

CONSUMABLES

for cutting applications

We will find the suitable consumables for your individual sample preparation task. Our collection of consumables for metallographic analysis has been evaluated in our central lab and is selected for perfect interaction with our instruments:

Cut-off wheels for precision cut-off machines

Corundum and diamond cut-off wheels for precision cut-off machines, diamond cup grinders, sawblade for precision cut-off machines, CBN cut-off wheels for precision cut-off machines

Cut-off wheels for wet abrasive cut-off machines

Corundum and diamond cut-off wheels for wet abrasive cut-off machines, CBN cut-off wheels for wet-cutting machines, accessories for cut-off wheels

Accessories & equipment for cutting

Anti-corrosion coolant, ATM-CoolCut, cooling agent additives, accessories for maintenance and care of coolants, accessories for cut-off machines

Accessories for filter systems

Filter fleece for belt filter systems, filter fleece mat for recirculation cooling systems, filter inserts

WITH THE LIST BELOW, YOU MAY REQUEST A FREE, NON-BINDING QUOTE.

Please select the items you would like to include by adding them to your inquiry list. You may choose items from any product page.

Your inquiry list will be visible in the upper right corner of the website.

GENERAL INQUIRY

Not sure which items you need or you prefer a general quote?

- ⬇ Corundum cut-off wheels for precision cut-off machines
- ⬇ Diamond cut-off wheels for precision cut-off machines
- ⬇ Diamond cup grinder
- ⬇ Diamond cup grinder
- ⬇ CBN cut-off wheels for precision cut-off machines
- ⬇ Premium cut-off wheels for wet abrasive cut-off machines
- ⬇ Corundum cut-off wheels for wet abrasive cut-off machines
- ⬇ CBN cut-off wheels for wet abrasive machines
- ⬇ Accessories for cut-off wheels
- ⬇ Anti corrosion coolant
- ⬇ ATM-CoolCut, environment- and user-friendly
- ⬇ Cooling agent additives
- ⬇ Accessories for maintenance and care of coolants
- ⬇ Accessories for maintenance and care of cut-off machines
- ⬇ Filter fleece for belt filter systems
- ⬇ Filter fleece mat for recirculation cooling systems
- ⬇ Filter inserts

CORUNDUM CUT-OFF WHEELS FOR PRECISION CUT-OFF MACHINES

- » FINE-GRAINED FOR UNIVERSAL APPLICATION
- » FOR MATERIALS OF HIGHER HARDNESS

Ø	Thickness	Arbor Size	
92002643	100 mm	0.25 mm	12.7 mm
92002644	125 mm	0.45 mm	12.7 mm
92002769	150 mm	0.45 mm	12.7 mm

- » COARSE-GRAINED FOR UNIVERSAL APPLICATION
- » FOR MATERIALS OF LOWER HARDNESS AND MOUNTED SAMPLES

Ø	Thickness	Arbor Size	
92002645	100 mm	0.4 mm	12.7 mm

92002646		125 mm	0.8 mm	12.7 mm	5 pcs
92002770		150 mm	0.6 mm	12.7 mm	5 pcs
92002647		200 mm	0.8 mm	12.7 mm	5 pcs
92004159		150 mm	1 mm	12.7 mm	5 pcs
92004998		150 mm	1 mm	20 mm	5 pcs
92004155		200 mm	1.5 mm	12.7 mm	5 pcs

*** 1 Reduction ring 12.7 mm for each order**

REDUCTION RING 12.7 MM




01304330 20 mm, 1 pc


DIAMOND CUT-OFF WHEELS FOR PRECISION CUT-OFF MACHINES

» FOR UNIVERSAL APPLICATION




	Ø	Thickness	Arbor Size		
92002397		76 mm	0.3 mm	12.7 mm	1 pc
92002401		102 mm	0.3 mm	12.7 mm	1 pc
92002405		127 mm	0.5 mm	12.7 mm	1 pc
92002409		152 mm	0.5 mm	12.7 mm	1 pc

» FOR GLASS, CERAMICS, ROCKS

	Ø	Thickness	Arbor Size		
92002398		76 mm	0.3 mm	12.7 mm	1 pc
92002402		102 mm	0.3 mm	12.7 mm	1 pc
92002406		127 mm	0.5 mm	12.7 mm	1 pc

92002410		152 mm	0.5 mm	12.7 mm	1 pc
95015121		200 mm	1.0 mm	12.7 mm	1 pc


» FOR HARD METALS

	∅	Thickness	Arbor Size		
92002400		76 mm	0.3 mm	12.7 mm	1 pc
92002404		102 mm	0.3 mm	12.7 mm	1 pc
92002408		127 mm	0.5 mm	12.7 mm	1 pc
92002412		152 mm	0.5 mm	12.7 mm	1 pc

for plastic, rubber on request

DIAMOND CUP GRINDER

» FOR GLASS FIBER-REINFORCED BOARDS

	∅	Thickness	Height	Arbor Size		
92008573		100 mm	8 mm	35 mm	12.7 mm	1 pc
92006607		150 mm	8 mm	35 mm	12.7 mm	1 pc

DIAMOND CUP GRINDER

» FOR GLASS, CERAMICS, ROCKS, HARD METAL

	∅	Thickness	Arbor Size		
95015122		150 mm	21.5 mm	12.7 mm	1 pc
95015123		150 mm	21.5 mm	12.7 mm	1 pc

CBN CUT-OFF WHEELS FOR PRECISION CUT-OFF MACHINES

» FOR COMPOSITES AND RIGID MATERIALS

	∅	Thickness	Arbor Size	
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92002442		76 mm	0.9 mm	12.7 mm	1 pc
92002443		102 mm	0.5 mm	12.7 mm	1 pc
92002444		127 mm	0.5 mm	12.7 mm	1 pc
92002445		153 mm	0.65 mm	12.7 mm	1 pc
92002446		178 mm	0.9 mm	12.7 mm	1 pc
92006419		200 mm	0.5 mm	12.7 mm	1 pc


other diameters on request

PREMIUM CUT-OFF WHEELS FOR WET ABRASIVE CUT-OFF MACHINES

NF-A - FOR NON-FERROUS METALS (30-300HV)

Ø	Thickness	Arbor Size	Bond	Type	
95012531	250 mm	1.5 mm	32 mm	SiC / Resin NF-A, Purple 10 pcs	
95012538		300 mm	2.0 mm	32 mm	SiC / Resin NF-A, Purple 10 pcs
95012545	350 mm	2.2 mm	32 mm	SiC / Resin NF-A, Purple 10 pcs	
95012552	400 mm	3.0 mm	32 mm	SiC / Resin NF-A, Purple 10 pcs	
95012566	500 mm	4.0 mm	32 mm	SiC / Resin NF-A, Purple 5 pcs	
95012573	600 mm	4.5 mm	40 mm	SiC / Resin NF-A, Purple 5 pcs	

TI-A - FOR TITANIUM AND ALLOYS, REFRACTORY METALS


Ø	Thickness	Arbor Size	Bond	Type	
95012530	250 mm	1.5 mm	32 mm	SiC / Resin Ti-A, Pink 10 pcs	
95012537		300 mm	2.0 mm	32 mm	SiC / Resin Ti-A, Pink 10 pcs
95012544	350 mm	2.2 mm	32 mm	SiC / Resin Ti-A, Pink 10 pcs	
95012551	400 mm	3.0 mm	32 mm	SiC / Resin Ti-A, Pink 10 pcs	
95012565	500 mm	4.0 mm	32 mm	SiC / Resin Ti-A, Pink 5 pcs	

95012572	600 mm	4.5 mm	40 mm	SiC / Resin	Ti-A, Pink	5 pcs
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FS-A - FOR SOFT STEEL (30-300HV), NON-FERROUS METALS, POLYMER

	Ø	Thickness	Arbor Size	Bond	Type	
95012529		250 mm	1.5 mm	32 mm	Al ₂ O ₃ / Resin	FS-A, Red 10 pcs
95012536		300 mm	2.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-A, Red 10 pcs
95012543		350 mm	2.2 mm	32 mm	Al ₂ O ₃ / Resin	FS-A, Red 10 pcs
95012550		400 mm	3.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-A, Red 10 pcs
95012564		500 mm	4.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-A, Red 5 pcs
95012571		600 mm	4.5 mm	40 mm	Al ₂ O ₃ / Resin	FS-A, Red 5 pcs

FS-B - FOR MEDIUM SOFT STEEL (200-450HV)

	Ø	Thickness	Arbor Size	Bond	Type	
95012528		250 mm	1.5 mm	32 mm	Al ₂ O ₃ / Resin	FS-B, Orange 10 pcs
95012535		300 mm	2.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-B, Orange 10 pcs
95012542		350 mm	2.2 mm	32 mm	Al ₂ O ₃ / Resin	FS-B, Orange 10 pcs
95012549		400 mm	3.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-B, Orange 10 pcs
95012563		500 mm	4.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-B, Orange 5 pcs
95012570		600 mm	4.5 mm	40 mm	Al ₂ O ₃ / Resin	FS-B, Orange 5 pcs

FS-C - FOR MEDIUM HARD STEEL (300-550HV), CASE HARDENED, NITRIDED STEELS


	Ø	Thickness	Arbor Size	Bond	Type	
95012527		250 mm	1.5 mm	32 mm	Al ₂ O ₃ / Resin	FS-C, Yellow 10 pcs
95012534		300 mm	2.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-C, Yellow 10 pcs
95012541		350 mm	2.2 mm	32 mm	Al ₂ O ₃ / Resin	FS-C, Yellow 10 pcs
95012548		400 mm	3.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-C, Yellow 10 pcs

95012562	500 mm	4.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-C, Yellow	5 pcs
95012569	600 mm	4.5 mm	40 mm	Al ₂ O ₃ / Resin	FS-C, Yellow	5 pcs

FS-D - FOR HARD STEELS (400-700HV), ANNEALED, CARBORISED STEELS


Ø	Thickness	Arbor Size	Bond	Type	
95012526	250 mm	1.5 mm	32 mm	Al ₂ O ₃ / Resin	FS-D, Green 10 pcs
95012533	 300 mm	2.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-D, Green 10 pcs
95012540	350 mm	2.2 mm	32 mm	Al ₂ O ₃ / Resin	FS-D, Green 10 pcs
95012547	400 mm	3.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-D, Green 10 pcs
95012561	500 mm	4.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-D, Green 5 pcs
95012568	600 mm	4.5 mm	40 mm	Al ₂ O ₃ / Resin	FS-D, Green 5 pcs

FS-E - FOR VERY HARD STEELS (>550HV)

Ø	Thickness	Arbor Size	Bond	Type	
95012525	250 mm	1.5 mm	32 mm	Al ₂ O ₃ / Resin	FS-E, Blue 10 pcs
95012532	 300 mm	2.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-E, Blue 10 pcs
95012539	350 mm	2.2 mm	32 mm	Al ₂ O ₃ / Resin	FS-E, Blue 10 pcs
95012546	400 mm	3.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-E, Blue 10 pcs
95012560	500 mm	4.0 mm	32 mm	Al ₂ O ₃ / Resin	FS-E, Blue 5 pcs
95012567	600 mm	4.5 mm	40 mm	Al ₂ O ₃ / Resin	FS-E, Blue 5 pcs


CORUNDUM CUT-OFF WHEELS FOR WET ABRASIVE CUT-OFF MACHINES

C - UNIVERSAL WHEEL FOR MATERIALS OF HIGH TO VERY HIGH HARDNESS


Ø	Thickness	Arbor Size	Bond	Type	
92001550	235 mm	1.5 mm	32 mm	Resin	C 10 pcs
92001554	250 mm	1.5 mm	32 mm	Resin	C 10 pcs
92001558	 300 mm	2 mm	32 mm	Resin	C 10 pcs

92001669	350 mm	2 mm	32 mm	Resin	C	10 pcs
92001783	400 mm	3 mm	32 mm	Resin	C	10 pcs


D - UNIVERSAL WHEEL FOR MEDIUM HARD MATERIALS, CASE-HARDENED STEELS

	∅	Thickness	Arbor Size	Bond	Type	
92001551	235 mm	1.5 mm	32 mm	Resin	D	10 pcs
92001555	250 mm	1.5 mm	32 mm	Resin	D	10 pcs
92001559	 300 mm	2 mm	32 mm	Resin	D	10 pcs
92001670	350 mm	2 mm	32 mm	Resin	D	10 pcs
92001784	400 mm	3 mm	32 mm	Resin	D	10 pcs

E - FOR SOFT STEELS, NON-FERROUS-MATERIALS, PLASTICS

	∅	Thickness	Arbor Size	Bond	Type	
92001552	235 mm	1.5 mm	32 mm	Resin	E	10 pcs
92001556	250 mm	1.5 mm	32 mm	Resin	E	10 pcs
92001560	 300 mm	2 mm	32 mm	Resin	E	10 pcs
92001671	350 mm	2.2 mm	32 mm	Resin	E	10 pcs
92001785	400 mm	3 mm	32 mm	Resin	E	10 pcs

F - FOR TITANIUM AND TITANIUM ALLOYS



	∅	Thickness	Arbor Size	Bond	Type	
92002417	230 mm	1.5 mm	32 mm	Resin	F	10 pcs
92002425	250 mm	1.5 mm	32 mm	Resin	F	10 pcs
92002426	 300 mm	2 mm	32 mm	Resin	F	10 pcs
92002427	350 mm	2.5 mm	32 mm	Resin	F	10 pcs
92002428	400 mm	3 mm	32 mm	Resin	F	10 pcs

I - FOR CONSTRUCTION STEELS AND CAST MATERIAL

	∅	Thickness	Arbor Size	Bond	Type	
92006066	250 mm	1.6 mm	32 mm	Resin	I	10 pcs

92005863	300 mm	2 mm	32 mm	Resin	I	10 pcs
92005862	350 mm	2.5 mm	32 mm	Resin	I	10 pcs
92008504	400 mm	3 mm	32 mm	Resin	I	10 pcs



A - UNIVERSAL WHEEL, SOFT AND HARD METALS, SUPERALLOYS


	∅	Thickness	Arbor Size	Bond	Type		
92002413		229 mm	0.8 mm	32 mm	Rubber	A	10 pcs
92002599		254 mm	1 mm	32 mm	Rubber	A	10 pcs
92002441		305 mm	1 mm	32 mm	Rubber	A	10 pcs
92002436		356 mm	1.6 mm	32 mm	Rubber	A	10 pcs
92002439		406 mm	1.6 mm	32 mm	Rubber	A	10 pcs
92008537		500 mm	2.4 mm	32 mm	Rubber	A	10 pcs
92004007		600 mm	4.3 mm	40 mm	Rubber	A	10 pcs

B - FOR HIGH-SPEED STEELS, HEAT-TREATED STEELS, NON-CORROSIVE STEELS



	∅	Thickness	Arbor Size	Bond	Type		
92002414		229 mm	1.6 mm	32 mm	Rubber	B	10 pcs
92002600		254 mm	1.6 mm	32 mm	Rubber	B	10 pcs
92002434		305 mm	1.6 mm	32 mm	Rubber	B	10 pcs
92002437		356 mm	2.4 mm	32 mm	Rubber	B	10 pcs
92002440		406 mm	2.4 mm	32 mm	Rubber	B	10 pcs
92008874		500 mm	3 mm	32 mm	Rubber	B	10 pcs

» FOR CERAMIC MATERIALS


	∅	Thickness	Arbor Size	Bond		
92002450		230 mm	1.2 mm	32 mm	Bronze	1 pc
92002452		250 mm	1.2 mm	32 mm	Bronze	1 pc

92002453		300 mm	1.6 mm	32 mm	Bronze	1 pc
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» FOR HARD METALS, GENERALLY FOR MATERIALS OF HIGH HARDNESS

	Ø	Thickness	Arbor Size	Bond		
92002451		250 mm	1.2 mm	32 mm	Resin	1 pc
92002454		300 mm	1.6 mm	32 mm	Resin	1 pc


» FOR COMPOSITE MATERIALS (HARD/SOFT COMBINATIONS)

	Ø	Thickness	Arbor Size	Bond		
92004719		300 mm	1.3 mm	32 mm	Bronze	1 pc

other diameters on request

CBN CUT-OFF WHEELS FOR WET ABRASIVE MACHINES

» FOR NICKEL AND COBALD BASED ALLOYS

	Ø	Thickness	Arbor Size		
92002456		250 mm	1.6 mm	32 mm	1 pc
92002457		300 mm	1.6 mm	32 mm	1 pc

ACCESSORIES FOR CUT-OFF WHEELS

DRESSING STONE

92002460		Dressing stone for diamond cut-off wheels, CBN cut-off wheels and cup wheels	1 pc
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ANTI CORROSION COOLANT

for wet abrasive cut-off machines

» for steel, cast iron, non-ferrous metal

95014280	Concentrate (ratio 1:35) / refractometer: 1.4%/°Bx	1 l
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95014281	Concentrate (ratio 1:35) / refractometer: 1.4%/°Bx	5 l
95014282	Concentrate (ratio 1:35) / refractometer: 1.4%/°Bx	10 l

ATM-COOLCUT, ENVIRONMENT- AND USER-FRIENDLY

free of oil, boron, nitride and formaldehyde

**» for steel, cast iron, light and non-ferrous metal, glass and ceramics, composites
good anti-corrosion protection and cutting properties**

95004145	ATM-CoolCut (mixing ratio 1:25 (4%) – 1:12.5 (8%) / refractometer: 2.0%/°Bx	1 l
95004146	ATM-CoolCut (mixing ratio 1:25 (4%) – 1:12.5 (8%) / refractometer: 2.0%/°Bx	5 l
95004147	ATM-CoolCut (mixing ratio 1:25 (4%) – 1:12.5 (8%) / refractometer: 2.0%/°Bx	10 l

COOLING AGENT ADDITIVES

ATM-COOLADD NF

92006504	ATM-CoolAdd NF, additive for cutting of hard metals, c-steels, copper alloys (prevents dilution of cobalt or chrome) Mixing concentration in aqueous coolant approx. 0.1 - 0.3%	1 kg
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ATM-COOLADD CU

95008731	ATM-CoolAdd NF, additive for cutting of non-ferrous materials, like Cu and ist alloys. Mixing concentration in aqueous coolant approx. 0.05 - 0.2%	1 kg
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ATM-COOLCLEAN B


95006593	ATM-CoolClean B, bactericide for cooling lubricants (prevents contamination by a wide range of bacteria) Mixing concentration in aqueous coolant approx. 0.1 - 0.2%	1 kg
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DEFOAMING AGENT

92006503	Defoaming agent, additive for water-based coolants Mixing concentration in aqueous coolant approx. 0.005 - 0.05%	200 ml
92006506	Defoaming agent, additive for water-based coolants Mixing concentration in aqueous coolant approx. 0.005 - 0.05%	1 l


ACCESSORIES FOR MAINTENANCE AND CARE OF COOLANTS

MAINTENANCE AND TESTING SET


95007866  Maintenance and testing set for anti-corrosion coolant (case with handheld refractometer, plastic cup for extraction of sample, test strips, thermometer) 1 pc

ACCESSORIES FOR MAINTENANCE AND TESTING SET

92005616  pH test strips 100 pcs

92005613  Nitrate test strips 100 pcs

92005614  Nitrite test strips 100 pcs

95007865  Water hardness test strips 100 pcs

ATM-PRECLEAN

92006502 ATM-PreClean, disinfection system cleaner for cleaning the coolant circulation system before exchanging coolant 1 kg

ACCESSORIES FOR MAINTENANCE AND CARE OF CUT-OFF MACHINES

CORROSION PROTECTION- AND CARE SPRAY

95016408 Corrosion protection- and care spray, fully synthetical, silicon-free corrosion protection oil, for metal surfaces (e.g. clamping vices) 400 ml

ANTI-FOG SPRAY

95008900  Anti-fog spray (prevents steaming up the viewing window by splash water) 100 ml

FILTER FLEECE FOR BELT FILTER SYSTEMS

Length x Width

» FOR BELT FILTER SYSTEM BFA 165

92008745 Filter fleece roll, fine, 100 µm 100 m x 450 mm 1 pc

» FOR BELT FILTER SYSTEM BFA 325

92008744	Filter fleece roll, coarse, 150 µm	100 m x 450 mm	1 pc
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» FOR BELT FILTER SYSTEM BFA 285

92008780	Filter fleece roll, coarse, 150 µm	100 m x 710 mm	1 pc
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» FOR BELT FILTER SYSTEM BFA 100/130

95001696	Filter fleece roll, coarse, 150 µm	100 m x 420 mm	1 pc
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» other sizes on request

FILTER FLEECE MAT FOR RECIRCULATION COOLING SYSTEMS

Length x Width

» FOR BRILLANT 2000

95007753	Filter fleece mat	940 x 720 mm	1 pc
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» FOR BRILLANT 285

95007761	Filter fleece mat	724 x 720 mm	1 pc
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» FOR RECIRCULATION COOLING SYSTEM 15 LTR.

95014816	Filter fleece mat	235 x 148 mm	1 pc
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FILTER INSERTS

Dimensions

» FOR BRILLANT 255/265/270/275/280

92008739	Filter cloth and fleece	490 x 290 x 190 mm	1 pc
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» FOR RECIRCULATION COOLING SYSTEM 45 LTR.

92008741	Filter cloth and fleece	290 x 150 x 190 mm	(until year of construction 2012)	1 pc
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95007759	Filter cloth and fleece	250 x 200 x 155 mm	(from year of construction 2013)	1 pc
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» FOR SETTLING TANK

92005993	Fleece	290 x 150 x 190 mm	(until year of construction 2012)	1 pc
95007760	Fleece	250 x 200 x 155 mm	(from year of construction 2013)	1 pc

www.qatm.com/cutting-consumables