

44902 - 44903 See-Through Grinding Wheels

Type
Horizontally rotating. Radially orientated elongated holes ensure a see-through effect during cutting, so that the workpiece can be watched. Abrasive coating with artificial resin bond – can be used on both sides.

Quality
Abrasive high-grade carborundum with silicon carbide.

44902
Type ER
Use
For structural steel, malleable cast iron, cast steel, perhaps grey cast iron and non-metallic materials.

44903
Type EF
Use
For high-speed steels (alloyed tool steels).

44902 - 44903



Grit	Ø x thickness x bore mm	Type ER		Type EF	
		44902	...	44903	...
60	210 x 5 x 12	#	202	#	202
120	210 x 4 x 12	#	205	#	205
150	210 x 4 x 12	#	206	#	206

44600 Clamp flange Rhoducer (vibration-damping clamp flange)

RHODIUS BRAINTOOLS
by Rhodius

Type
Clamping flange for retrofitting of non vibration-damped angle grinders. It has a wear-resistant coating that additionally damps vibrations through crossbars, because the clamping surface is reduced. Thus it reduces stresses for the body areas which were previously especially stressed, and thus significantly increases quality of work.

Use
For more comfort during the application and for keeping you healthy. Reduces grinding vibrations.

44600



	44600	...
Rhoducer	#	101

44601 Rough Grinding Discs (Metal)

ATORN[®]

Type
Offset, glass fabric reinforcement, open structure. Hard disc with high machining capacity and high edge strength.

Use
For use on high-speed angle grinders. For steel and non-ferrous metal work.

NEW

44601



Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44601	...
115 x 7	22,2	13.285	80	25 pcs.		201
125 x 7	22,2	12.200	80	25 pcs.		202
180 x 7	22,2	8.600	80	10 pcs.		203
230 x 7	22,2	6.600	80	10 pcs.		204



44603 Rough Grinding Discs (Metal)

HW

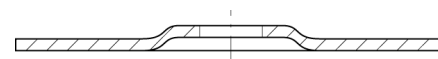
Type
Offset, fibre-glass reinforcement, brown corundum. High abrasive performance and long service life. Made in Germany.

Use
For all types of metals, particularly sheet steel, structural steel and weld seams.

44603



Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44603	...
115 x 6	22,23	13.285	80	10 pcs.		101
125 x 6	22,23	12.200	80	10 pcs.		102
180 x 6	22,23	8.600	80	10 pcs.		103
230 x 6	22,23	6.600	80	10 pcs.		104



44606 - 44609

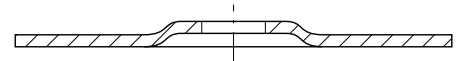
Rough Grinding Discs (Metal)

RHODIUS

Type
Offset, glass fabric reinforcement, open structure.
Use
For machining steel with fast angle grinders.

44606
Medium-hard wheel
Type RS 2
Type
With high chip removal and and high edge strength.
Use
For the processing of of structural steels and constructions steels, unalloyed and alloyed stainless steels, as well as tool steels.

44609
Standard Universal
Type KSM
Type
Hard wheel with long life time.
Use
Universal implementation for general metal working.



Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		medium-hard		standard	
					44606	...	44609	...
115 x 6	22,2	13.285	80	25 pcs.			101	101
125 x 6	22,2	12.200	80	25 pcs.			102	102
150 x 6	22,2	10.185	80	10 pcs.			103	
180 x 6	22,2	8.600	80	10 pcs.	#		104	# 104
180 x 10	22,2	8.600	80	10 pcs.	#		106	
230 x 6	22,2	6.600	80	10 pcs.				# 107

44615 - 44617

Rough Grinding Discs (Metal)



Type
In compliance with EN 12413. Offset, fibre-reinforced artificial resin bond.

44615
Medium-hard wheel
Type A 30 P
Use

For the processing of steel and cast-iron (grey cast-iron and nodular cast iron) with high grinding capacity and good service life. For surface grinding, processing of weld seams, chamfering, deburring, fillet weld grinding.

44617
Hard wheel
Type A 24 R
Use
For the processing of steel with high grinding capacity and good service life. For surface grinding, processing of weld seams, chamfering, deburring, fillet weld grinding and back gouging.



Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		A 30 P		A 24 R	
					44615	...	44617	...
115 x 4,1	22,2	13.300	80	10 pcs.				101
115 x 7,2	22,2	13.300	80	10 pcs.			101	# 102
125 x 7,2	22,2	12.200	80	10 pcs.			102	104
178 x 7,2	22,2	8.600	80	10 pcs.	#		103	106
178 x 8,3	22,2	8.600	80	10 pcs.	#		104	107
230 x 7,2	22,2	6.600	80	10 pcs.	#		105	108

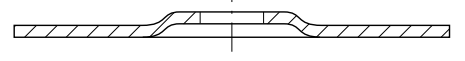
44611

Rough Grinding Discs (Aluminium)

RHODIUS

Medium-hard disc
Type RS 24
Type
Offset, glass fabric reinforcement, open structure. Grinds easily, with excellent service life and extremely high removal rates. Special fillers prevent clogging of the disc.

Use
For all lubrication non-ferrous metals, such as aluminium, zinc, lead and tin and their alloys, such as bronze, bronze, gun metal. For grinding lugs, skins of a casting, welds, burrs and edges.



Ø x width mm	Bore Ø mm	speed max. RPM	Working speed max. m/s		44611	...
115 x 6	22,2	13.285	80	25 pcs.		101
125 x 6	22,2	12.200	80	25 pcs.		102
180 x 6	22,2	8.600	80	10 pcs.		104

44630 Rough Grinding Discs (Stainless Steel)

RHODIUS

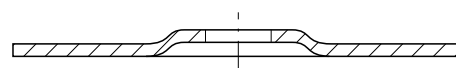
Medium-hard wheel
Type RS 38

Type
Offset, glass fabric reinforcement, open structure.
Grinds easily, with high removal rates and very good service life. **Free of iron and sulphur.**

Use
For corrosion and acid-resistant steel such as INOX, V2A, Coracid, Nirosta, heat-resistant cast steel (GX steel), spring steel, all types of construction and tool steel. For grinding edges, deburring, cleaning of welds.

44630

Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44630	...
115 x 6	22,2	13.285	80	25 pcs.	#	101
125 x 6	22,2	12.200	80	25 pcs.		102
180 x 6	22,2	8.600	80	10 pcs.		103
230 x 6	22,2	6.600	80	10 pcs.	#	105



Abrasive Tools/
Separating Tools

44619 - 44621 Rough Grinding Discs (Stainless Steel)



Type
In compliance with EN 12413. Offset, fibre-reinforced artificial resin bond. **Without filler materials which contain iron, sulphur, or chlorine.**

44619
Medium-hard wheel
Type A 30 M
Use
For the processing of stainless steel and materials that are difficult to machine with aggressive grinding action and good tool life. For surface grinding, processing of weld seams, chamfering, deburring, fillet weld grinding and back gouging.

44619

44621
Hard wheel
Type A 30 N
Use
For the processing of stainless steel with aggressive grinding action and good service life. For surface grinding, processing of weld seams, chamfering, deburring, fillet weld grinding and back gouging.

44621

Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		A 30 M		A 30 N	
					44619	...	44621	...
115 x 4,1	22,2	13.300	80	10 pcs.			#	101
115 x 7,2	22,2	13.300	80	10 pcs.		101	#	103
125 x 5,2	22,2	12.200	80	10 pcs.				105
125 x 7,2	22,2	12.200	80	10 pcs.		102		106
178 x 7,2	22,2	8.600	80	10 pcs.		103		
178 x 8,3	22,2	8.600	80	10 pcs.	#	104		
230 x 7,2	22,2	6.600	80	10 pcs.		105		



44604 Rough Grinding Discs (Stainless Steel) Cubitron™ II

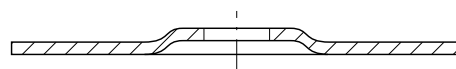
3M

Type
- Up to three times the removal capacity of conventional roughing discs
- Immediate engagement in solid material
- Expenditure of force reduced by 70% at the same removal rate
- Faster, cooler grinding and optimized grinding processes

Use
Particularly suited for structural steelwork applications (side grinding with frequent edge stress, chamfering, grinding of fillet welds, cleaning, back gouging, coarse grinding tasks and removal of weld seams).

44604

Ø x width mm	Bore Ø mm	Working speed max. m/s	44604	...
115 x 7	22,2	80		101
125 x 7	22,2	80		102
178 x 7	22,2	80		103
230 x 7	22,2	80		104



44660 - 44661

Cup wheels (metal / stone)

RHODIUS

Type

Conical, medium-hard.

Use

For rough grinding through finishing grinding. For use on common angle grinders.

Note:

Use special protective hood!

44660

Use

For grinding surfaces, constructions and welds. For levelling of put-together parts thanks to face-mounting. For structural steel, unalloyed and alloy steel, spring steel, tempered steel.

Quality

Normal carborundum.

44661

Use

For grinding natural and artificial stone, chamfering of edges, cleaning of grey cast iron parts and of frameworks. For concrete, refractory stones, tiles, glazed tiles, clinker, moulding sand.

Quality

Silicon carbide.



44660



44661



Grit	Greatest Ø x height mm	Hardness	Bore Ø mm	Speed max. RPM	Working speed max. m/s	Metal		Stone	
						44660	...	44661	...
24 (Coarse)	110/90 x 55	Q	22,2	8.680	50			201	201
36 (medium)	110/90 x 55	Q	22,2	8.680	50			202	
60 (Fine)	110/90 x 55	Q	22,2	8.680	50			203	

44705

Combination Grinding Discs 1.9 mm

RHODIUS

Type XT 35 Cross

Type

Extra-thin combination disc (1.9 mm), offset.

Enables pleasant, easy and fast parting and roughing grinding with good service life. Three full fabric layers guarantee a very high stability and best safety. Free of iron and sulphur.

Use

Several work steps can be performed with one disc, without having to remove the machine. Extra thin cutting, deburring, bevelling, and smoothing. Suitable for corrosion and acid-resistant steel, Hardox, hardened, high-alloyed and high-strength steel, galvanised parts, steel, tool steel.



44705



Ø x thickness mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44705	...
115 x 1,9	22,23	13.285	80	25 pcs.	#	101
125 x 1,9	22,23	12.200	80	25 pcs.	#	102

44710

Combination grinding discs

PFERD



Type

In compliance with EN 12413.

Combination grinding disc for cutting and light-duty deburring. Robust, very stable disc design. Reduces costs by reducing set-up times. Aggressive abrasive and high-quality grit bonding. Without filler materials which contain iron, sulphur, or chlorine.

Use

For cutting, light-duty deburring and light-duty surface grinding. For steel and INOX. Suitable for angle grinder of all classes.



44710

Ø x thickness mm	Speed max. 1/min		44710	...
115 x 1,9	13.300	10 pcs.		100
115 x 2,8	13.300	10 pcs.	#	101
125 x 1,9	12.200	10 pcs.		103
125 x 2,8	12.200	10 pcs.		102

Cutting-off discs

44800 - 44801

Small Free-Hand Cutting-Off Discs

PFERD



44800

Medium-hard wheel

Type

In compliance with EN 12413. Straight, fibre-reinforced, artificial resin bond. **Without filler materials which contain iron, sulphur, or chlorine.**

Use

Universal implementation for cutting steel, stainless steel, cast iron and non-ferrous materials. Especially suitable for materials with very high-temperature strength, e.g. when repairing engines in turbine construction. Also in car-body construction, for cutting sheet metal in hard-to-reach places.

Note:

With mounted clamping bolt on straight grinders can be used up to the highest permissible speed of the clamping bolt.

(Compressed-air) straight grinder see cat.-no. 91500 - 91503, 92425, 92430.

44801

Mounting bolt

Type

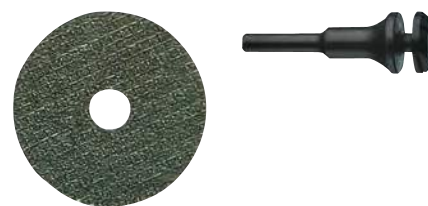
Shank Ø 6 or 10 mm.

Note:

When using the clamping bolt, comply with the highest permissible speed specified in the package insert.

44800

44801



Ø x width mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s	Cutting-off disc		Mounting bolt	
				44800	...	44801	...
30 x 1,1	6	51.000	80			101	101
40 x 1,1	6	38.200	80			103	101
50 x 2,1	6	30.600	80			107	101
65 x 2,1	10	23.500	80			112	103
70 x 2,1	10	21.800	80			116	103
76 x 2,1	10	20.100	80			121	103

44804

Free-Hand Cutting-Off Discs (Metal)

ATORN®

Type

Straight shape, thin type. Extremely hard cutting-off disc for extremely short cutting times. Smooth sides for chatter-free and almost burr-free cutting.

Use

For cutting thin-walled pipes, thin sheet metal and profiles.

Ø x thickness mm	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44804	...
115 x 1,0	22,2	13.285	80	50 pcs.		101
115 x 1,5	22,2	13.285	80	50 pcs.		102
125 x 1,0	22,2	12.200	80	50 pcs.		103
125 x 1,5	22,2	12.200	80	50 pcs.		104
180 x 1,5	22,2	8.600	80	25 pcs.		106
230 x 1,9	22,2	8.600	80	25 pcs.		107

44804



44805

Free-Hand Cutting-Off Discs (Metal)

ATORN®

Type

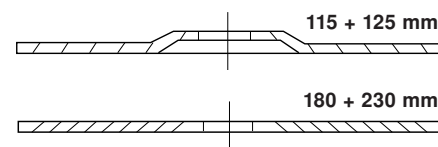
Glass fabric reinforcement, open structure. Hard, with long life and cooled, fast cutting.

Use

For cutting high-strength structural steels.

Ø x thickness mm	Shape	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44805	...
115 x 3	Offset	22,2	13.285	80	25 pcs.		101
125 x 3	offset	22,2	12.200	80	25 pcs.		102
180 x 3	Straight	22,2	8.600	80	25 pcs.		103
230 x 3	Straight	22,2	6.600	80	25 pcs.		104

44805



44803

Free-Hand Cutting-Off Discs (Metal)

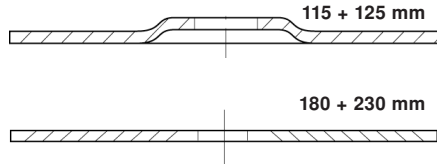


Type

Cutting-off disc with good service life and fast cut. Made in Germany.

Use

Universal implementation for cutting all metals, e.g. structural steelwork and construction steelwork, etc.



44803



Ø x width mm	Shape	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44803	...
115 x 3	Offset	22,23	13.285	80	25 pcs.		101
125 x 3	Offset	22,23	12.200	80	25 pcs.		102
180 x 3	Straight	22,23	8.600	80	25 pcs.		103
230 x 3	Straight	22,23	6.600	80	25 pcs.		104

44809 - 44816

Free-hand cutting-off discs (steel)

RHODIUS

Type

Glass-fibre-reinforced, open structure, hole 22,2 mm Ø, max. working speed 80 m/s.

44809

Extra thin high-quality cutting-off disc

Type XT20

Type

Very hard, with extremely quick cut, very thin, very precise, chatter-free, burr-free, low-noise, cool, with extremely long service life.

Use

For cutting solid stock, of steel, tubing, profiles and sheet steels, spring steels, and tool steels.

44810

High-Performance Cutting-Off Disc

Type FT/FTK 67

Type

Very long service life and special cool cutting.

Use

For cutting sheet metal, tubing, profiles and solid steel materials. Effortlessly cuts all iron materials.

44814

Medium-hard wheel

Type KSM/KSMK

Type

With good cutting properties and high-performance standard.

Use

For universal metal working implementation.

44815

Special medium-hard

Type FT/FTK 33

Type

With long life and cooled, fast cutting.

Use

For cutting high-strength structural steels.

44816

Medium-hard cutting-off disc

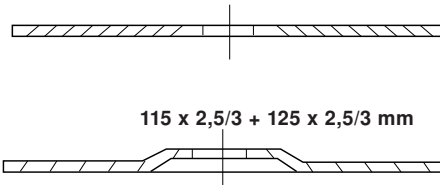
Type XT/FT/FTK 24

Type

Even cuts heavy-duty materials very easily, with long service life.

Use

Ideally suited for cutting of aluminium, Al alloys, copper, brass, bronze and other lubricating non-ferrous metals



Ø x thickness mm	Shape	Speed max. RPM.		XT20		XT/FT/FTK 67		KSM/KSMK		FT/FTK 33		XT/FT/FTK 24		...
				44809	...	44810	...	44814	...	44815	...	44816	...	
115 x 1,0	Straight	13.285	-		101		201							
115 x 1,5	Straight	13.285	-		102		203							103
115 x 2,5	Offset	13.285	-										#	108
115 x 3,0	offset	13.285	25 pcs.					#	108		208			
115 x 3,0	Offset	13.285	-				208							
125 x 1,0	Straight	12.200	-		103		209							
125 x 1,5	Straight	12.200	-		104		211							111
125 x 2,5	Offset	12.200	25 pcs.											116
125 x 3,0	Offset	12.200	25 pcs.				216		116		216			
150 x 1,5	Straight	10.185	25 pcs.		108									
150 x 3,0	Straight	10.185	-					#	223					
180 x 1,5	Straight	8.600	25 pcs.		105		229							
180 x 1,5	Straight	8.600	-											128
180 x 3,0	Straight	8.600	25 pcs.			#	231	#	131	#	231			
180 x 3,0	Straight	8.600	-									#		131
230 x 1,9	Straight	6.600	25 pcs.		106		237					#		137
230 x 3,0	Straight	6.600	25 pcs.				239		139			#		139
230 x 3,0	Straight	6.600	-							#	239			



Cutting-off discs

44806 - 44807 Free-Hand Cutting-Off Discs (Metal)

PFERD



Type

In compliance with EN 12413. Fibre-reinforced, artificial resin bond.

Use

For cutting sheet metal, tubing, profiles and solid stock made of steel.

44806

Medium-hard wheel

Type A 24/46/60 P

Use

Good service life and fast cutting (universal)

44807

Hard wheel

Type A 24/30/46/60 S

Use

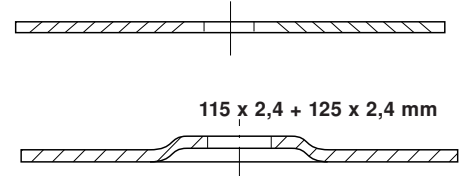
Thickness 1,0 mm: Quick, almost burr-free cutting (of e.g. sheet metal).

thickness 1,6/1,9/2,4/2,9 mm:

Very good service life and fast cutting (universal)

44806

44807



Ø x thickness mm	Shape	Grit size	Bore Ø mm	speed max. RPM	Working speed max. m/s	Box icon	A 24-60 P		A 24-60 S	
							44806	...	44807	...
115 x 1,0	Straight	60	22,2	13.300	80	25 pcs.		105		104
115 x 1,6	Straight	46	22,2	13.300	80	25 pcs.		106	#	105
115 x 2,4	Straight	30	22,2	13.300	80	25 pcs.				106
115 x 2,4	Offset	46/30	22,2	13.300	80	25 pcs.	#	107	#	107
125 x 1,0	Straight	60	22,2	12.200	80	25 pcs.		109		109
125 x 1,6	Straight	46	22,2	12.200	80	25 pcs.		110		110
125 x 2,4	Straight	46	22,2	12.200	80	25 pcs.				111
125 x 2,4	Offset	46/30	22,2	12.200	80	25 pcs.		111	#	112
178 x 1,6	Straight	46	22,2	8.600	80	25 pcs.	#	112	#	115
178 x 3,2	Straight	24	22,2	8.600	80	25 pcs.	#	113	#	116
230 x 1,9	Straight	46	22,2	6.600	80	25 pcs.		114		119
230 x 3,2	Straight	24	22,2	6.600	80	25 pcs.		115		120

44850 Cutting-Off Discs (Metal)

PFERD



Type A 24 S SG

Type

In compliance with EN 12413. Fibre-reinforced, artificial resin bond.

Use

For cutting large cross sections of profile and solid steel and cast-iron material. **For electrically or petrol-driven manually-operated cutting grinding machines.**

44850



Ø x thickness mm	Shape	Bore Ø mm	speed max. RPM	Working speed max. m/s	44850	...
300 x 4,0	Straight	22,2	6.400	100	#	101
300 x 4,0	Straight	25,4	6.400	100	#	102
350 x 4,5	Straight	22,2	5.500	100	#	103
350 x 4,5	Straight	25,4	5.500	100	#	104



When you are king ...



www.atorn.de

... your wishes come true.

ATORN®

Performance requires quality

44825

Free-Hand Cutting-Off Discs (Stainless Steel)

ATORN®

Type

- Very hard cutting-off disc with good cutting properties.
- In its composition, complies with the requirements specified in the work regulations for nuclear reactor construction
- Minimal burr formation, sparking and odour
- High cutting speed and long service life


Use

Cutting-off disc free of iron and sulphur, for special implementation in nuclear reactor construction, and for cutting alloyed, high-alloy, and non-rusting stainless steels, sheet metal, tubing, profiles and solid materials.

44825 303

Type

- 10 extremely thin cutting-off discs in at attractive resealable tin can

Ø x thickness mm	Shape	Bore Ø mm	Speed max. RPM	Working speed max. m/s		Pack= pcs.	44825	...
115 x 1,0	Straight	22,2	13.285	80	50 pcs.	-	-	101
115 x 1,5	Straight	22,2	13.285	80	50 pcs.	-	-	102
125 x 1,0	Straight	22,2	12.200	80	50 pcs.	-	-	103
125 x 1,0	Straight	22,2	12.200	80	1 pcs.	10	-	303 NEW
125 x 1,5	Straight	22,2	12.200	80	50 pcs.	-	-	104
180 x 1,5	Straight	22,2	8.600	80	25 pcs.	-	-	106
230 x 1,9	Straight	22,2	6.600	80	25 pcs.	-	-	107



44825 303

44802

Free-Hand Cutting-Off Discs (Stainless Steel)

HHW

Type

Made in Germany.


Thickness 1,0 mm: Extremely thin disc enables a fast, uniquely clean cut with minimal expenditure of force. Millimetre-precise application, vibration-free work, no thermally-induced blue colouration and no burr formation (saves rework).

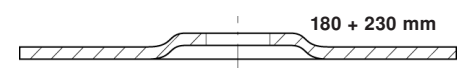
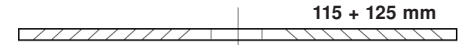
Thickness 1,6 mm: Free of iron and sulphur. Do to its force-saving effect, the thin special disc, is easy on the operator and the tool. High cutting speed, long service life, almost no feathering.

Use

Thickness 1,0 mm: For thin steel sheets, steel ropes, thin-walled profiles and tubes of stainless steel and non-ferrous metals. Composite materials (GRP) Materials with very high-temperature strength.

Thickness 1,6 mm: For mild steel and stainless steel, particularly suited for steel sheets and thin-walled profiles.

Ø x width mm	Shape	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44802	...
115 x 1,0	Straight	22,23	13.280	80	25 pcs.	-	101
115 x 1,6	Straight	22,23	13.280	80	25 pcs.	-	102
125 x 1,0	Straight	22,23	12.200	80	25 pcs.	-	103
125 x 1,6	Straight	22,23	12.200	80	25 pcs.	-	104
180 x 1,6	Offset	22,23	8.600	80	25 pcs.	-	105
230 x 1,9	Offset	22,23	6.600	80	25 pcs.	-	106



44820

Free-Hand Cutting-Off Discs (Stainless Steel)

RHODIUS


Type FT/FTK 38

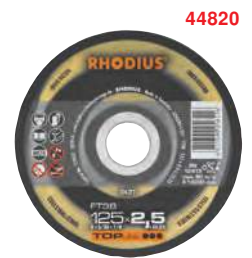
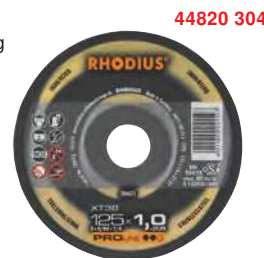
Type

Very hard cutting-off disc with good cutting properties. Free of iron and sulphur.

Use

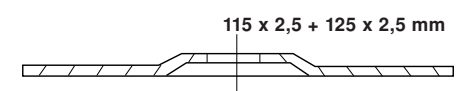
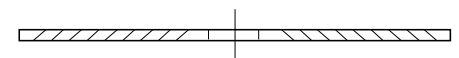
For cutting alloyed, high-alloy, and non-rusting stainless steels, sheet metal, tubing, profiles and solid materials.

Ø x thickness mm	Shape	Bore Ø mm	Speed max. RPM	Working speed max. m/s		44820	...
115 x 1,0	Straight	22,2	13.285	80	50 pcs.	-	301
115 x 1,5	Straight	22,2	13.285	80	-	-	302
115 x 2,5	Offset	22,2	13.285	80	25 pcs.	-	303
125 x 1,0	Straight	22,2	12.200	80	-	-	304
125 x 1,5	Straight	22,2	12.200	80	-	-	305
125 x 2,5	Offset	22,2	12.200	80	25 pcs.	-	306
180 x 1,5	Straight	22,2	8.600	80	25 pcs.	-	307
180 x 3,0	Straight	22,2	8.600	80	25 pcs.	-	308
230 x 1,9	Straight	22,2	6.600	80	25 pcs.	-	309
230 x 3,0	Straight	22,2	6.600	80	25 pcs.	-	310



TOPLINE ●●●

TOPLINE ●●●



Cutting-off discs

44823

Free-Hand Cutting-Off Discs (Stainless Steel)

RHODIUS

44823 100 + 107

Type XTK8

Type

Very hard, **free of iron and sulphur**, with extremely fast cut, very thin, very precise, chatter-free, burr-free, low-noise, cool.

Use

0,8 mm precision cutting-off disc for thin sheet metal.

44823 101-106 + 109

Type XT10

Type

Very hard, **free of iron and sulphur**. Extremely long service life for fewer disc changes and maximum economy. Cool, low-burr cut.

Use

For cutting solid stock, tubing, profiles and stainless sheet steel. Especially suitable for corrosion and acid-resistant steel, spring steel, tool steel.

44823 107

44823

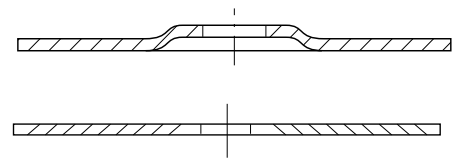


TOPLINE

TOPLINE

Ø x thickness mm	Shape	Bore Ø mm	Speed max. RPM	44823	...
115 x 0,8	offset	22,23	13.285		100
115 x 1,0	Straight	22,23	13.285		101
115 x 1,5	Straight	22,23	13.285	#	102
125 x 0,8	offset	22,23	12.200		107
125 x 1,0	Straight	22,23	12.200		103
125 x 1,5	Straight	22,23	12.200		104
150 x 1,5	Straight	22,23	10.185		109
180 x 1,5	Straight	22,23	8.600		105
230 x 1,9	Straight	22,23	6.600		106

115 x 0,8 + 125 x 0,8 mm



44830 - 44833

Free-Hand Cutting-Off Discs (Stainless Steel)

PFERD



Type

In compliance with EN 12413. Fibre-reinforced, artificial resin bond. **Without filler materials which contain iron, sulphur, or chlorine.**

Use

For cutting sheet metal, tubing, profiles and solid stock made of **stainless steel**.

44830

Medium-hard wheel

Type A 24/46/60 P-INOX

Use

Thickness 1,0 mm: Fast, virtually burr-free cutting (e.g. sheet metal).

Thickness 1,6/1,9/2,4/2,5 mm: Long service life and fast cutting (universal)

44832

Hard wheel

Type A 24/46/60 Q/R-INOX

Use

Thickness 1,0 mm: Quick, almost burr-free cutting (of e.g. sheet metal).

Thickness 1,6/1,9/2,4/2,5 mm: Very long service life and fast cutting (universal)

44833

Hard wheel

Type A 24/46/60 S-INOX

Use

Thickness 0,8/1,0/1,6 (Ø 178)/1,9 mm: Quick, almost burr-free cutting (of e.g. sheet metal).

Thickness 1,6 (Ø 115+125)/2,3 mm: Maximum service life and fast cutting (universal)

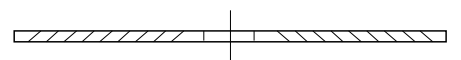
Thickness 2,2 mm: Longest service life and high lateral stability (e.g. profiled material or solid stock).

44830

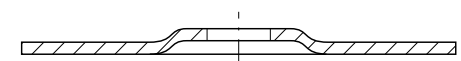
44832



44833



115 x 2,2 + 125 x 2,2 mm



Ø x thickness mm	Shape	Grit size	Bore Ø mm	Speed max. RPM	Working speed max. m/s	P-INOX	Q/R-INOX		S-INOX		...
							44830	...	44832	...	
115 x 0,8	Straight	60	22,2	13.300	80						101
115 x 1,0	Straight	60	22,2	13.300	80			105		102	102
115 x 1,6	Straight	46	22,2	13.300	80	#		106		103	# 103
115 x 2,2	Offset	46	22,2	13.300	80						# 105
115 x 2,4	Straight	46	22,2	13.300	80			107		104	
125 x 0,8	Straight	60	22,2	12.200	80						155
125 x 1,0	Straight	60	22,2	12.200	80			109		106	106
125 x 1,6	Straight	46	22,2	12.200	80	#		110		107	# 107
125 x 2,2	Offset	46	22,2	12.200	80						# 109
125 x 2,4	Straight	46	22,2	12.200	80			111		108	
178 x 1,6	Straight	46	22,2	8.600	80			112		109	# 110
178 x 2,3	Straight	24	22,2	8.600	80						# 111
178 x 2,5	Straight	24	22,2	8.600	80	#		113	#	110	
230 x 1,9	Straight	46	22,2	6.600	80			114		111	# 115
230 x 2,5	Straight	24	22,2	6.600	80			115	#	112	

44811

Free-Hand Cutting-Off Discs (Stainless Steel Cubitron™ II)

3M**Type**

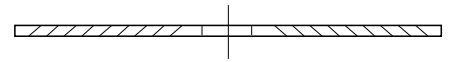
- Faster cut and longer service life
- Minimal annealing colours
- Thinnest cut with minimal feathering
- Fast, cool, grinding and optimised grinding processes

Use

Fast, convenient cutting of profiles, bars, and tubes, as well as stainless steel sheet, structural steel and non-ferrous metals.

NEW

44811



Ø x thickness mm	Shape	Bore Ø mm	Working speed max. m/s	44811	...
76 x 1,0	Straight	6,35	80		101
76 x 1,0	Straight	9,53	80		102
115 x 1,0	Straight	22,20	80		103
115 x 1,6	Straight	22,20	80		104
115 x 2,5	Straight	22,20	80		105
125 x 1,0	Straight	22,20	80		106
125 x 1,6	Straight	22,20	80		107
125 x 2,0	Straight	22,20	80		108
125 x 2,5	Straight	22,20	80		109
180 x 1,6	Straight	22,20	80		110
180 x 2,0	Straight	22,20	80		111
180 x 2,5	Straight	22,20	80		112
230 x 2,5	Straight	22,20	80		113

44818 - 44819

Free-Hand Cutting-Off Discs (Stone)

RHODIUS**Type**

Glass fabric reinforcement, open structure.

44818

Special hard type FT/FTK 44**Type**

Long service life and wide application.

Use

For cutting concrete, natural and artificial stone as well as roofing tiles, granite, ceramics, clinker etc.

44819

Special hard type XT 66**Type**

Very hard cutting-off disc. High cutting capacity at long service life. Smooth, precise edges. Up to 50% less dust.

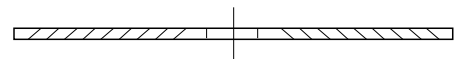
Use

For tile, glazed tile, marble, window sills, steps, roofing slate, etc.

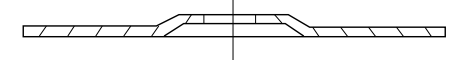
special application: Titanium.

44818

44819

**PROLINE** ●●○**TOPLINE** ●●●

115 x 3 + 125 x 3 mm



Ø x thickness mm	Shape	Bore Ø mm	Speed max. RPM	Working speed max. m/s	FT/FTK 44		XT 66	
					44818	...	44819	...
115 x 1,5	Straight	22,2	13.285	80			#	201
115 x 3,0	offset	22,2	13.285	80		101		
125 x 1,5	Straight	22,2	12.200	80			#	202
125 x 3,0	offset	22,2	12.200	80	#	102		
180 x 1,9	Straight	22,2	8.600	80			#	204
180 x 3,0	Straight	22,2	8.600	80	#	104		
230 x 1,9	Straight	22,2	6.600	80				205



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Performance requires quality.

For example, with the diamond grinding wheels and CBN face wheels from ATORN.

- Longest service life with uniformly high stock removal rate
- Premium grinding wheels with vibration-damping body
- Universal implementation, wet grinding and dry grinding

ATORN®
Performance requires quality.



44821 - 44822

Diamond Cutting-Off Discs



Use

For dry cuts with angle grinders. Especially for concrete, hard artificial stone, pantiles, clinker hard-baked, piping made of earthenware, piping made of clay, washed-out concrete etc.

44821

Type

Slotted edge with diamond segments. High-performance series.

44822

Type

Smooth, closed edge.

Use

For glazed tiles, glazed clinker, thin natural stone.

44821



44822



Ø mm	Segment height mm	Segment width mm	Bore mm	44821	...	44822	...
110	5	1,9	22,23				101
125	5	1,9	22,23				102
115	10	2,2	22,23		101		
125	10	2,2	22,23		102		
180	10	2,4	22,23		103		
230	10	2,4	22,23		104		

44828

Diamond cutting-off discs (Allcut)

RHODIUS

Type DG210 Allcut

Type

The diamond are attached directly to the pad and constantly guarantee good cutting capacity up to the point of total wear. Due to its long service life it works very economically on stone. Its performance on steel make it the perfect multi-purpose cutting-off disc. Reliable, quick, and cool cutting of various materials. High cutting speed, good machining performance, short cutting times, comfortable cutting behaviour.

Use

For dry and wet cutting. Suitable for concrete workpieces, reinforced concrete, natural stone, construction materials, steel, tiles, glazed tiles, wood, plastics, GRP.

44828



BRAINTOOLS by Rhodius

Ø mm	Segment height mm	Segment width mm	Bore mm	44828	...
115	3	2,5	22,23		101
125	3	2,5	22,23		102
150	3	2,5	22,23	#	103
180	3	2,8	22,23		104
230	3	2,8	22,23		105

LARGE SELECTION – SIMPLE SEARCH

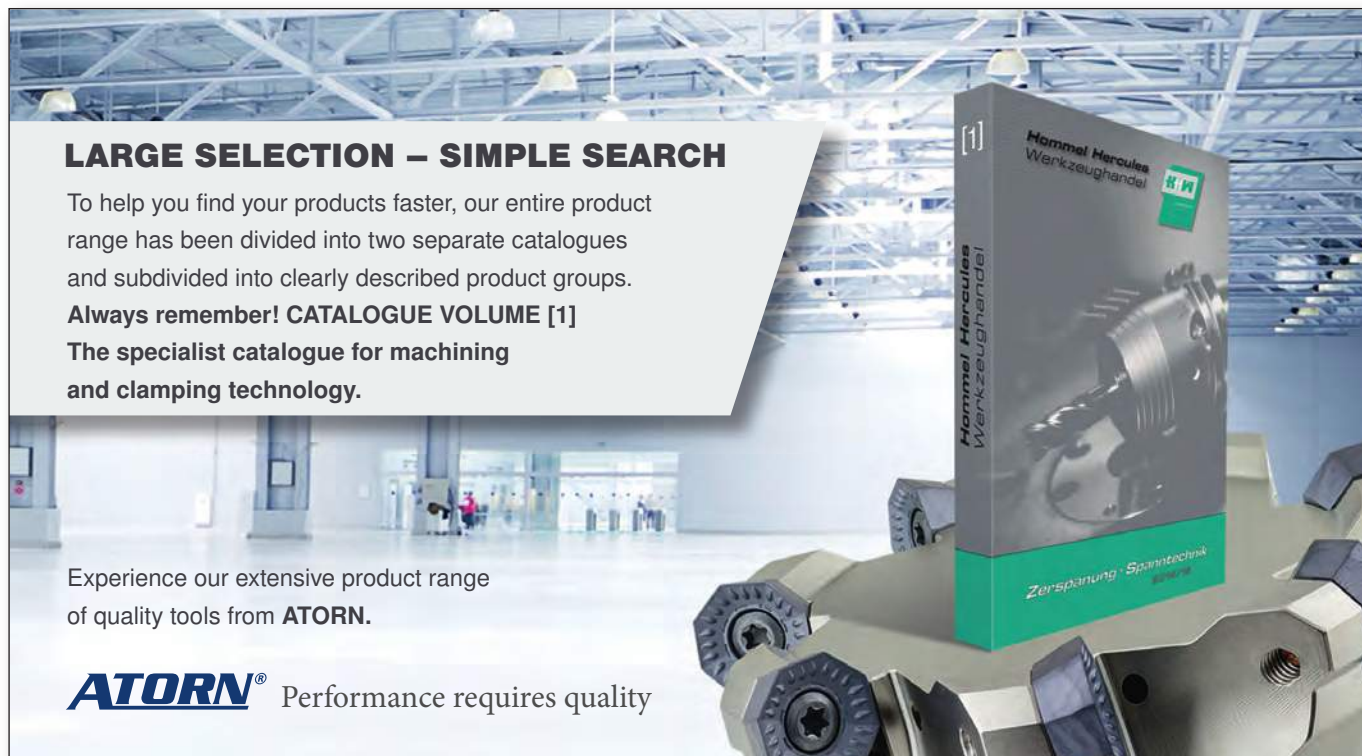
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