

## List of Consumables

Item	Product Model	Specification	Qty	Description	
<b>Metallographic Cutting Disk</b>					
	HCW125	Φ125×0.5×12.7mm	1 Box	10 pieces/box Brown-red color High-hardness nemesis, suitable for high-hardness steel (iron-based metal HV250-800) Appearance color: brown-red; product hardness: softer; consumption speed: fast;	
	HCW150	Φ152×0.6×12.7mm	1 Box		
	HCW200	Φ200×1.0×32mm	1 Box		
	HCW230	Φ230X1.2X32mm	1 Box		
	HCW250	Φ250X1.5X32 / 250X2.0X32mm	1 Box		
	HCW300	Φ300X1.5X32 / 300X2X32mm	1 Box		
	HCW350	Φ350X2.5X32mm	1 Box		
	LCW250	Φ250X1.5X32 / 250X2X32mm	1 Box	10 pieces/box Black color Suitable for iron-based materials, low-hardness steel, annealed steel and non-ferrous metal materials (copper, aluminum, etc.). Appearance color: black; product hardness: hard; consumption speed: medium	
	LCW300	Φ300X1.5X32 / 300X2.0X32mm	1 Box		
	LCW350	Φ350X2.5X32mm	1 Box		
	LCW400	Φ400X3.0X32mm	1 Box		
	NCW250	Φ250X1.5X32 / 250X2.0X32mm	1 Box		
	NCW300	Φ300X1.5X32 / 300X2.0X32mm	1 Box		
	NCW350	Φ350X2.5X32mm	1 Box		
	DCW100	Φ100×0.3×22/32mm	1 PCS	Used for cutting samples of extremely hard metals and cemented carbides, non-metallic minerals, glass, ceramics, brittle hard and brittle materials.	
	DCW125	Φ125 × 0.38 × 12.7	1 PCS	Suitable for non-ferrous materials, made in the U.S. UKAM	
	DCW150	Φ152×0.43×12.7	1 PCS		
	DCW175	Φ178×0.63×12.7mm	1 PCS		
	DCW200	Φ203 × 0.80 × 22mm	1 PCS		
	DCWA100	Φ100×0.3×12.7mm	1 PCS	Used for cutting samples of extremely hard metals and cemented carbides, non-metallic minerals, glass, ceramics, brittle hard and brittle materials.	
	DCWA125	Φ125×0.4×12.7mm	1 PCS		
	DCWA150	Φ150×0.5×12.7mm	1 PCS		
DCWA175	Φ175×0.7×12.7mm	1 PCS			
DCWA200	Φ200×0.9×22/32mm	1 PCS			
<b>Metallographic cutting cooling lubricant</b>					
	CLL	1L/Bottle	1 Bottle	Used in conjunction with metallographic cutting discs to prevent thermal effects from samples, and replace COOLMET	
	CLL	4L/Bottle	1 Bottle		
<b>Metallographic hot mounting powder for metallographic mounting press</b>					
	HM1	500g/bottle	1 Bottle	Black color Common type, black, suitable for general sample preparation	
		2000g/bottle	1 Bottle		
		4000g/bottle	1 Bottle		
		18kg/bottle	1 Bottle		
	HM1	500g/bottle	1 Bottle	Green color Common type, suitable for general sample preparation	
		2000g/bottle	1 Bottle		
	HM1	500g/bottle	1 Bottle	Red color Common type, suitable for general sample preparation	
		2000g/bottle	1 Bottle		
	HM2	500g/bottle	1 Bottle	Conductive type, black, suitable for conductive samples such as: used for electron microscopy, electrolytic polishing	
	HM3	500g/bottle	1 Bottle	Edge-preserving, black, very low shrinkage, tightly combined with the sample, high hardness, good wear resistance, suitable for samples with high requirements on the edge	
	HM5	500g/bottle	1 Bottle	Transparent type, suitable for samples that have requirements on position, size, layer depth, etc.	
	HM6	500g/bottle	1 Bottle	White type, suitable for general sample preparation	
	HM7	500g/bottle	1 Bottle	Dissolvable, transparent, the sample can be taken out of the mounting sample without damage Applicable samples need to be recovered, and samples with requirements for position, size, layer depth, etc.	
<b>Release agent for metallographic mounting press</b>					
	MMR	350ml/bottle	1 Bottle	Packed in a spray can, which can be sprayed evenly to the surface of the mold Suitable for release of hot mounting machine and cold mounting mold	
			1 Bottle		
	MMR2	200ml/bottle	1 Bottle	Liquid, suitable for release of hot mounting machine and cold mounting mold	
<b>Metallographic sandpaper</b>					
	GSC200	Φ200mm	1 Bag	Particle size number: P80, P120, P180, P240, P320, P400, P500, P600, P800, P1000, P1200, P1500	
			1 Bag		Particle size number: P2000 P2500
			1 Bag		Particle size number: P3000 P4000
	GSC230	Φ230mm	1 Bag	Particle size number: P80, P120, P180, P240, P320, P400, P500, P600, P800, P1000, P1200, P1500	
			1 Bag		Particle size number: P2000 P2500
			1 Bag		Particle size number: P3000 P4000
	GSC250	Φ250mm	1 Bag	Particle size number: P80, P120, P180, P240, P320, P400, P500, P600, P800, P1000, P1200, P1500	
			1 Bag		Particle size number: P2000 P2500
			1 Bag		Particle size number: P3000
	GSC300	Φ300mm	1 Bag	Particle size number: P80, P120, P180, P240, P320, P400, P500, P600, P800, P1000, P1200, P1500	
			1 Bag		Particle size number: P2000 P2500
			1 Bag		Particle size number: P3000, P4000
GSC200A	Φ200mm	1 Bag	Particle size number: P80, P120, P180, P240, P320, P400, P500, P600, P800, P1000, P1200, P1500		
		1 Bag		Particle size number: P2000 P2500	
		1 Bag		Particle size number: P3000, P4000	
	GSC230A	Φ230mm	1 Bag	Particle size number: P80, P120	
			1 Bag		Particle size number: P180, P240, P320, P400, P500, P600, P800, P1000, P1200
			1 Bag		Particle size number: P2000, P2500
	GSC250A	Φ250mm	1 Bag	Particle size number: P80, P120	
			1 Bag		Particle size number: P180, P240, P320, P400, P500, P600, P800, P1000, P1200
			1 Bag		Particle size number: P2000, P2500
GSC300A	Φ300mm	1 Bag	Particle size number: P80, P120		
		1 Bag		Particle size number: P2000, P2500	
		1 Bag		Particle size number: P3000, P3400	
<b>Spectral Grinding Machine Abrasive Belt</b>					
	GSC-MP		1 PCS	100mm wide, 910mm long Granularity: 60# 80# 120# 180# 240# 320# 400# 600# 800# Origin: domestic	
<b>Diamond spray abrasive polishing agent</b>					
	DSP	420ml/bottle	1 Bottle	Net weight: 280 grams; Particle size: 0.25, 0.5, 1, 1.5, 2.5, 3, 3.5, 5, 6, 7, 9, 10, 14, 15, 20, 28, 40 microns. Through pressure injection, the diamond distribution is even Suitable for various materials	
			1 Bottle		net weight: 280 grams; Particle size: 0.05 microns. Through pressure injection, the diamond distribution is even Suitable for various materials
<b>Diamond suspension grinding and polishing liquid</b>					
	DSU	500ml/bottle	1 Bottle	Particle size: 0.25, 0.5, 1, 1.5, 2.5, 3, 3.5, 5, 6, 7, 9, 10, 14, 15, 20, 28, 40 microns	
		200ml/bottle	1 Bottle		Particle size: 0.05microns
		4000ml/bottle	1 Bottle		Particle size: 0.25, 0.5, 1, 1.5, 2.5, 3, 3.5, 5, 6, 7, 9, 10, 14, 15, 20, 28, 40 microns
<b>Alumina grinding and polishing powder</b>					
	ALPF	500g/bottle	1 Bottle	Particle size: 0.3, 0.5, 1, 1.5, 2.5, 3.5, 7, 10, 14, 20, 28, 40 microns For grinding and polishing	
<b>Alumina suspension grinding and polishing liquid</b>					
	OSP	500ml/bottle	1 Bottle	Particle size: 0.3, 0.5, 1, 1.5, 2.5, 3.5, 7, 10, 14, 20, 28, 40 microns Suitable for grinding and polishing	
		OP-A	500ml/bottle		1 Bottle
<b>Polishing fabric for for metallographic polishing &amp; grinding machine</b>					
	FT200A	Φ200mm	1 Bag	10 pieces/bag Velvet (long pile)/wool cloth (short pile)/silk cloth (no pile) canvas (no pile)/nylon (no pile) Paste the back: the fabric can be directly fixed on the grinding disc	
	FT230A	Φ230mm	1 Bag		
	FT250A	Φ250mm	1 Bag		
	FT300A	Φ300mm	1 Bag		
	FT200CA	Φ200mm	1 Bag		10 pieces/bag Synthetic polymer material (no fluff), multi-cavity Paste the back: the fabric can be directly fixed on the grinding disc
	FT230CA	Φ230mm	1 Bag		
	FT250CA	Φ250mm	1 Bag		
	FT300CA	Φ300mm	1 Bag		
	FT230	Φ270mm	1 Bag		
FT250	Φ300mm	1 Bag	10 pieces/bag Velvet (long pile)/imported flannel (short and medium pile)/silk cloth (no pile) Ordinary type without adhesive adhesive		
<b>Metallographic polishing lubricating coolant</b>					
	LB	1L/bottle	1 Bottle	Blue, suitable for fine grinding and polishing processes of all materials	
		1L/bottle	1 Bottle		Red, suitable for fine grinding and polishing processes of all materials
<b>Anti-sticking disc</b>					
	MAGNOMET 203	Φ203mm	1 Box	5 pcs/box The surface adopts a special anti-sticking coating, and the sandpaper or polishing cloth with back glue can be stuck on this plate, which is easy to replace and does not leave any residual glue. Can be used repeatedly.	
	MAGNOMET 220	Φ220mm	1 Box		
	MAGNOMET 230	Φ230mm	1 Box		
	MAGNOMET 250	Φ250mm	1 Box		
	MAGNOMET 300	Φ300mm	1 Box		
<b>Magnetic disk</b>					
	MAGNODISC 203	Φ203mm	1 PCS	1 pcs/box Upper surface: magnetic, connected by magnetic and anti-sticking disc Lower surface: with self-adhesive user's existing polishing machine/pre-grinding machine aluminum disc or iron disc connection	
	MAGNODISC 220	Φ220mm	1 PCS		
	MAGNODISC 230	Φ230mm	1 PCS		
	MAGNODISC 250	Φ250mm	1 PCS		
	MAGNODISC 300	Φ300mm	1 PCS		



