



Qprep

CUTTING | MOUNTING | GRINDING | POLISHING | ETCHING | ANALYZING | HARDNESS TESTING

CONSUMABLES **EXTRACT**

STARTING POINT FOR QPREP CONSUMABLES

With this excerpt of our overall portfolio, we would like to create an overview that is the basis and starting point for the Qprep consumables.

This extract includes the most important consumables for a successful start in the market and with the customer.

The selected products can represent approx. 80% of all applications and thus help to find a specific solution for the customer.

These products should also be available at a local laboratory and warehouse as standards!

Of course, the main catalog contains all products we have on our offer, including those shown here. For further information and details please use this catalog or the consumables websites.

If you have any further questions, the relevant sales representative and the Qprep consumables team (consumables@qatm.com) will be happy to support.

CONTENT

Consumables for cutting	page
Precision cut-off wheels	3
Premium cut-off wheels	4
Coolant & Filter systems	5
Consumables for mounting	
Hot mounting materials	6
Cold mounting materials	6
UV mounting materials	7
Accessories & tools for cold and UV mounting	7
Cold and UV mounting moulds	8

Consumables for grinding and polishing	page
Diamond cup grinder	9
Diamond grinding discs	9-10
Silicon carbide grinding papers, self-adhesive	11
Silicon carbide grinding papers, plain backed	11
Diamond suspensions	12
Polishing cloths with metal back	13-14
Filter inserts	15
Consumables for etching and analyzing	
Etching & Analyzing	15
Expiration dates of consumables	18

THE BEST CHOICE FOR YOUR APPLICATION



With QPREP, QATM offers a wide range of high-quality consumables for metallographic sample preparation and analysis. All consumables are thoroughly tested and selected for perfect interaction with QATM machines.

QATM CONTACT

QATM is a provider of integrated solutions. In addition to our comprehensive product range we offer full application support and technical service.

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Qprep Precision cut-off wheels



Item No.	Unit	Description				
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SILICON CARBIDE PRECISION CUT-OFF WHEELS					
Ø	Thickness	Arbor Size	Bond		

- for non-ferrous metals

92004998	5 Pcs.	150 mm	1 mm	12.7 mm	Resin
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ALUMINUM OXIDE PRECISION CUT-OFF WHEELS					
Ø	Thickness	Arbor Size	Grain size	Bond	

Fine-grained

- for universal application of materials of higher hardness
- precise cuts and high surface quality
- optimal for delicate samples and sensitive materials

92002769	5 Pcs.	150 mm	0.45 mm	12.7 mm	fine grid	rubber
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Coarse-grained

- for universal use with lower hardness materials
- ideal for rough geometries and mounted sample material
- fast and efficient cuts

92002770	5 Pcs.	150 mm	0.6 mm	12.7 mm	coarse grid	rubber
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92004159	5 Pcs.	150 mm	1 mm	12.7 mm	coarse grid	resin
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DIAMOND PRECISION CUT-OFF WHEELS						
Ø	Thickness	Arbor Size	Grain size	Concen- tration	Bond	

- for universal application and carbides

92002409	1 Pc.	150 mm	0.5 mm	12.7 mm	D213	HC	bronze
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- for glass, minerals as well as brittle and hard ceramic materials

92002402	1 Pc.	100 mm	0.3 mm	12.7 mm	D181	LC	bronze
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- for mounted samples, composites, CFRP, GFRP and plastics

95012928	1 Pc.	200 mm	1.0 mm	12.7 mm	D64	LC	galvanic
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Notes

Qprep Premium cut-off wheels



Item No.	Unit	Description		
PREMIUM ALUMINUM OXIDE CUT-OFF WHEELS BOND: RESIN				
		Ø	Thickness	Arbor Size
Type FS-B, Orange • for medium soft steel (200-450 HV), e.g. unalloyed structural steels and low-alloy steels				
95012528	10 Pcs.	250 mm	1.5 mm	32 mm
95012535	10 Pcs.	300 mm	2.0 mm	32 mm
95012549	10 Pcs.	400 mm	3.0 mm	32 mm
Type FS-C, Yellow • for medium hard steel (300-550 HV), case hardened, nitrided steels				
95012527	10 Pcs.	250 mm	1.5 mm	32 mm
95012534	10 Pcs.	300 mm	2.2 mm	32 mm
95012548	10 Pcs.	400 mm	3.0 mm	32 mm
Type FS-D, Green • for hard steels (400-700 HV), annealed, carburised steels				
95012526	10 Pcs.	250 mm	1.5 mm	32 mm
95012533	10 Pcs.	300 mm	2.0 mm	32 mm
95012547	10 Pcs.	400 mm	3.0 mm	32 mm



PREMIUM ALUMINUM OXIDE CUT-OFF WHEELS BOND: RUBBER				
		Ø	Thickness	Arbor Size
Type A, Brown • universal wheel, soft and hard metals, superalloys (50-500 HV)				
92002599	10 Pcs.	254 mm	1.0 mm	32 mm
92002436	10 Pcs.	356 mm	1.6 mm	32 mm



PREMIUM SILICON CARBIDE CUT-OFF WHEELS BOND: RESIN				
		Ø	Thickness	Arbor Size
Type NF-A, Purple • for non-ferrous metals (30-300 HV)				
95012531	10 Pcs.	250 mm	1.5 mm	32 mm
95012538	10 Pcs.	300 mm	2.0 mm	32 mm
Type Ti-A, Pink • for titanium and alloys, refractory metals (30-300 HV)				
95012530	10 Pcs.	250 mm	1.5 mm	32 mm
95012537	10 Pcs.	300 mm	2.0 mm	32 mm



PREMIUM DIAMOND CUT-OFF WHEELS BOND: BRONZE				
		Ø	Thickness	Arbor Size
• for ceramic materials				
92002452	1 Pc.	250 mm	1.2 mm	32 mm

PREMIUM DIAMOND CUT-OFF WHEELS BOND: RESIN				
		Ø	Thickness	Arbor Size
• for hard metals, for materials with high hardness (>700 HV)				
92002451	1 Pc.	250 mm	1.2 mm	32 mm

Qprep Coolant & Filter systems



Item No.	Unit	Description
ATM-COOLCUT, ENVIRONMENT- AND USER-FRIENDLY		
Mixing ratio 1:25 (4%) – 1:12.5 (8%) / refractometer: 2.0%/°Bx		
<ul style="list-style-type: none"> for steel, cast iron, light and non-ferrous metal, glass and ceramics, composites free of oil, boron, nitride and formaldehyde optimized anti-corrosion protection and cutting properties 		
95004145	1 l	ATM-CoolCut, concentrate
FILTER INSERTS		
		Dimensions
		Mesh size
for Brillant 255 / Qcut 400 A (Brillant 265) / Brillant 270 / Qcut 500 A (Brillant 275) / Brillant 280		
95017301	5 Pcs.	Filter cloth and fleece 490 x 290 x 190 mm 60 µm
for recirculation cooling system 45 Ltr. (from year of construction 2013)		
95017307	5 Pcs.	Filter cloth and fleece 250 x 200 x 155 mm 60 µm
FILTER FLEECE MAT FOR RECIRCULATION COOLING SYSTEMS		
		Length x Width
for recirculation cooling system 15 Ltr. (Qcut 150 A/M)		
95017314	5 Pcs.	Filter fleece mat 235 x 148 mm

Notes

Qprep Hot mounting materials



Item No.	Unit	Description
HOT MOUNTING MATERIAL EPO BLACK		
95011990	1 kg	EPO BLACK
HOT MOUNTING MATERIAL EPO-MAX		
95013811	1 kg	EPO-MAX
HOT MOUNTING MATERIAL THERMOPLAST		
95011996	1 kg	THERMOPLAST
HOT MOUNTING MATERIAL BAKELIT GREEN		
95011988	5 kg	BAKELIT GREEN
ACCESSORIES FOR HOT MOUNTING		
92002658	1 Pc.	Funnel for hot mounting material
92001716	10 Pcs.	Dosing spoon for hot and cold mounting material, 13 ml



Qprep Cold mounting materials



Item No.	Unit	Description
COLD MOUNTING MATERIAL KEM 20		
Basis: Methyl methacrylate		
<ul style="list-style-type: none"> • feasibility of transparent mountings by means of pressure unit • 2-component system: powder + liquid (2:1 [Vol.-%]) 		
95013990	1 Set	1 kg powder, 500 ml liquid, 40 mixing cups, 40 mixing sticks, 2 dosing spoons: 13 ml, oval
95013939	1 kg	Powder
95013942	500 ml	Liquid
COLD MOUNTING MATERIAL KEM 35		
Basis: Methyl methacrylate		
<ul style="list-style-type: none"> • light green, opaque • 2-component system: powder + liquid (1.5:1 [Vol.-%]) 		
95012022	1 Set	1 kg powder, 500 ml liquid, 40 mixing cups, 40 mixing sticks, 2 dosing spoons
92002473	1 kg	Powder
92002475	500 ml	Liquid
COLD MOUNTING MATERIAL QPOX 92		
Basis: Epoxy resin		
<ul style="list-style-type: none"> • transparent, suitable for vacuum infiltration • 2-components-system: resin + hardener (4:1 [weight-%]) 		
95017316	1 Set	1 l Resin, 250 ml Hardener, 40 mixing cups, 40 mixing sticks, 2 dosing spoons
95016854	1 l	Resin
95016855	250 ml	Hardener



Qprep UV mounting materials



Item No.	Unit	Description
UV MOUNTING MATERIAL QPREP UV 50		
Basis: Modified methacrylate		
<ul style="list-style-type: none"> • transparent • 1-component system 		
95016840	1 l	All-in-one liquid
UP TO 70% REDUCED GAP FORMATION COMPARED TO QPREP UV 50		
UV MOUNTING MATERIAL QPREP UV 55		
Basis: Modified methacrylate		
<ul style="list-style-type: none"> • transparent • 1-component system 		
95017495	1 l	All-in-one liquid

Qprep Accessories & tools for cold and UV mounting



Item No.	Unit	Description
ACCESSORIES FOR COLD MOUNTING		
92001715	100 Pcs.	Mixing cups, disposable, 180 ml
92001717	100 Pcs.	Mixing sticks (wood)
92001779	10 Pcs.	Dosing spoon for cold mounting material, 20 ml
92001781	10 Pcs.	Dosing spoon for cold mounting material, 13 ml
CLIP FOR ALIGNING THIN SAMPLES IN MOULD		
92002663	100 Pcs.	Plastic, transparent
other colors available on request		

Notes

Qprep Cold and UV mounting moulds



Item No.	Unit	Description
COLD AND UV MOUNTING MOULDS		
Qmould Grey, round, without chamfer		
<ul style="list-style-type: none"> • not suitable for UV mounting • with exchangeable bottom 		
95017577	5 Pcs.	Ø 40 mm / H 25 mm
95017578	5 Pcs.	Ø 50 mm / H 25 mm
Qmould Clear, round, without chamfer		
<ul style="list-style-type: none"> • suitable for UV mounting • with exchangeable bottom 		
95017575	5 Pcs.	Ø 40 mm / H 25 mm
95017576	5 Pcs.	Ø 50 mm / H 25 mm
Qmould White, round, without chamfer		
<ul style="list-style-type: none"> • not suitable for UV mounting • with exchangeable bottom 		
95017579	5 Pcs.	Ø 40 mm / H 25 mm
95017580	5 Pcs.	Ø 50 mm / H 25 mm
Silicon rubber square, beveled edge		
<ul style="list-style-type: none"> • not suitable for light curing 		
95017032	5 Pcs.	55 x 30 mm / H 22 mm
95017033	5 Pcs.	70 x 40 mm / H 22 mm
Polyethylene round		
<ul style="list-style-type: none"> • not suitable for light curing • with exchangeable bottom 		
95017038	5 Pcs.	Ø 30 mm / H 25 mm
Polypropylene round		
<ul style="list-style-type: none"> • suitable for UV mounting • with exchangeable bottom 		
95017318	5 Pcs.	Ø 30 mm / H 27 mm

Notes

Qprep Diamond cup grinder



Item No.	Unit	Description										
DIAMOND CUP GRINDER												
		<table border="1"> <thead> <tr> <th>Ø</th> <th>Thickness</th> <th>Height</th> <th>Arbor Size</th> <th>Grain Size</th> </tr> </thead> <tbody> <tr> <td colspan="5"> <ul style="list-style-type: none"> • for glass, ceramics, rocks, hard metal • with resin bond </td> </tr> </tbody> </table>	Ø	Thickness	Height	Arbor Size	Grain Size	<ul style="list-style-type: none"> • for glass, ceramics, rocks, hard metal • with resin bond 				
Ø	Thickness	Height	Arbor Size	Grain Size								
<ul style="list-style-type: none"> • for glass, ceramics, rocks, hard metal • with resin bond 												
95015122	1 Pc.	150 mm 8 mm 21.5 mm 12.7 mm fine										

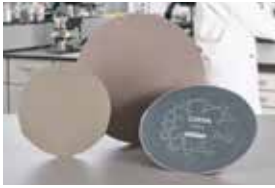
Qprep Diamond grinding discs



Item No.	Unit	Description				
MAGNETIC FOIL, SELF-ADHESIVE - FIXATION SYSTEM FOR GRINDING DISCS						
		<table border="1"> <thead> <tr> <th>Ø</th> <th>thickness</th> </tr> </thead> <tbody> <tr> <td colspan="2"> Magnetic foil, strong adhesion <ul style="list-style-type: none"> • to apply on working wheel </td> </tr> </tbody> </table>	Ø	thickness	Magnetic foil, strong adhesion <ul style="list-style-type: none"> • to apply on working wheel 	
Ø	thickness					
Magnetic foil, strong adhesion <ul style="list-style-type: none"> • to apply on working wheel 						
95016346	1 Pc.	250 mm 1 mm				
95012161	1 Pc.	300 mm 1 mm				



GALAXY DIAMOND GRINDING DISCS BOND: RESIN		
Description		Ø
for medium to hard materials <ul style="list-style-type: none"> • planar grinding: red (P100-120) • Fixation system: Magnetic foil 		
95004310	1 Pc.	GALAXY diamond grinding disc red 250 mm
95004314	1 Pc.	GALAXY diamond grinding disc red 300 mm
incl. dressing stone No. 95006603		
for medium to hard materials <ul style="list-style-type: none"> • fine grinding: green (P180-320) • Fixation system: Magnetic foil 		
95004311	1 Pc.	GALAXY diamond grinding disc green 250 mm
95004315	1 Pc.	GALAXY diamond grinding disc green 300 mm
incl. dressing stone No. 95006603		
for medium to hard materials <ul style="list-style-type: none"> • fine grinding: blue (P400-600) • Fixation system: Magnetic foil 		
95004312	1 Pc.	GALAXY diamond grinding disc blue 250 mm
95004316	1 Pc.	GALAXY diamond grinding disc blue 300 mm
incl. dressing stone No. 95006603		
for medium to hard materials <ul style="list-style-type: none"> • fine grinding: yellow (P800-1000) • Fixation system: Magnetic foil 		
95004313	1 Pc.	GALAXY diamond grinding disc yellow 250 mm
95004317	1 Pc.	GALAXY diamond grinding disc yellow 300 mm
incl. dressing stone No. 95006603		



Item No.	Unit	Description
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VEGA DIAMOND GRINDING DISCS

Description Grain Size

for hard materials, for planar and pre-grinding
 • Fixation system: Magnetic foil

250 mm Ø

95015026	1 Pc.	VEGA diamond grinding disc	125 µm
95015028	1 Pc.	VEGA diamond grinding disc	54 µm
95015030	1 Pc.	VEGA diamond grinding disc	10 µm

300 mm Ø

95015051	1 Pc.	VEGA diamond grinding disc	125 µm
95015053	1 Pc.	VEGA diamond grinding disc	54 µm
95015055	1 Pc.	VEGA diamond grinding disc	10 µm



CONTERO S FINE GRINDING DISCS

Description Ø

for soft to medium-hard materials
 • Fixation system: Magnetic foil

95013194	1 Pc.	Contero S fine grinding disc	250 mm
95013196	1 Pc.	Contero S fine grinding disc	300 mm

CONTERO H FINE GRINDING DISCS

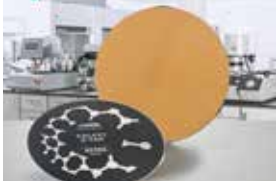
Description Ø

for medium-hard to hard materials
 • Fixation system: Magnetic foil

95017605	1 Pc.	Contero H fine grinding disc	250 mm
95017606	1 Pc.	Contero H fine grinding disc	300 mm

Notes

Qprep Silicon carbide grinding papers, self-adhesive



Item No.	Unit	Description
GALAXY X-TAP - FIXATION SYSTEM FOR SELF-ADHESIVE GRINDING PAPER		
Ø		
GALAXY X-Tap (for using with magnetic foil)		
95017020	1 Pc.	250 mm
95017021	1 Pc.	300 mm



SILICON CARBIDE GRINDING PAPERS, SELF-ADHESIVE			
Grain FEPA standard			
• Fixation system: X-Tap			
250 mm Ø			
92001644	100 Pcs.	SiC grinding paper	P120
92001645	100 Pcs.	SiC grinding paper	P180
92001647	100 Pcs.	SiC grinding paper	P320
92001649	100 Pcs.	SiC grinding paper	P600
92001652	100 Pcs.	SiC grinding paper	P1200
300 mm Ø			
92001655	100 Pcs.	SiC grinding paper	P120
92001657	100 Pcs.	SiC grinding paper	P180
92001659	100 Pcs.	SiC grinding paper	P320
92001661	100 Pcs.	SiC grinding paper	P600
92001664	100 Pcs.	SiC grinding paper	P1200

Qprep Silicon carbide grinding papers, plain backed



Item No.	Unit	Description
QUICK-TAP - FIXATION SYSTEM FOR SILICON GRINDING PAPERS, PLAIN BACKED		
Ø		
GALAXY Quick-Tap (for using with magnetic foil)		
95017484	1 Pc.	250 mm
95017485	1 Pc.	300 mm



SILICON CARBIDE GRINDING PAPERS WITHOUT ADHESIVE/FOIL BACKING			
Grain FEPA standard			
• Fixation system: Quick-Tap			
250 mm Ø			
92001582	100 Pcs.	SiC grinding paper, plain backed	P120
92001583	100 Pcs.	SiC grinding paper, plain backed	P180
92001585	100 Pcs.	SiC grinding paper, plain backed	P320
92001588	100 Pcs.	SiC grinding paper, plain backed	P600
92001591	100 Pcs.	SiC grinding paper, plain backed	P1200
300 mm Ø			
92001595	100 Pcs.	SiC grinding paper, plain backed	P120
92001596	100 Pcs.	SiC grinding paper, plain backed	P180
92001598	100 Pcs.	SiC grinding paper, plain backed	P320
92001601	100 Pcs.	SiC grinding paper, plain backed	P600
92001604	100 Pcs.	SiC grinding paper, plain backed	P1200

Qprep Diamond suspensions



Item No.	Unit	Description
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DIA-COMLETE POLY, ALL-IN-ONE DIAMOND SUSPENSION

Grain Size

Combined product of diamond suspension and lubricant

95011840	1 l	1 µm
95011846	2.5 l	1 µm
95011841	1 l	3 µm
95011847	2.5 l	3 µm
95011843	1 l	9 µm
95011849	2.5 l	9 µm

DIAMOND SUSPENSION POLYCRYSTALLINE

Grain Size

95016017	500 ml	1 µm
95002761	2.5 l	1 µm
95016018	500 ml	3 µm
95002762	2.5 l	3 µm
95016020	500 ml	9 µm
95002764	2.5 l	9 µm

DIAMOND SUSPENSION MONOCRYSTALLINE

Grain Size

95016012	500 ml	1 µm
95002755	2.5 l	1 µm
95016013	500 ml	3 µm
95002756	2.5 l	3 µm
95016015	500 ml	9 µm
95002758	2.5 l	9 µm

DIAMOND LUBRICANT

Color Characteristics

- for manual dosing with diamond suspension

92005509	1 l	Yellow	- water-based -	ecologically friendly
92004925	2.5 l	Yellow	- water-based -	ecologically friendly
95000901	1 l	Blue	- alcohol-based -	for water-free preparation
95000911	2.5 l	Blue	- alcohol-based -	for water-free preparation

FINE POLISHING SUSPENSIONS

Description pH-value Grain Size

Fine polishing suspension (Al₂O₃)

- does not crystallize
- for ferrous materials, polymers, composites, PCB, rocks and minerals

92002534	1 l	Eposal	pH≈8.0	0.06 µm
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Colloidal silica

- for polishing, also mixable with diluted etchant
- for ferrous and non-ferrous materials, ceramics
- especially for soft materials like Al,Cu,Ti and solder joints

92002536	1 l	Eposil F	pH≈9.5	0.1 µm
95013858	1 l	Eposil Non Dry	pH≈9.5	0.05 µm (does not crystallize)

Qprep Polishing cloths with metal back



Item No.	Unit	Description	
MAGNETIC FOIL, SELF-ADHESIVE - FIXATION SYSTEM FOR GALAXY POLISHING CLOTHS			
		Ø	thickness
Magnetic foil, strong adhesion • to apply on working wheel			
95016346	1 Pc.	250 mm	1 mm
95012161	1 Pc.	300 mm	1 mm



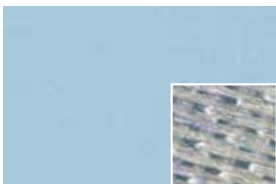
GALAXY POLISHING CLOTH WITH METAL BACK			
		Description Ø	
GALAXY – ALPHA			
<ul style="list-style-type: none"> • Suitable for pre-polishing • Very hard, perforated chemical fiber cloth • For ceramics, hard metal, steel, grey cast iron, aluminum • High lifetime and stock removal • For use with diamond grain size: 15/9 µm • Fixation system: Magnetic foil 			
95001408	5 Pcs.	Alpha	250 mm
95001409	5 Pcs.	Alpha	300 mm



GALAXY – BETA			
<ul style="list-style-type: none"> • Suitable for pre-polishing • Hard synthetic cloth • Materials with high hardness, steel, grey cast iron, hard metal, ceramics • For use with diamond grain size: 15/9/6 µm • Fixation system: Magnetic foil 			
95001411	5 Pcs.	Beta	250 mm
95001412	5 Pcs.	Beta	300 mm



GALAXY – DELTA			
<ul style="list-style-type: none"> • Suitable for pre- & intermediate polishing • Medium hard silk cloth • C-steels, precious metal, plastics [CFK, GFK], coatings, aluminum • For use with diamond grain size: 9/6/3 µm • Fixation system: Magnetic foil 			
95001414	5 Pcs.	Delta	250 mm
95001415	5 Pcs.	Delta	300 mm



GAMMA – Polishing cloth			
<ul style="list-style-type: none"> • Suitable for pre- & intermediate polishing • Medium hard silk cloth • C-steels, precious metal, coatings, plastics [CFK, GFK], • For use with diamond grain size: 9/6/3 µm • Fixation system: Magnetic foil 			
95017589	5 Pcs.	Gamma	250 mm
95017590	5 Pcs.	Gamma	300 mm



GALAXY – PHI			
<ul style="list-style-type: none"> • Suitable for pre-, intermediate-, and end polishing • Medium hard chemical fiber cloth • For iron, non-ferrous metals, minerals, ceramics, composite materials • For use with diamond grain size: 9/6/3/1 µm • Fixation system: Magnetic foil 			
95012740	5 Pcs.	Phi	250 mm
95012741	5 Pcs.	Phi	300 mm

Item No.	Unit	Description	
GALAXY POLISHING CLOTH WITH METAL BACK			
Description Ø			
GALAXY – SIGMA			
<ul style="list-style-type: none"> • Suitable for intermediate and end polishing • Soft wool cloth • For all materials • For use with diamond grain size: 6/3/1 µm • Fixation system: Magnetic foil 			
95001417	5 Pcs.	Sigma	250 mm
95001418	5 Pcs.	Sigma	300 mm
GALAXY – IOTA			
<ul style="list-style-type: none"> • Suitable for end polishing as well as fine polishing with fine polishing suspension • Short flocked, soft synthetic cloth • For all materials, especially hard materials • For use with diamond grain size: 3/1 µm • Suitable for oxide suspensions • Fixation system: Magnetic foil 			
95001420	5 Pcs.	lota	250 mm
95001421	5 Pcs.	lota	300 mm
GALAXY – ZETA			
<ul style="list-style-type: none"> • Suitable for end polishing as well as fine polishing with fine polishing suspension • Short flocked, soft synthetic cloth • For all materials • For use with diamond grain size: 3/1 µm • Suitable for oxide suspensions as well as alumina • Fixation system: Magnetic foil 			
95005777	5 Pcs.	Zeta	250 mm
95005778	5 Pcs.	Zeta	300 mm
GALAXY – OMEGA			
<ul style="list-style-type: none"> • Suitable for fine polishing with fine polishing suspension • Soft synthetic cloth (chemical resistant) • For all materials • Suitable for oxide suspensions • Fixation system: Magnetic foil 			
95005780	5 Pcs.	Omega	250 mm
95005781	5 Pcs.	Omega	300 mm

Notes

Qprep Filter inserts

Item No.	Unit	Description	Dimensions	Mesh size
FILTER INSERTS				
Filter inserts for settling tank (from year of construction 2013)				
95017312	5 Pcs.	Fleece	250 x 200 x 155 mm	60 µm
95017313	5 Pcs.	Fleece	250 x 200 x 155 mm	100 µm

Qprep Etching & Analyzing



Item No.	Unit	Description
ETCHANTS		
Description		
Ready-to-use etching solutions for microstructural contrasting		
95000508	500 ml	Copper A, chloride version (for Cu, Cu-alloys, brass and bronze)
92002602	1 kg	Adler Etchant (for steel, weldings, macro etching)
92002597	1 l	Alcoholic nitric acid, 3% Nital (for unalloyed and low alloyed steels)
92002605	1 kg	V2A Etchant (for austenitic steels), application at approx. 60°C, including the additive Dr. Vogel's economy etchant, which acts as an inhibitor and optimizes the etching performance
92004492	1 kg	Kroll Etchant (for aluminum alloys, titanium)

Download of Safety Data Sheets at www.qatm.com

Notes



Notes

Horizontal lines for notes

Notes

Remarks

„The listed expiration dates represent the minimum shelf life of the QATM consumables. Within this period the complete functionality of the products are guaranteed.

Reaching the expiration date does not cause a loss of the functionality of the products. Consequently, they can be used further more.

To ensure full functionality of the products, an **adequate storage** is essential. The products need to be reliably protected against humidity and temperature fluctuation or otherwise the product properties may be compromised. In addition, packaging should not be subjected to excessive pressure and products should not be stored on their sides.

When outside temperatures are high, delivery of the liquids of KEM 15, 20, 30, 35 and 60 is restricted. For further information please consult the data sheet.

The consumables and their packaging should not be opened unless for imminent use e.g. cut-off wheels are hygroscopic and cold mounting materials might react with oxygen).

This might influence the functionality over time.

The expiration date starts from shipping date.

Complaints are checked by our quality management and application team.

Our general terms and conditions remain unaffected from these notes.”

Expiration dates of consumables

	Product	Expiration date
		Years
Cutting	Abrasive cut-off wheels	2
	CBN cut-off wheels	2
	Diamond blades	2
	Cup grinder	2
	Coolant	2
	Additives for coolants	2
	Filter fleece & filter bags	2
	Hot Mounting	All hot mounting materials
Cold Mounting	All cold and UV mounting materials	1
	Mounting moulds	2
	Releasing agent	2
Grinding/Polishing	Grinding wheels	2
	GALAXY Diamond grinding discs	2
	SiC grinding foils	1
	SiC grinding paper without self-adhesive back/ with foil back	2
	SiC grinding paper self-adhesive	1
	SiC grinding belts	1
	Adhesive foil double-side	1
	Adhesive carrier	2
	Diamond suspensions	2
	Diamond paste	2
	Diamond spray	2
	Aluminum oxide suspensions (Alumina, Eposal)	2
	Colloidal silica	2
	Polishing cloths	2
Polishing cloth carrier discs	1	
Magnetic foil	2	
Etching	Etchants & electrolytes	1
Miscellaneous	Ethanol & Aceton	2
	Ultrasonic cleaning agents (Tickopur)	2
	Replication material Provil Novo	1

Safety Data Sheets



Download of Safety Data Sheets at www.qatm.com





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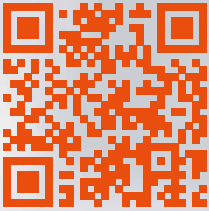
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