,000	10	35615270	B 55 3 AR 100 O5V STEEL EDGE
		B 61	19	8	80	35,000	45,000	10	*35621278*	B 61 3 AR 80 O5V STEEL EDGE
		B 64	6	2	100	100,000	149,200	10	*35624270*	B 64 3 AR 100 O5V STEEL EDGE
		B 69	8	2	100	85,000	120,800	10	*35629270*	B 69 3 AR 100 O5V STEEL EDGE
		B 70	19	3	100	35,000	49,900	10	35630270	B 70 3 AR 100 O5V STEEL EDGE
		B 71	16	2	100	42,000	60,000	10	35631270	B 71 3 AR 100 O5V STEEL EDGE
		B 72	13	3	100	50,000	75,100	10	35632270	B 72 3 AR 100 O5V STEEL EDGE
		B 73	13	3	100	50,000	75,100	10	35633270	B 73 3 AR 100 O5V STEEL EDGE
		B 81	19	8	100	35,000	49,900	10	35641270	B 81 3 AR 100 O5V STEEL EDGE
		B 82	13	6	100	50,000	75,100	10	*35642270*	B 82 3 AR 100 O5V STEEL EDGE
		B 95	3	5	100	150,000	260,300	10	*35655270*	B 95 3 AR 100 O5V STEEL EDGE
		B 96	3	6	100	150,000	236,100	10	35656270	B 96 3 AR 100 O5V STEEL EDGE
		B 97	2	10	100	107,300	107,300	10	35657270	B 97 3 AR 100 O5V STEEL EDGE
		B 98	2	6	100	150,000	168,300	10	35658270	B 98 3 AR 100 O5V STEEL EDGE
		B 102	16	13	80	42,000	46,400	10	*35662278*	B 102 3 AR 80 O5V STEEL EDGE
		B 103	16	5	80	42,000	60,000	10	35663278	B 103 3 AR 80 O5V STEEL EDGE
		B 105	6	6	100	100,000	149,200	10	35665270	B 105 3 AR 100 O5V STEEL EDGE
		B 114	6	10	100	100,000	136,900	10	35674270	B 114 3 AR 100 O5V STEEL EDGE

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Discontinued product

Mounted points
For edge grinding on steel and cast steel

PFERD TOOLS

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	B 121	13	13	46	50,000	56,200	10	35681274	B 121 3 AR 46 O5V STEEL EDGE
		B 122	10	10	46	65,000	90,200	10	35682274	B 122 3 AR 46 O5V STEEL EDGE
					80	65,000	90,200	10	35682278	B 122 3 AR 80 O5V STEEL EDGE
		B 123	5	5	100	130,000	198,900	10	35683270	B 123 3 AR 100 O5V STEEL EDGE
		B 124	3	3	100	150,000	291,800	10	35684270	B 124 3 AR 100 O5V STEEL EDGE
		B 125	6	6	100	100,000	149,200	10	35685270	B 125 3 AR 100 O5V STEEL EDGE

Mounted point set 2002 STEEL EDGE

This set is particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. It contains 15 small mounted points in the most common shapes and dimensions for finishing work.

Contents:
Contains two each of the following mounted points: 5 x 10 mm, 8 x 10 mm, 16 x 4 mm in cylindrical shape; and one each of the following mounted points: 4 x 8 mm, 6 x 13 mm, 8 x 2 mm, 10 x 13 mm, 13 x 3 mm in cylindrical shape, 5 x 10 mm in cylindrical shape with radius end, in ball shape with dia. 5 mm, 3 x 6 mm and 8 x 16 mm in pointed tree shape.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	Grit size		Item no.	Designation
3	fine	1	33920231	2002 O F STEEL EDGE

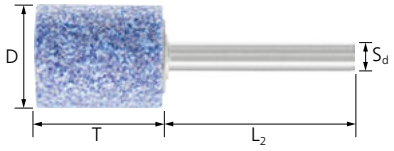
Mounted point set 2001 STEEL EDGE

This set is particularly suitable for edge grinding and for deburring work, as well as for grinding chamfers for weld seam preparation and weld dressing on contours. It contains 10 mounted points in the most common shapes and dimensions.

Contents:
Contains one each of the following mounted points: in cylindrical shape 10 x 13 mm, 13 x 20 mm, 20 x 6 mm, 20 x 13 mm, 20 x 25 mm, in ball shape dia. 16 mm, in cylindrical shape with radius end 20 x 25 mm, in conical shape 20 x 20 mm, 20 x 32 mm and in pointed tree shape 13 x 20 mm.

Special features:
- Long tool life and low tool wear due to hard, dimensionally stable bond.
- Economical to use due to the high edge stability even on low-speed tool drives.
- Particularly well suited to work on edges.

S_d [mm]	Grit size		Item no.	Designation
6	coarse	1	33920131	2001 O G STEEL EDGE



TOUGH, cylindrical type

These mounted points are particularly suitable for weld dressing on repair welds, reworking on turbine blades during aircraft maintenance, and regrinding of repair welds in tool and mould-making. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Cool grinding as the grain mix is easy to break down.
- High stock removal rates and very good tool life.
- Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
3	45	1	5	320	-	104,200	104,200	10	31191340	ZY 0105 3 AWCO 320 J5V TOUGH
	44	1.5	8	320	-	104,700	104,700	10	31192340	ZY 1,508 3 AWCO 320 J5V TOUGH
		1.7	8	320	-	112,300	112,300	10	31193340	ZY 1,708 3 AWCO 320 J5V TOUGH
	30	2	5	80	W 141	150,000	201,800	10	31100340	ZY 0205 3 AWCO 80 J5V TOUGH
				100	W 141	150,000	201,800	10	31100350	ZY 0205 3 AWCO 100 J5V TOUGH
		3	6	60	W 144	150,000	206,100	10	31103135	ZY 0306 3 AWCO 60 J5V TOUGH
				80	W 144	150,000	206,100	10	31103140	ZY 0306 3 AWCO 80 J5V TOUGH
				100	W 144	150,000	206,100	10	31103145	ZY 0306 3 AWCO 100 J5V TOUGH
		4	8	60	-	150,000	175,100	10	31105135	ZY 0408 3 AWCO 60 J5V TOUGH
				80	-	150,000	175,100	10	31105140	ZY 0408 3 AWCO 80 J5V TOUGH
				100	-	150,000	175,100	10	31105145	ZY 0408 3 AWCO 100 J5V TOUGH
		5	10	60	W 153	130,700	130,700	10	31107135	ZY 0510 3 AWCO 60 J5V TOUGH
				80	W 153	130,700	130,700	10	31107140	ZY 0510 3 AWCO 80 J5V TOUGH
				100	W 153	130,700	130,700	10	31107145	ZY 0510 3 AWCO 100 J5V TOUGH
		6	13	46	W 163	93,600	93,600	10	31110130	ZY 0613 3 AWCO 46 J5V TOUGH
				60	W 163	93,600	93,600	10	31110138	ZY 0613 3 AWCO 60 J5V TOUGH
				80	W 163	93,600	93,600	10	31110140	ZY 0613 3 AWCO 80 J5V TOUGH
				100	W 163	93,600	93,600	10	31110145	ZY 0613 3 AWCO 100 J5V TOUGH
		8	10	46	W 169	87,600	87,600	10	31112030	ZY 0810 3 AWCO 46 J5V TOUGH
			16	46	-	61,000	61,000	10	31114130	ZY 0816 3 AWCO 46 J5V TOUGH
				60	-	61,000	61,000	10	31114132	ZY 0816 3 AWCO 60 J5V TOUGH
				80	-	61,000	61,000	10	31114135	ZY 0816 3 AWCO 80 J5V TOUGH
		10	13	80	W 176	58,400	58,400	10	31116230	ZY 1013 3 AWCO 80 J5V TOUGH
		13	3	60	W 182	65,000	73,400	10	31311376	ZY 1303 3 AWCO 60 J5V TOUGH
		20	6	46	W 201	45,000	47,700	10	31317370	ZY 2006 3 AWCO 46 J5V TOUGH
				60	W 201	45,000	47,700	10	31317376	ZY 2006 3 AWCO 60 J5V TOUGH
6	40	5	10	100	W 153	150,000	157,800	10	*31106230*	ZY 0510 6 AWCO 100 J5V TOUGH
		8	16	46	-	100,000	119,300	10	31114136	ZY 0816 6 AWCO 46 J5V TOUGH
				80	-	100,000	119,300	10	31114140	ZY 0816 6 AWCO 80 J5V TOUGH
		10	13	46	W 176	85,000	95,400	10	31115336	ZY 1013 6 AWCO 46 J5V TOUGH
				80	W 176	85,000	95,400	10	31115340	ZY 1013 6 AWCO 80 J5V TOUGH
			20	46	-	85,000	95,400	10	31118336	ZY 1020 6 AWCO 46 J5V TOUGH
				80	-	85,000	95,400	10	31118340	ZY 1020 6 AWCO 80 J5V TOUGH
		13	25	46	W 187	65,000	66,000	10	31125336	ZY 1325 6 AWCO 46 J5V TOUGH
				80	W 187	65,000	66,000	10	31125340	ZY 1325 6 AWCO 80 J5V TOUGH
		16	20	30	W 195	55,000	59,600	10	*31126330*	ZY 1620 6 AWCO 30 J5V TOUGH
				46	W 195	55,000	59,600	10	31126336	ZY 1620 6 AWCO 46 J5V TOUGH
				60	W 195	55,000	59,600	10	31126338	ZY 1620 6 AWCO 60 J5V TOUGH
			32	30	-	51,200	51,200	10	31127330	ZY 1632 6 AWCO 30 J5V TOUGH
				46	-	51,200	51,200	10	31127336	ZY 1632 6 AWCO 46 J5V TOUGH
				60	-	51,200	51,200	10	31127338	ZY 1632 6 AWCO 60 J5V TOUGH

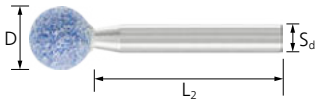
Continued on next page

Discontinued product

Mounted points
For universal use on materials that are difficult to machine

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	25	30	W 205	45,000	47,700	10	31131330	ZY 2025 6 AWCO 30 J5V TOUGH
				46	W 205	45,000	47,700	10	31131336	ZY 2025 6 AWCO 46 J5V TOUGH
				60	W 205	45,000	47,700	10	31131338	ZY 2025 6 AWCO 60 J5V TOUGH
			40	30	W 207	32,400	32,400	10	31133259	ZY 2040 6 AWCO 30 J5V TOUGH
				46	W 207	32,400	32,400	10	31133260	ZY 2040 6 AWCO 46 J5V TOUGH
				60	W 207	32,400	32,400	10	31133263	ZY 2040 6 AWCO 60 J5V TOUGH
		25	25	30	W 220	35,000	38,100	10	31134130	ZY 2525 6 AWCO 30 J5V TOUGH
		32	16	46	-	27,000	29,800	5	*31326130*	ZY 3216 6 AWCO 46 J5V TOUGH
			32	24	W 230	25,700	25,700	5	31136330	ZY 3232 6 AWCO 24 J5V TOUGH
				46	W 230	25,700	25,700	5	31136336	ZY 3232 6 AWCO 46 J5V TOUGH
		40	10	46	W 236	22,000	23,800	5	31328846	ZY 4010 6 AWCO 46 J5V TOUGH
				60	W 236	22,000	23,800	5	31328860	ZY 4010 6 AWCO 60 J5V TOUGH
			20	46	-	22,000	23,800	5	31138036	ZY 4020 6 AWCO 46 J5V TOUGH



TOUGH, ball type

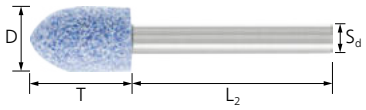
These mounted points are particularly suitable for weld dressing on repair welds, reworking on turbine blades during aircraft maintenance, and regrinding of repair welds in tool and mould-making. The ball shape KU is often used for contour grinding and backside deburring.

Special features:
- Cool grinding as the grain mix is easy to break down.
- High stock removal rates and very good tool life.
- Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

S_d [mm]	L_2 [mm]	D [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	3	60	150,000	300,200	10	31702260	KU 03 3 AWCO 60 J5V TOUGH
			80	150,000	300,200	10	31702280	KU 03 3 AWCO 80 J5V TOUGH
		6	60	140,000	159,100	10	31704530	KU 06 3 AWCO 60 J5V TOUGH
			80	140,000	159,100	10	31704540	KU 06 3 AWCO 80 J5V TOUGH
			100	140,000	159,100	10	31704545	KU 06 3 AWCO 100 J5V TOUGH
		8	46	100,000	116,200	10	*31705335*	KU 08 3 AWCO 46 J5V TOUGH
			80	100,000	116,200	10	31705340	KU 08 3 AWCO 80 J5V TOUGH
			100	100,000	116,200	10	31705345	KU 08 3 AWCO 100 J5V TOUGH
6	40	13	46	65,000	73,400	10	*31706336*	KU 13 6 AWCO 46 J5V TOUGH
			60	65,000	73,400	10	*31706338*	KU 13 6 AWCO 60 J5V TOUGH
			80	65,000	73,400	10	*31706340*	KU 13 6 AWCO 80 J5V TOUGH

Discontinued product

Mounted points
For universal use on materials that are difficult to machine

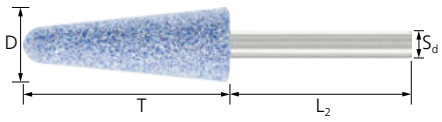


TOUGH, tree type

These mounted points are particularly suitable for weld dressing on repair welds, reworking on turbine blades during aircraft maintenance, and regrinding of repair welds in tool and mould-making. The pointed tree shape SP is exceptionally well-suited for machining small holes and bores.

Special features:
- Cool grinding as the grain mix is easy to break down.
- High stock removal rates and very good tool life.
- Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
3	30	3	6	60	150,000	252,000	10	32102410	SP 0306 3 AWCO 60 J5V TOUGH
				80	150,000	252,000	10	32102420	SP 0306 3 AWCO 80 J5V TOUGH
				100	150,000	252,000	10	32102430	SP 0306 3 AWCO 100 J5V TOUGH
		4	8	80	150,000	195,400	10	32102620	SP 0408 3 AWCO 80 J5V TOUGH
				100	150,000	195,400	10	*32102630*	SP 0408 3 AWCO 100 J5V TOUGH
		5	10	100	149,500	149,500	10	32140230	SP 0510 3 AWCO 100 J5V TOUGH
		6	10	60	134,100	134,100	10	32104410	SP 0610 3 AWCO 60 J5V TOUGH
			13	46	108,100	108,100	10	32104535	SP 0613 3 AWCO 46 J5V TOUGH
				80	108,100	108,100	10	32104540	SP 0613 3 AWCO 80 J5V TOUGH
				100	108,100	108,100	10	*32104545*	SP 0613 3 AWCO 100 J5V TOUGH
		8	16	46	72,800	72,800	10	32105335	SP 0816 3 AWCO 46 J5V TOUGH
				60	72,800	72,800	10	32105338	SP 0816 3 AWCO 60 J5V TOUGH
				80	72,800	72,800	10	32105340	SP 0816 3 AWCO 80 J5V TOUGH
				100	72,800	72,800	10	32105345	SP 0816 3 AWCO 100 J5V TOUGH
6	40	13	20	46	65,000	73,400	10	32107336	SP 1320 6 AWCO 46 J5V TOUGH
				60	65,000	73,400	10	32107338	SP 1320 6 AWCO 60 J5V TOUGH
				80	65,000	73,400	10	32107340	SP 1320 6 AWCO 80 J5V TOUGH



TOUGH, tapered type

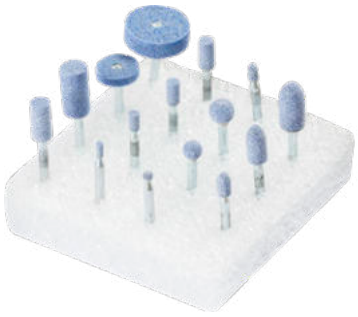
These mounted points are particularly suitable for weld dressing on repair welds, reworking on turbine blades during aircraft maintenance, and regrinding of repair welds in tool and mould-making. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

Special features:
- Cool grinding as the grain mix is easy to break down.
- High stock removal rates and very good tool life.
- Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	10	25	46	85,000	95,400	10	32209336	KE 1025 6 AWCO 46 J5V TOUGH
				60	85,000	95,400	10	32209338	KE 1025 6 AWCO 60 J5V TOUGH
		16	45	46	52,000	52,000	10	32210336	KE 1645 6 AWCO 46 J5V TOUGH
				60	52,000	52,000	10	32210338	KE 1645 6 AWCO 60 J5V TOUGH

Discontinued product

Mounted points
For universal use on materials that are difficult to machine



Mounted point set 2002 TOUGH

This set is particularly suitable for weld dressing on repair welds, reworking on turbine blades during aircraft maintenance, and regrinding of repair welds in tool and mould-making. It contains 15 small mounted points with 3 mm shank diameter in the most common shapes for finishing work.

Contents:
Contains one each of the following mounted points: in cylindrical shape 2 x 5 mm, 3 x 6 mm, 4 x 8 mm, 5 x 10 mm, 6 x 13 mm, ZY 8 x 16 mm, 13 x 3 mm, 20 x 6 mm, in ball shape dia. 3 mm, dia. 6 mm, dia. 8 mm, in pointed tree shape 3 x 6 mm, 4 x 8 mm, 6 x 13 mm, 8 x 16 mm.

Special features:
- Cool grinding as the grain mix is easy to break down.
- High stock removal rates and very good tool life.
- Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

S_d [mm]	Grit size		Item no.	Designation
3	fine	1	33920235	2002 J F TOUGH

Mounted point set 2001 TOUGH

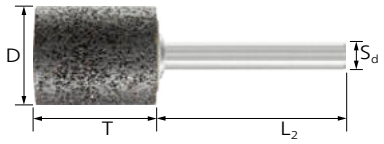
This set is particularly suitable for weld dressing on repair welds, reworking on turbine blades during aircraft maintenance, and regrinding of repair welds in tool and mould-making. It contains 10 mounted points with 6 mm shank diameter in the most common shapes and dimensions.

Contents:
Contains one each of the following mounted points: in cylindrical shape 10 x 13 mm, 13 x 25 mm, 16 x 20 mm, 20 x 25 mm, 20 x 40 mm, 40 x 10 mm, in ball shape dia. 13, in pointed tree shape 13 x 20 mm and in conical shape 10 x 25 mm and 16 x 45 mm.

Special features:
- Cool grinding as the grain mix is easy to break down.
- High stock removal rates and very good tool life.
- Constant stock removal rates thanks to the self-sharpening qualities of the ceramic oxide grain.

S_d [mm]	Grit size		Item no.	Designation
6	coarse	1	33920135	2001 J G TOUGH

Mounted points
For universal use on stainless steel (INOX)

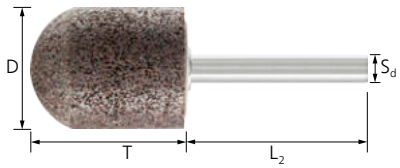


INOX cylindrical type

These mounted points are used for rough grinding of stainless steel (INOX) castings and grinding of moulded parts made of high-temperature-resistant alloys. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High level of grinding comfort due to low-vibration grinding.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	8	16	46	-	100,000	119,300	10	31113744	ZY 0816 6 ADW 46 L6B INOX
		10	20	46	W 177	90,000	95,400	10	31118744	ZY 1020 6 ADW 46 L6B INOX
			32	46	W 179	62,800	62,800	10	31120744	ZY 1032 6 ADW 46 L6B INOX
		16	32	30	-	51,200	51,200	10	31127743	ZY 1632 6 ADW 30 L6B INOX
		20	25	30	W 205	45,000	47,700	10	31131743	ZY 2025 6 ADW 30 L6B INOX
				60	W 205	45,000	47,700	10	31131746	ZY 2025 6 ADW 60 L6B INOX
			40	30	W 207	32,400	32,400	10	31133743	ZY 2040 6 ADW 30 L6B INOX
		25	13	30	W 218	37,000	38,100	10	31323743	ZY 2513 6 ADW 30 L6B INOX
			25	30	W 220	37,000	38,100	10	31134743	ZY 2525 6 ADW 30 L6B INOX
			32	30	-	32,900	32,900	10	31135743	ZY 2532 6 ADW 30 L6B INOX
		32	16	24	-	29,000	29,800	5	31326742	ZY 3216 6 ADW 24 L6B INOX
			40	24	W 231	20,300	20,300	5	31137742	ZY 3240 6 ADW 24 L6B INOX
		40	6	60	W 235	23,000	23,800	5	31375746	ZY 4006 6 ADW 60 L6B INOX
			10	30	W 236	23,000	23,800	5	31328743	ZY 4010 6 ADW 30 L6B INOX
			20	24	-	23,000	23,800	5	31330742	ZY 4020 6 ADW 24 L6B INOX
		50	13	30	-	19,000	19,000	5	31331743	ZY 5013 6 ADW 30 L6B INOX
			25	24	W 242	19,000	19,000	5	31332742	ZY 5025 6 ADW 24 L6B INOX
8	40	32	40	24	W 231	28,500	29,800	5	*31187742*	ZY 3240 8 ADW 24 L6B INOX
		50	40	24	W 243	19,000	19,000	5	31383742	ZY 5040 8 ADW 24 L6B INOX



INOX, cylindrical with radius end type

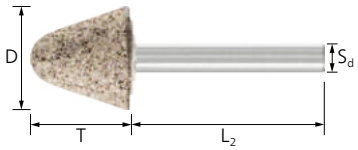
These mounted points are used for rough grinding of stainless steel (INOX) castings and grinding of moulded parts made of high-temperature-resistant alloys. The cylindrical shape with radius end WR is perfect for a variety of deburring and grinding jobs.

Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High level of grinding comfort due to low-vibration grinding.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	25	32	30	37,000	37,300	10	31408253	WR 2532 6 ADW 30 L6B INOX

Discontinued product

Mounted points
For universal use on stainless steel (INOX)

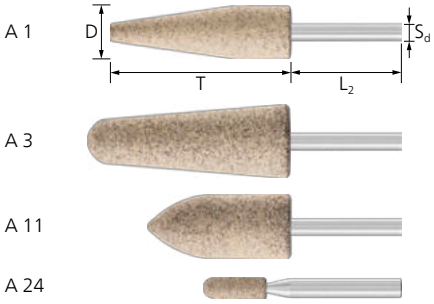


INOX, tapered type

These mounted points are used for rough grinding of stainless steel (INOX) castings and grinding of moulded parts made of high-temperature-resistant alloys. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High level of grinding comfort due to low-vibration grinding.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	20	30	45,000	47,700	10	32205743	KE 2020 6 ADW 30 L6B INOX
		25	45	30	34,000	34,000	10	32211743	KE 2545 6 ADW 30 L6B INOX



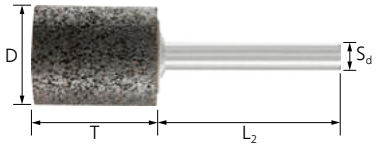
Series A INOX

These mounted points are used for rough grinding of a wide range of different contours on stainless steel (INOX) castings and grinding of moulded parts made of high-temperature-resistant alloys.

Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High level of grinding comfort due to low-vibration grinding.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	A 1	19	64	60	30,400	30,400	10	35501746	A 1 6 ADW 60 L6B INOX
		A 3	25	70	60	18,600	18,600	10	35503746	A 3 6 ADW 60 L6B INOX
		A 11	22	50	60	27,600	27,600	10	35511746	A 11 6 ADW 60 L6B INOX

For edge grinding on stainless steel (INOX)



INOX EDGE, cylindrical type

Applications include weld dressing on fillet welds, removing burrs and grinding chamfers on high-temperature-resistant alloys and stainless steel components. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

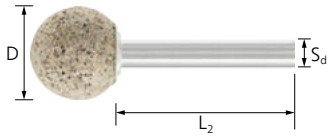
Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High grinding comfort due to low-vibration grinding and high dimensional stability on edges.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	8	16	46	-	100,000	119,300	10	31113614	ZY 0816 6 AN 46 N5B INOX EDGE
		10	20	46	W 177	92,000	95,400	10	31118614	ZY 1020 6 AN 46 N5B INOX EDGE
			32	46	W 179	62,800	62,800	10	31120614	ZY 1032 6 AN 46 N5B INOX EDGE
		13	25	46	W 187	66,000	66,000	10	31125614	ZY 1325 6 AN 46 N5B INOX EDGE
		16	32	30	-	51,200	51,200	10	31127613	ZY 1632 6 AN 30 N5B INOX EDGE
				60	-	51,200	51,200	10	31127616	ZY 1632 6 AN 60 N5B INOX EDGE

Continued on next page

Mounted points
For edge grinding on stainless steel (INOX)

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	50	30	W 197	31,300	31,300	10	31129613	ZY 1650 6 AN 30 N5B INOX EDGE
		20	8	30	-	46,000	47,700	10	*31318613*	ZY 2008 6 AN 30 N5B INOX EDGE
			25	30	W 205	46,000	47,700	10	31131613	ZY 2025 6 AN 30 N5B INOX EDGE
			40	30	W 207	32,400	32,400	10	31133613	ZY 2040 6 AN 30 N5B INOX EDGE
		25	6	46	W 216	37,000	38,100	10	31321614	ZY 2506 6 AN 46 N5B INOX EDGE
			13	30	W 218	37,000	38,100	10	31323613	ZY 2513 6 AN 30 N5B INOX EDGE
			32	30	-	32,900	32,900	10	31135613	ZY 2532 6 AN 30 N5B INOX EDGE
			40	30	W 221	26,000	26,000	10	31151613	ZY 2540 6 AN 30 N5B INOX EDGE
		32	8	30	W 226	29,000	29,800	5	31325613	ZY 3208 6 AN 30 N5B INOX EDGE
			16	24	-	29,000	29,800	5	31326612	ZY 3216 6 AN 24 N5B INOX EDGE
			20	24	W 228	29,000	29,800	5	31327612	ZY 3220 6 AN 24 N5B INOX EDGE
			32	24	W 230	25,700	25,700	5	31136612	ZY 3232 6 AN 24 N5B INOX EDGE
			40	24	W 231	20,300	20,300	5	31137612	ZY 3240 6 AN 24 N5B INOX EDGE
		40	6	46	W 235	23,000	23,800	5	31375614	ZY 4006 6 AN 46 N5B INOX EDGE
			10	30	-	23,000	23,800	5	31328613	ZY 4010 6 AN 30 N5B INOX EDGE
			20	24	-	23,000	23,800	5	31330612	ZY 4020 6 AN 24 N5B INOX EDGE
			40	24	W 238	16,200	16,200	5	31138612	ZY 4040 6 AN 24 N5B INOX EDGE
		50	8	30	-	19,000	19,000	5	31378613	ZY 5008 6 AN 30 N5B INOX EDGE
			13	30	-	19,000	19,000	5	31331613	ZY 5013 6 AN 30 N5B INOX EDGE
			25	24	W 242	19,000	19,000	5	31332612	ZY 5025 6 AN 24 N5B INOX EDGE
8	40	32	40	24	W 231	28,500	29,800	5	31187612	ZY 3240 8 AN 24 N5B INOX EDGE



INOX EDGE, ball type

Applications include weld dressing on fillet welds, removing burrs and grinding chamfers on high-temperature-resistant alloys and stainless steel components. The ball shape KU is often used for contour grinding and backside deburring.

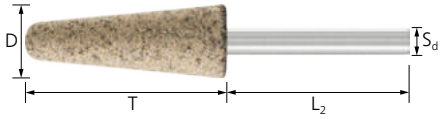
Special features:

- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High grinding comfort due to low-vibration grinding and high dimensional stability on edges.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	D [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	30	58,000	59,600	10	31707613	KU 16 6 AN 30 N5B INOX EDGE
		20	30	46,000	47,700	10	31708613	KU 20 6 AN 30 N5B INOX EDGE
		25	30	37,000	38,100	10	31709613	KU 25 6 AN 30 N5B INOX EDGE

Discontinued product

Mounted points
For edge grinding on stainless steel (INOX)

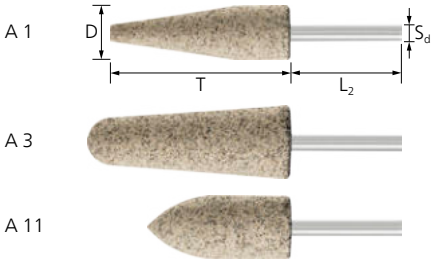


INOX EDGE, tapered type

Applications include weld dressing on fillet welds, removing burrs and grinding chamfers on high-temperature-resistant alloys and stainless steel components. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High grinding comfort due to low-vibration grinding and high dimensional stability on edges.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	10	25	46	92,000	95,400	10	32209614	KE 1025 6 AN 46 N5B INOX EDGE
		16	45	46	52,000	52,000	10	32210614	KE 1645 6 AN 46 N5B INOX EDGE
		25	45	30	34,000	34,000	10	32211613	KE 2545 6 AN 30 N5B INOX EDGE
		32	32	24	29,000	29,800	5	32207612	KE 3232 6 AN 24 N5B INOX EDGE



Series A INOX EDGE

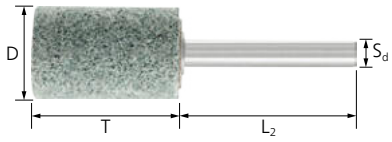
Applications include weld dressing on fillet welds, removing burrs and grinding chamfers with different contours on high-temperature resistant alloys and stainless steel components.

Special features:
- Due to cool grinding, particularly suitable for use on temperature-sensitive materials.
- High grinding comfort due to low-vibration grinding and high dimensional stability on edges.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	A 1	19	64	30	30,400	30,400	10	35501613	A 1 6 AN 30 N5B INOX EDGE
		A 3	25	70	30	18,600	18,600	10	35503613	A 3 6 AN 30 N5B INOX EDGE
		A 11	22	50	30	27,600	27,600	10	35511613	A 11 6 AN 30 N5B INOX EDGE
6.35	40	A 11	22	50	30	30,400	30,400	10	*35011613*	A 11 6,3 AN 30 N5B INOX EDGE

Discontinued product

Mounted points
For universal use on soft non-ferrous metals



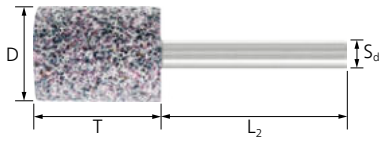
ALU cylindrical mounted points

These mounted points are used to remove burrs on cast aluminium parts and for chamfering on aluminium profiles for weld-seam preparation. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- The special impregnation means there is no clogging when working on soft, lubricating or tough materials.
- High grinding performance and stock removal rate.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
3	30	3	6	80	W 144	150,000	206,100	10	31103378	ZY 0306 3 CN 80 F10V ALU
		6	13	80	W 163	93,600	93,600	10	31110378	ZY 0613 3 CN 80 F10V ALU
6	40	10	13	80	W 176	45,000	95,400	10	31115408	ZY 1013 6 CN 80 F10V ALU
		13	20	80	W 186	35,000	73,400	10	31124408	ZY 1320 6 CN 80 F10V ALU
		16	20	80	W 195	30,000	59,600	10	31126408	ZY 1620 6 CN 80 F10V ALU
			32	80	-	30,000	51,200	10	31127408	ZY 1632 6 CN 80 F10V ALU
		20	32	80	W 206	24,000	41,100	10	31132408	ZY 2032 6 CN 80 F10V ALU
		32	32	80	W 230	15,000	25,700	5	31136408	ZY 3232 6 CN 80 F10V ALU
		40	20	80	-	12,000	23,800	5	31330408	ZY 4020 6 CN 80 F10V ALU

For surface grinding on grey and nodular cast iron



CAST cylindrical type

These mounted points are exceptionally well suited for cleaning workpieces and for grinding out shrinkage holes. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Suitable for use on surfaces and edges.
- Combined with high peripheral speeds, very well suited for surface use.
- High grinding performance and good tool life. High stock removal rates thanks to coarse grit size.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	32	30	-	51,200	51,200	10	31127033	ZY 1632 6 ARN 30 K5V CAST
			50	30	W 197	31,300	31,300	10	*31129033*	ZY 1650 6 ARN 30 K5V CAST
		20	25	30	W 205	43,000	47,700	10	31131033	ZY 2025 6 ARN 30 K5V CAST
			40	30	W 207	32,400	32,400	10	31133033	ZY 2040 6 ARN 30 K5V CAST
		25	32	30	-	32,900	32,900	10	31135033	ZY 2532 6 ARN 30 K5V CAST
		32	32	24	W 230	25,700	25,700	5	31136032	ZY 3232 6 ARN 24 K5V CAST
			40	24	W 231	20,300	20,300	5	31137032	ZY 3240 6 ARN 24 K5V CAST
		40	10	30	W 236	22,000	23,800	5	31328033	ZY 4010 6 ARN 30 K5V CAST
			20	24	-	22,000	23,800	5	31330033	ZY 4020 6 ARN 24 K5V CAST
		50	8	30	-	18,000	19,000	5	31378233	ZY 5008 6 ARN 30 K5V CAST

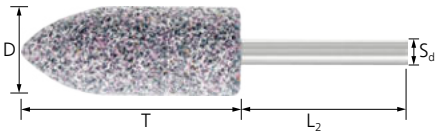
Continued on next page

Discontinued product

Mounted points
For surface grinding on grey and nodular cast iron

PFERD TOOLS

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	50	13	30	-	18,000	19,000	5	31331033	ZY 5013 6 ARN 30 K5V CAST
8	40	32	40	24	W 231	27,000	29,800	5	31187032	ZY 3240 8 ARN 24 K5V CAST
		50	25	24	W 242	18,000	19,000	5	31382032	ZY 5025 8 ARN 24 K5V CAST

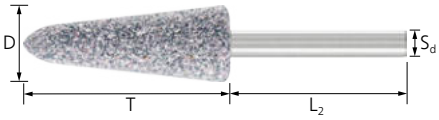


CAST, tree type

These mounted points are exceptionally well suited for cleaning workpieces and for grinding out shrinkage holes. The pointed tree shape SP is exceptionally well-suited for machining small holes and bores.

Special features:
- Suitable for use on surfaces and edges.
- Combined with high peripheral speeds, very well suited for surface use.
- High grinding performance and good tool life. High stock removal rates thanks to coarse grit size.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	50	30	30,500	30,500	10	32111233	SP 2050 6 ARN 30 K5V CAST

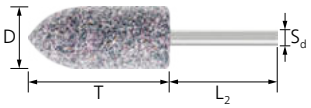


CAST, tapered type

These mounted points are exceptionally well suited for cleaning workpieces and for grinding out shrinkage holes. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

Special features:
- Suitable for use on surfaces and edges.
- Combined with high peripheral speeds, very well suited for surface use.
- High grinding performance and good tool life. High stock removal rates thanks to coarse grit size.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	10	25	46	85,000	95,400	10	32209034	KE 1025 6 ARN 46 K5V CAST
		16	45	46	52,000	52,000	10	32210034	KE 1645 6 ARN 46 K5V CAST
		20	40	24	43,000	47,700	10	32212032	KE 2040 6 ARN 24 K5V CAST
8	40	32	50	24	27,000	29,800	5	32216232	KE 3250 8 ARN 24 K5V CAST



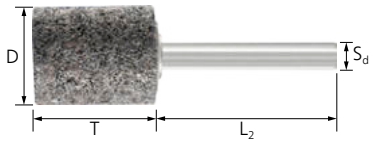
Series A CAST

These mounted points are exceptionally well suited for cleaning workpieces and for grinding out shrinkage holes in a wide range of contours.

Special features:
- Suitable for use on surfaces and edges.
- Combined with high peripheral speeds, very well suited for surface use.
- High grinding performance and good tool life. High stock removal rates thanks to coarse grit size.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	A 11	22	50	30	27,600	27,600	10	35511033	A 11 6 ARN 30 K5V CAST

Mounted points
For edge grinding on grey and nodular cast iron

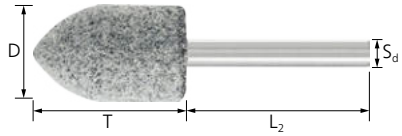


CAST EDGE cylindrical type

These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on grey and nodular cast iron. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Highly dimensionally stable due to the high bond content.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	32	30	-	47,000	51,200	10	31127503	ZY 1632 6 CU 30 R5V CAST EDGE
		20	25	30	W 205	38,000	47,700	10	31131503	ZY 2025 6 CU 30 R5V CAST EDGE
			40	30	-	32,400	32,400	10	31133503	ZY 2040 6 CU 30 R5V CAST EDGE
			50	30	W 208	25,100	25,100	10	31148503	ZY 2050 6 CU 30 R5V CAST EDGE
		32	32	24	W 230	23,000	25,700	5	31136502	ZY 3232 6 CU 24 R5V CAST EDGE
		40	20	24	-	19,000	23,800	5	31330502	ZY 4020 6 CU 24 R5V CAST EDGE
8	40	32	40	24	W 231	24,000	29,800	5	31187502	ZY 3240 8 CU 24 R5V CAST EDGE
		40	40	24	W 238	19,000	23,800	5	31188502	ZY 4040 8 CU 24 R5V CAST EDGE



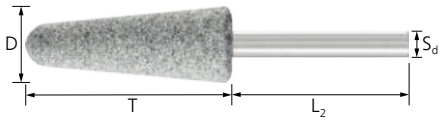
CAST EDGE, tree type

These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on grey and nodular cast iron. The pointed tree shape SP is exceptionally well-suited for machining small holes and bores.

Special features:
- Highly dimensionally stable due to the high bond content.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	32	30	38,000	47,700	10	32109503	SP 2032 6 CU 30 R5V CAST EDGE
			50	30	30,500	30,500	10	32111503	SP 2050 6 CU 30 R5V CAST EDGE

Mounted points
For edge grinding on grey and nodular cast iron

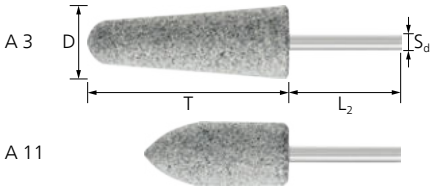


CAST EDGE, tapered type

These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on grey and nodular cast iron. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

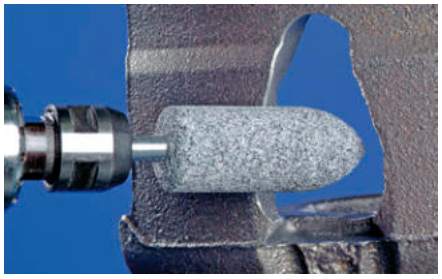
Special features:
- Highly dimensionally stable due to the high bond content.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	45	46	47,000	52,000	10	32210504	KE 1645 6 CU 46 R5V CAST EDGE
		20	32	30	38,000	47,700	10	32208503	KE 2032 6 CU 30 R5V CAST EDGE
		25	45	30	30,000	34,000	10	32211503	KE 2545 6 CU 30 R5V CAST EDGE



Series A CAST EDGE

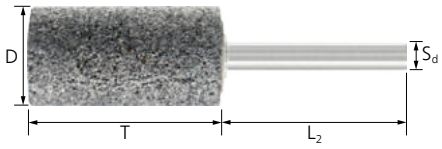
These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on a wide range of different contours on grey and nodular cast iron.



Special features:
- Highly dimensionally stable due to the high bond content.
- Economical to use due to the high edge stability even on low-speed tool drives.

S_d [mm]	L_2 [mm]	USA type	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	A 3	25	70	30	18,600	18,600	10	35503503	A 3 6 CU 30 R5V CAST EDGE
		A 11	22	50	30	27,600	27,600	10	35511503	A 11 6 CU 30 R5V CAST EDGE

For edge grinding on grey and nodular cast iron (foundries)



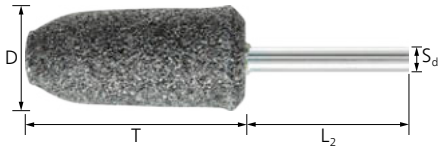
CAST EDGE cylindrical type for foundries

These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on grey and nodular cast iron. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Very high grinding performance and aggressiveness from the start.
- High stock removal rate in combination with a long tool life.
- Delivered in practical industrial packaging.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	40	30	W 205	32,400	32,400	50	31133531	ZY 2040 6 CU 30 R5V CAST EDGE N
		25	32	30	-	30,000	32,900	50	31135531	ZY 2532 6 CU 30 R5V CAST EDGE N

Mounted points
For edge grinding on grey and nodular cast iron (foundries)

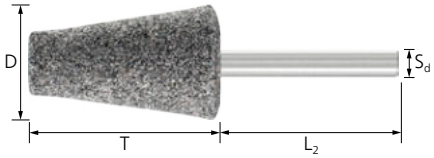


CAST EDGE, tree type for foundries

These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on grey and nodular cast iron. The pointed tree shape SP is exceptionally well-suited for machining small holes and bores.

Special features:
- Very high grinding performance and aggressiveness from the start.
- High stock removal rate in combination with a long tool life.
- Delivered in practical industrial packaging.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	50	30	14,100	14,100	50	32109531	SP 2050 6 CU 30 R5V CAST EDGE N



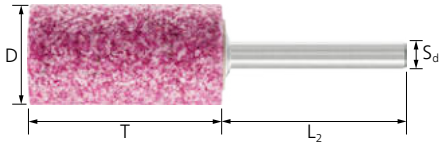
CAST EDGE tapered type for foundries

These mounted points are particularly good for edge grinding, for deburring and grinding out sand inclusions and metal contamination on grey and nodular cast iron. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

Special features:
- Very high grinding performance and aggressiveness from the start.
- High stock removal rate in combination with a long tool life.
- Delivered in practical industrial packaging.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	45	46	24,000	24,000	50	*32210531*	KE 1645 6 CU 46 R5V CAST EDGE N
		20	40	30	20,900	20,900	50	32212531	KE 2040 6 CU 30 R5V CAST EDGE N
8	40	35	50	24	15,600	15,600	50	32216512	KE 3550 8 CU 24 R5V CAST EDGE N

For universal use on cast steel (foundries)



CAST STEEL cylindrical type for foundries

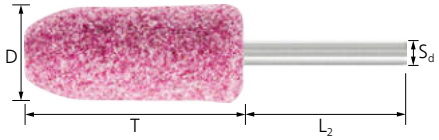
These mounted points are ideal for universal use in harsh conditions and for removing burrs on cast steel parts and for weld dressing of intersections after separating risers. The cylindrical shape ZY is ideal for grinding bores, radii and contours.

Special features:
- Very high grinding performance and aggressiveness from the start.
- High stock removal rate in combination with a long tool life.
- Delivered in practical industrial packaging.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	USA type	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	40	30	W 207	32,400	32,400	50	31133231	ZY 2040 6 ADR 30 O5V CAST STEEL
		25	32	30	-	25,000	32,900	50	31135231	ZY 2532 6 ADR 30 O5V CAST STEEL

Discontinued product

Mounted points
For universal use on cast steel (foundries)

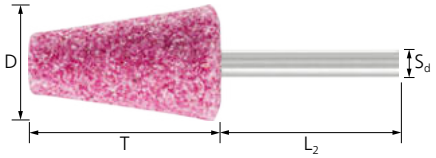


CAST STEEL, tree type for foundries

These mounted points are ideal for universal use in harsh conditions and for removing burrs on cast steel parts and for weld dressing of intersections after separating risers. The pointed tree shape SP is exceptionally well-suited for machining small holes and bores.

Special features:
- Very high grinding performance and aggressiveness from the start.
- High stock removal rate in combination with a long tool life.
- Delivered in practical industrial packaging.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	20	50	30	14,100	14,100	50	32111231	SP 2050 6 ADR 30 O5V CAST STEEL



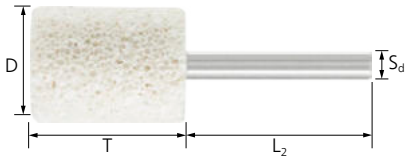
CAST STEEL tapered type for foundries

These mounted points are ideal for universal use in harsh conditions and for removing burrs on cast steel parts and for weld dressing of intersections after separating risers. The conical shape KE is designed for a comfortable working position during surface grinding and grinding of chamfers.

Special features:
- Very high grinding performance and aggressiveness from the start.
- High stock removal rate in combination with a long tool life.
- Delivered in practical industrial packaging.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	45	46	24,000	24,000	50	32210231	KE 1645 6 ADR 46 O5V CAST STEEL
		20	40	30	20,900	20,900	50	32212231	KE 2040 6 ADR 30 O5V CAST STEEL
8	40	35	50	24	15,600	15,600	50	32216262	KE 3550 8 ADR 24 O5V CAST STEEL

For universal use on plastic



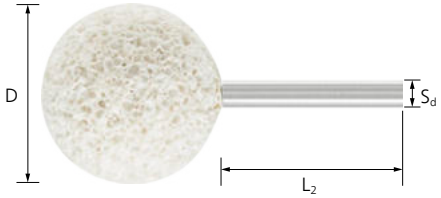
RUBBER, cylindrical type

These mounted points are exceptionally well suited to removing burrs, trimming, weld dressing and roughening of soft plastics and rubber. The cylindrical shape ZY is ideal for grinding radii and contours, and for deburring work.

Special features:
- Open structure and large chip channels due to bubble grain aluminium oxide.
- Machining of temperature-sensitive materials without the addition of coolant thanks to large chip channels.
- High grinding performance.

S_d [mm]	L_2 [mm]	D [mm]	T [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	16	32	1	12,000	51,200	10	31127901	ZY 1632 6 AH 1 D12V RUBBER
		25	32	1	8,000	32,900	10	31135901	ZY 2532 6 AH 1 D12V RUBBER
		40	20	2	5,000	23,800	5	31330901	ZY 4020 6 AH 2 D12V RUBBER

Mounted points
For universal use on plastic



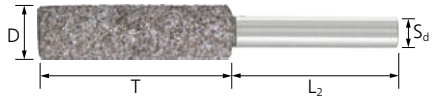
RUBBER, ball type

These mounted points are exceptionally well suited to removing burrs, trimming, weld dressing and roughening of soft plastics and rubber. The ball shape KU is often used for roughening rubber surfaces in tyre repair.

Special features:
- Open structure and large chip channels due to bubble grain aluminium oxide.
- Machining of temperature-sensitive materials without the addition of coolant thanks to large chip channels.
- High grinding performance.

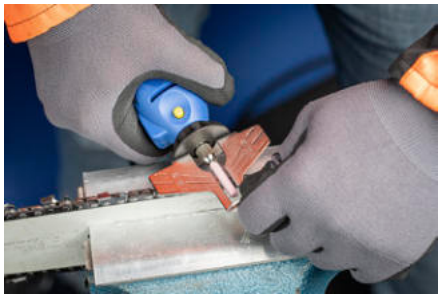
S_d [mm]	L_2 [mm]	D [mm]	Grit size	Opt. RPM	Max. RPM		Item no.	Designation
6	40	40	2	5,000	19,700	5	31710520	KU 40 6 AH 2 D12V RUBBER

Grinding points for saw chains



Cylindrical mounted points for saw chains

These mounted points in the ZY cylindrical shape are exceptionally well suited to mechanical sharpening of saw chains.



Special features:
- High grinding performance and stock removal rate.
- Saves time and money thanks to shorter grinding times.
- Precise sharpening of saw chain teeth thanks to high dimensional stability.

S_d [mm]	L_2	D [mm]	T [mm]	Grit size	Suitable for chain pitch	Opt. RPM	Max. RPM		Item no.	Designation
3	25	3.8	16	80	1/4	25,000	62,800	3	*31105123*	CS-G ZY 3,816 3 AWN 80 M5V
		4.3	16	80	1/4, 3/8 LP	25,000	55,400	3	*31105124*	CS-G ZY 4,316 3 AWN 80 M5V
		5	20	80	.325	25,000	56,100	3	*31105125*	CS-G ZY 5,020 3 AWN 80 M5V
		5.5	20	80	3/8	25,000	50,900	3	*31105126*	CS-G ZY 5,520 3 AWN 80 M5V
		5.7	20	80	3/8, .404	25,000	49,100	3	*31105127*	CS-G ZY 5,720 3 AWN 80 M5V
		6.9	20	80	For depth gauge	25,000	40,500	3	*31105128*	CS-G ZY 6,920 3 AWN 80 M5V

Discontinued product

Grinding discs
General information

PFERD TOOLS

Safety notes

- The maximum permitted peripheral speed is 35 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- Before clamping, the grinding tool must be ring tested to make sure that it does not have any cracks (undamaged grinding tools give a clear tone).

Wear eye protection!

Wear hearing protection!

Wear a dust mask!

Wear gloves!

Observe the safety notes!

Do not use if damaged!

3

The quick way to find the perfect tool

Material group ▼		Design ▶	UNIVERSAL	CARBIDE	HSS
Steel	Steels up to 1,200 N/mm² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels, tempering steels	●		○
	Hardened, heat-treated steels over 1,200 N/mm² (> 38 HRC)	Tool steels, tempering steels, alloyed steels	○	●	●
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	●		
Tungsten carbide	–	–		●	
Non-ferrous metals	Soft non-ferrous metals, non-ferrous metals	Aluminium alloys, brass, copper, zinc	●	○	
	Hard non-ferrous metals	Bronze, titanium, titanium alloys, hard aluminium alloys	○	○	
Other materials	Glass			●	

● = highly suitable ○ = suitable

Grinding discs
Bench grinding wheels

UNIVERSAL version

These bench grinding wheels are ideal for universal use in the workshop. They are suitable for working on steel, cast steel, stainless steel (INOX) and cast iron.

Special features:
- Long tool life, high dimensional stability and high abrasive performance.
- Integrated adapter sleeves for mounting on almost any bench grinder spindle.

D [mm]	Reductions [mm]	T [mm]	H [mm]	Grit size	Max. RPM		Item no.	Designation
Regular aluminium oxide (AN)								
125	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	20	32	36	5,350	1	39009707	BW 12520-32 AN 36 UNIVERSAL
				60	5,350	1	39009716	BW 12520-32 AN 60 UNIVERSAL
150	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	16	32	24	4,500	1	39008418	BW 15016-32 AN 24 UNIVERSAL
				60	4,500	1	39008419	BW 15016-32 AN 60 UNIVERSAL
		20	32	24	4,500	1	39008422	BW 15020-32 AN 24 UNIVERSAL
				36	4,500	1	39009708	BW 15020-32 AN 36 UNIVERSAL
				46	4,500	1	39010114	BW 15020-32 AN 46 UNIVERSAL
				60	4,500	1	39008423	BW 15020-32 AN 60 UNIVERSAL
				80	4,500	1	39010115	BW 15020-32 AN 80 UNIVERSAL
		25	32	24	4,500	1	39008426	BW 15025-32 AN 24 UNIVERSAL
				36	4,500	1	39010116	BW 15025-32 AN 36 UNIVERSAL
				46	4,500	1	39010117	BW 15025-32 AN 46 UNIVERSAL
				60	4,500	1	39008427	BW 15025-32 AN 60 UNIVERSAL
				80	4,500	1	39010118	BW 15025-32 AN 80 UNIVERSAL
175	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	25	51	36	3,750	1	*39009709*	BW 17525-32 AN 36 UNIVERSAL
	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	25	51	46	3,750	1	39010119	BW 17525-51 AN 46 UNIVERSAL
				36	3,750	1	39009710	BW 17525-51 AN 36 UNIVERSAL
				60	3,750	1	39009718	BW 17525-51 AN 60 UNIVERSAL
				80	3,750	1	39010120	BW 17525-51 AN 80 UNIVERSAL
200	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	20	51	24	3,350	1	39008435	BW 20020-51 AN 24 UNIVERSAL
				60	3,350	1	39008436	BW 20020-51 AN 60 UNIVERSAL
		25	51	24	3,350	1	39008440	BW 20025-51 AN 24 UNIVERSAL
	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	25	51	60	3,350	1	*39008441*	BW 20025-51 AN 60 UNIVERSAL
	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	25	51	36	3,350	1	39009712	BW 20025-51 AN 36 UNIVERSAL
				46	3,350	1	39010121	BW 20025-51 AN 46 UNIVERSAL
				60	3,350	1	39009719	BW 20025-51 AN 60 UNIVERSAL
				80	3,350	1	39010122	BW 20025-51 AN 80 UNIVERSAL
	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	30	51	24	3,350	1	39008456	BW 20030-51 AN 24 UNIVERSAL
				60	3,350	1	39008444	BW 20030-51 AN 60 UNIVERSAL
	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	32	51	36	3,350	1	39009713	BW 20032-51 AN 36 UNIVERSAL
				60	3,350	1	39009720	BW 20032-51 AN 60 UNIVERSAL
250	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	25	51	24	2,700	1	39010123	BW 25025-51 AN 24 UNIVERSAL
				36	2,700	1	39010124	BW 25025-51 AN 36 UNIVERSAL
				46	2,700	1	39010125	BW 25025-51 AN 46 UNIVERSAL
				60	2,700	1	39010126	BW 25025-51 AN 60 UNIVERSAL
				80	2,700	1	39010127	BW 25025-51 AN 80 UNIVERSAL
		32	51	36	2,700	1	39009714	BW 25032-51 AN 36 UNIVERSAL
				60	2,700	1	39009721	BW 25032-51 AN 60 UNIVERSAL
300	76.2, 51, 38.1, 32	40	76.2	36	2,250	1	39009715	BW 30040-76,2 AN 36 UNIVERSAL

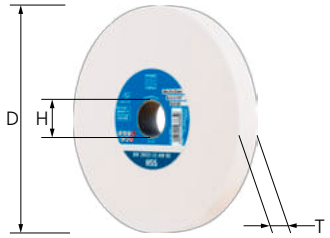
Continued on next page

Discontinued product

Grinding discs
Bench grinding wheels

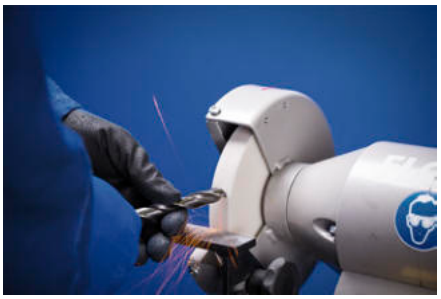
PFERD TOOLS

D [mm]	Reductions [mm]	T [mm]	H [mm]	Grit size	Max. RPM		Item no.	Designation
300	76.2, 51, 38.1, 32	40	76.2	60	2,250	1	39009722	BW 30040-76,2 AN 60 UNIVERSAL
		50	76.2	24	2,250	1	39010128	BW 30050-76,2 AN 24 UNIVERSAL
				36	2,250	1	39010129	BW 30050-76,2 AN 36 UNIVERSAL
				60	2,250	1	39010130	BW 30050-76,2 AN 60 UNIVERSAL
350	76.2, 51, 38.1, 32	50	76.2	24	1,850	1	39010131	BW 35050-76,2 AN 24 UNIVERSAL
250	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	40	31.75	60	2,400	1	39008747	25040-51 AN 60 UNIVERSAL
350	1-1/4	50	38.1	36	1,800	1	39008753	35050-76,2 AN 36 UNIVERSAL
				60	1,800	1	39008754	35050-76,2 AN 60 UNIVERSAL



HSS design

These bench grinding wheels are exceptionally well suited for sharpening HSS pilot drills or for working on other high-alloy steels. They are suitable for working on tool steels, case-hardened steels, hardened and coated steels.



Special features:
- Long tool life, high dimensional stability and high abrasive performance.
- Integrated adapter sleeves for mounting on almost any bench grinder spindle.

D [mm]	Reductions [mm]	T [mm]	H [mm]	Grit size	Max. RPM		Item no.	Designation
White aluminium oxide (AW)								
125	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	20	32	80	5,350	1	39009698	BW 12520-32 AW 80 HSS
150	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	16	32	60	4,500	1	39008420	BW 15016-32 AW 60 HSS
		20	32	60	4,500	1	39008424	BW 15020-32 AW 60 HSS
				80	4,500	1	39009699	BW 15020-32 AW 80 HSS
		25	32	60	4,500	1	39008428	BW 15025-32 AW 60 HSS
175	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	25	51	80	3,750	1	39009701	BW 17525-51 AW 80 HSS
200	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	20	51	60	3,350	1	39008437	BW 20020-51 AW 60 HSS
		25	51	60	3,350	1	39008442	BW 20025-51 AW 60 HSS
				80	3,350	1	39009703	BW 20025-51 AW 80 HSS
		32	51	80	3,350	1	39009704	BW 20032-51 AW 80 HSS
250	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	32	51	80	2,700	1	39009705	BW 25032-51 AW 80 HSS
300	76.2, 51, 38.1, 32	40	76.2	80	2,250	1	39009706	BW 30040-76,2 AW 80 HSS

Grinding discs
Bench grinding wheels

CARBIDE design

These bench grinding wheels are used on hard materials, e.g. for sharpening tungsten carbide tools and hardened steels.

Special features:
- Long tool life, high dimensional stability and high abrasive performance.
- Integrated adapter sleeves for mounting on almost any bench grinder spindle.

D [mm]	Reductions [mm]	T [mm]	H [mm]	Grit size	Max. RPM		Item no.	Designation
Silicon carbide (CN)								
125	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	20	32	80	5,350	1	39009723	BW 12520-32 CN 80 CARBIDE
150	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	16	32	120	4,500	1	39008421	BW 15016-32 CN 120 CARBIDE
		20	32	60	4,500	1	39008570	BW 15020-32 CN 60 CARBIDE
				80	4,500	1	39009724	BW 15020-32 CN 80 CARBIDE
				120	4,500	1	39008425	BW 15020-32 CN 120 CARBIDE
		25	32	60	4,500	1	39010132	BW 15025-32 CN 60 CARBIDE
				80	4,500	1	39010133	BW 15025-32 CN 80 CARBIDE
				120	4,500	1	39008429	BW 15025-32 CN 120 CARBIDE
175	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	25	51	80	3,750	1	39009726	BW 17525-51 CN 80 CARBIDE
				120	3,750	1	39010134	BW 17525-51 CN 120 CARBIDE
200	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	20	51	80	3,350	1	39008438	BW 20020-51 CN 80 CARBIDE
				120	3,350	1	39008439	BW 20020-51 CN 120 CARBIDE
		25	51	60	3,350	1	39010135	BW 20025-51 CN 60 CARBIDE
	25, 20, 16	25	51	120	3,350	1	39008443	BW 20025-51 CN 120 CARBIDE
	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	25	51	80	3,350	1	39009727	BW 20025-51 CN 80 CARBIDE
	25, 20, 16	30	51	120	3,350	1	39008458	BW 20030-51 CN 120 CARBIDE
	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	32	51	80	3,350	1	39009728	BW 20032-51 CN 80 CARBIDE
250	1-1/4", 1", 3/4", 5/8", 1/2", 32, 25, 20, 16	32	51	80	2,700	1	39009729	BW 25032-51 CN 80 CARBIDE
300	76.2, 51, 38.1, 32	40	76.2	80	2,250	1	39009730	BW 30040-76,2 CN 80 CARBIDE
250	1", 3/4", 5/8", 1/2", 25, 20, 16, 13	25	31.75	60	2,400	1	39008767	25025-51 CN 60 CARBIDE
				80	2,400	1	39008768	25025-51 CN 80 CARBIDE
				120	2,400	1	39008769	25025-51 CN 120 CARBIDE

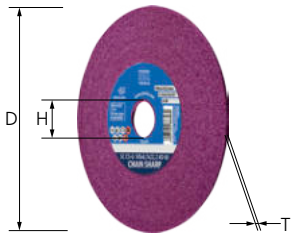
Reducing rings for bench grinding wheels

Reducing rings enable secure adjustment of the standard centre hole to a reduced centre hole dimension.

Special features:
- Generally suitable for all bench grinders and bench grinding wheels.

Image	Suitable for hole diameter [mm]	Width [mm]	Dia. hole included in the set		Item no.	Designation
1	32 mm	15.4	32/25,4/19,05/15,875/12,7	1	39010150	32/25,4/19,05/15,875/12,7
2	51 mm	24.4	51/32/25,4/19,05/15,875/12,7	1	39010151	51/32/25,4/19,05/15,875/12,7
3	76.2 mm	24.4	76,2/51/38,1/32	1	39010152	76,2/51/38,1/32

New item



Grinding discs for saw chains

The grinding discs for saw chains are exceptionally well-suited for mechanical sharpening of saw chains using chain sharpeners.

Special features:
- High grinding performance and stock removal rate with long tool life.
- Careful grinding of the saw chain teeth.
- Precise sharpening of saw chain teeth thanks to high dimensional stability.

D [mm]	T [mm]	H [mm]	Grit size	Suitable for chain pitch	Max. RPM		Item no.	Designation
Aluminium oxide dark red (AD)								
145	3.2	22.2	60	1/4, 3/8 LP, .325	4,600	1	33100001	SC CS-G 145x3,2x22,2 AD 60J7V
	4.7	22.2	60	3/8, .404	4,600	1	33100002	SC CS-G 145x4,7x22,2 AD 60J7V
	6	22.2	60	For depth gauge	4,600	1	33100003	SC CS-G 145x6,0x22,2 AD 60J7V

Special tools for tool and mould-making
The quick way to find the perfect tool

Material group ▼		Design ►	UNIVERSAL 	CARBIDE 
Steel	Steels up to 1,200 N/mm² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels, tempering steels	●	○
	Hardened, heat-treated steels over 1,200 N/mm² (> 38 HRC)	Tool steels, tempering steels, alloyed steels	○	●
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	●	
Tungsten carbide	–	–		●
Non-ferrous metals	Soft non-ferrous metals, non-ferrous metals	Aluminium alloys, brass, copper, zinc	●	
	Hard non-ferrous metals	Bronze, titanium, titanium alloys, hard aluminium alloys	●	

● = highly suitable ○ = suitable

3

Grinding and polishing stones

UNIVERSAL version

The UNIVERSAL grinding and polishing stones are the all-rounders for step-by-step fine grinding in tool and mould construction.

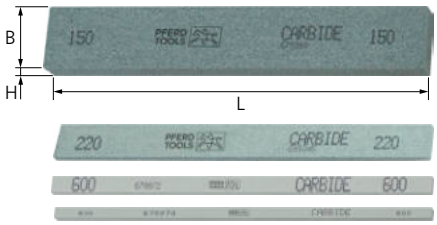
Special features:
- Long tool life, high dimensional stability. high abrasive performance, uniform stock removal and fine surface finish.
- Materials: Hardened, heat-treated steels, stainless steel (INOX), aluminium, other non-ferrous metals.

B [mm]	H [mm]	L [mm]	Grit size		Item no.	Designation
Square						
4	4	150	220	12	33400001	SPS 4x4x150 AN 220 UNIVERSAL
			320	12	33400007	SPS 4x4x150 AN 320 UNIVERSAL
			400	12	33400013	SPS 4x4x150 AN 400 UNIVERSAL
			600	12	33400019	SPS 4x4x150 AN 600 UNIVERSAL
6	3	150	220	12	33400002	SPS 6x3x150 AN 220 UNIVERSAL
			320	12	33400008	SPS 6x3x150 AN 320 UNIVERSAL
			400	12	33400014	SPS 6x3x150 AN 400 UNIVERSAL
			600	12	33400020	SPS 6x3x150 AN 600 UNIVERSAL
	6	150	220	12	33400003	SPS 6x6x150 AN 220 UNIVERSAL
			320	12	33400009	SPS 6x6x150 AN 320 UNIVERSAL
			400	12	33400015	SPS 6x6x150 AN 400 UNIVERSAL
			600	12	33400021	SPS 6x6x150 AN 600 UNIVERSAL
13	3	150	220	12	33400004	SPS 13x3x150 AN 220 UNIVERSAL
			320	12	33400010	SPS 13x3x150 AN 320 UNIVERSAL
			400	12	33400016	SPS 13x3x150 AN 400 UNIVERSAL
			600	12	33400022	SPS 13x3x150 AN 600 UNIVERSAL
	6	150	220	12	33400005	SPS 13x6x150 AN 220 UNIVERSAL

Continued on next page

Discontinued product

B [mm]	H [mm]	L [mm]	Grit size		Item no.	Designation
13	6	150	320	12	*33400011*	SPS 13x6x150 AN 320 UNIVERSAL
			400	12	*33400017*	SPS 13x6x150 AN 400 UNIVERSAL
			600	12	*33400023*	SPS 13x6x150 AN 600 UNIVERSAL
25	13	150	220	6	*33400006*	SPS 25x13x150 AN 220 UNIVERSAL
			320	6	*33400012*	SPS 25x13x150 AN 320 UNIVERSAL
			400	6	*33400018*	SPS 25x13x150 AN 400 UNIVERSAL
			600	6	*33400024*	SPS 25x13x150 AN 600 UNIVERSAL



CARBIDE design

The CARBIDE soft grinding and polishing stones enable high removal rates without clogging on hard materials in tool and mould construction.

Special features:

- Long tool life, high dimensional stability. high abrasive performance, uniform stock removal and fine surface finish.

B [mm]	H [mm]	L [mm]	Grit size		Item no.	Designation
Square						
4	4	150	150	12	33400025	SPS 4x4x150 CN 150 CARBIDE
			220	12	33400031	SPS 4x4x150 CN 220 CARBIDE
			320	12	33400037	SPS 4x4x150 CN 320 CARBIDE
			400	12	33400043	SPS 4x4x150 CN 400 CARBIDE
			600	12	33400049	SPS 4x4x150 CN 600 CARBIDE
6	3	150	150	12	33400026	SPS 6x3x150 CN 150 CARBIDE
			220	12	33400032	SPS 6x3x150 CN 220 CARBIDE
			320	12	33400038	SPS 6x3x150 CN 320 CARBIDE
			400	12	33400044	SPS 6x3x150 CN 400 CARBIDE
			600	12	33400050	SPS 6x3x150 CN 600 CARBIDE
	6	150	150	12	33400027	SPS 6x6x150 CN 150 CARBIDE
			220	12	33400033	SPS 6x6x150 CN 220 CARBIDE
			320	12	33400039	SPS 6x6x150 CN 320 CARBIDE
			400	12	33400045	SPS 6x6x150 CN 400 CARBIDE
			600	12	33400051	SPS 6x6x150 CN 600 CARBIDE
13	3	150	150	12	33400028	SPS 13x3x150 CN 150 CARBIDE
			220	12	33400034	SPS 13x3x150 CN 220 CARBIDE
			320	12	33400040	SPS 13x3x150 CN 320 CARBIDE
			400	12	33400046	SPS 13x3x150 CN 400 CARBIDE
			600	12	33400052	SPS 13x3x150 CN 600 CARBIDE
	6	150	150	12	33400029	SPS 13x6x150 CN 150 CARBIDE
			220	12	33400035	SPS 13x6x150 CN 220 CARBIDE
			320	12	33400041	SPS 13x6x150 CN 320 CARBIDE
			400	12	33400047	SPS 13x6x150 CN 400 CARBIDE
			600	12	33400053	SPS 13x6x150 CU 600 CARBIDE
25	13	150	150	6	33400030	SPS 25x13x150 CN 150 CARBIDE
			220	6	33400036	SPS 25x13x150 CN 220 CARBIDE
			320	6	33400042	SPS 25x13x150 CN 320 CARBIDE

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Discontinued product

B [mm]	H [mm]	L [mm]	Grit size		Item no.	Designation
25	13	150	400	6	33400048	SPS 25x13x150 CN 400 CARBIDE
			600	6	33400054	SPS 25x13x150 CN 600 CARBIDE

Arbor for grinding and polishing stones for four different cross sections

This arbor is ideally suited for clamping grinding and polishing stones for manual applications.

Special features:
- Used for clamping four different cross sections.

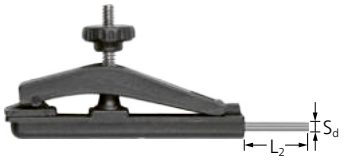
Suitable cross sections		Item no.	Designation
Manual application			
6 x 3 mm, 13 x 1.5 mm / 6 x 6 mm, 13 x 3 mm	1	33509020	SPSH 6x3/6x6/13x1,5/13x3

Arbor for grinding and polishing stones for two different cross sections

This arbor is ideally suited for clamping grinding and polishing stones for manual applications.

Special features:
- Offers space to clamp two different cross sections.

Suitable cross sections		Item no.	Designation
Manual application			
6 x 6 mm, 13 x 6 mm	1	33509010	SPSH 6x6/6x13



Variable arbor for manual filing tool for grinding and polishing stones

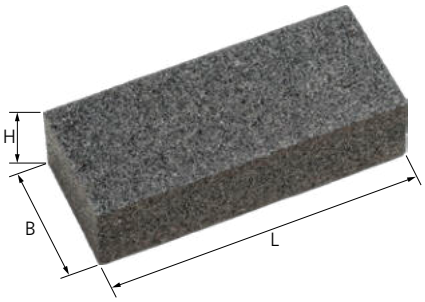
This arbor is ideally suited for clamping grinding and polishing stones for manual applications.

Special features:
- The arbor for the manual filing tool is variably adjustable.

S_d [mm]	L_2 [mm]	Suitable cross sections		Item no.	Designation
3.17	20	all grinding and polishing stones	1	33509030	SPSH 3-13 3,1

Accessories for mounted points and grinding discs

Hand dressers



Dressing stone for major dressing work

The dressing stone is suitable for profiling grinding points and Poliflex mounted points.

Special features:

- For major dressing work with anti-slip rubber backing.

L [mm]	B [mm]	H [mm]		Item no.	Designation
120	50	30	5	33401001	SE 1203050 CU 30 R 5 V

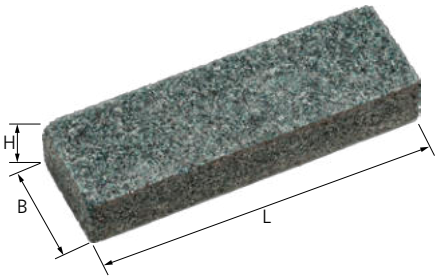
Dressing stone with 2 different grit sizes

The dressing stone is suitable for profiling grinding points and Poliflex mounted points.

Special features:

- Two different grit sizes for dressing mounted points with different grit sizes and bonds.

L [mm]	B [mm]	H [mm]		Item no.	Designation
120	50	30	5	33401010	SE 1203050 CU 30/60 R 5 V



Dressing stone for profiling and dressing work

The dressing stones are suitable for profiling grinding points and Poliflex mounted points.

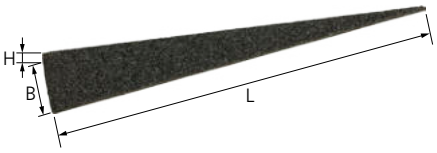
Special features:

- For profiling and dressing smaller mounted points.

L [mm]	B [mm]	H [mm]		Item no.	Designation
70	12	22	5	33899045	SE 702212 CU 46 M 5 V

Accessories for mounted points and grinding discs

Hand dressers



Abrasive segments

Wedge-shaped abrasive segments are exceptionally well suited for work on sand moulds and cores in foundries. Using the abrasive segments, the intersections and separators on sand moulds and cores can be re-finished and removed.

Special features:

- The wedge-shaped design allows effortless work in both very narrow areas and on large surfaces.

L [mm]	B [mm]	H [mm]		Item no.	Designation
235	42	4	10	33401100	SE 235-42-4 AN 46 N 5 B
246	32	5	10	33401110	SE 246-32-5 AN 46 N 5 B

Diamond dresser

Using this diamond dresser, blunt abrasive grain and metal particles can be removed from the grinding tool, and the required grinding wheel shapes can be produced.

Special features:

- Long-life diamond dresser with large single grit diamond.
- For profiling and dressing mounted points, grinding discs and Poliflex mounted points.

L [mm]	D [mm]	Carats [ct]		Item no.	Designation
81	6	0.2	1	33301000	400 B

Roller dresser for bench grinding wheels

Ideal accessory for PFERD TOOLS bench grinding wheels if the grinding disc has become clogged or the shape of the grinding disc has changed.

Special features:

- The dressing roller is made from steel discs with U-shaped teeth.
- The curved washers between the tooth discs gives the tooth roller strength and stability.
- Axis with integrated grease fitting to guarantee a long tool life even at high peripheral speeds.

Total length [mm]	Roll width [mm]	Roll dia. [mm]	Max. wheel ø [mm]	Max. wheel thickness [mm]		Item no.	Designation
435	39	55	500	63	1	33300001	AR 55x39x12

Accessories for mounted points and grinding discs

Hand dressers

Replacement roller for roller dresser for bench grinding wheels

The interchangeable roller for the roller dresser can be used until the teeth are worn.

Roll width [mm]	Roll dia. [mm]	Hole diameter [mm]		Item no.	Designation
39	55	12	1	33300002	ER 55x39x12

Replacement spindle for roller dresser for bench grinding wheels

The lubricatable axle for the roller dresser is a spare part if the axle does become worn.

Roll width [mm]	Diameter [mm]		Item no.	Designation
39	12	1	33300003	EA 12x39

Rod dresser for bench grinding wheels

The SiC rod dresser is an affordable alternative for dressing bench grinding wheels. A stainless steel tube protects the SiC rod against breakage and makes the tool more robust.

Total length [mm]	Diameter [mm]		Item no.	Designation
250	22	1	33300004	AR 22x250

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