

标乐(Buehler)精密切割机消耗品采购指南

标乐美国出品-

PRECISION SECTIONING CONSUMABLES

Precision Sectioning Blades for IsoMet® Saws (qty 1)

Recommended Use	3in [76mm]	4in [102mm]	5in [127mm]	6in [152mm]	7in [178mm]	8in [203mm]	Dressing Stick
Use with Saws	Best on IsoMet® Low Speed Saw or 4000/5000 with Precision Table	All	All	1000 2000 4000 5000	1000 2000 4000 5000	1000 2000 4000 5000	
30HC - Polymers Rubber, Soft Gummy Materials			11-4239		11-4241	11-4242 ^{SO}	N/A
20HC - Aggressive Sectioning of Metals			11-4215		11-4237	11-4283	11-1190 11-2490
15HC - Metal Matrix Composite, PCBs, Bone, Ti, TSC	11-10066	11-4244	11-4245	11-4246	11-4247	11-4248	11-1190 11-2490
20LC - Hard tough Materials, Structural Ceramics			11-4225		11-4227	11-4228	11-1190 11-2490
15LC - Hard Brittle Materials, Glass, Al ₂ O ₃ , Zr ₂ O ₃ , Concrete	11-10067	11-4254	11-4255	11-4276	11-4277	11-4279	11-1190 11-2490
10LC - Medium to Soft Ceramics, Glass Fiber Reinforced Composites	11-10068		11-4285		11-4287	11-4288 ^{SO}	11-1290 ^{SO} 11-2495 ^{SO}
5LC - Soft, Friable Ceramics, Composites with Fine Reinforcing, CaF ₂ , MgF ₂ , Carbon Composites	11-10069		11-4295				11-1290 ^{SO} 11-2495 ^{SO}
CBN LC - Fe, Co, Ni based alloys and superalloys	11-10070	11-4264	11-4265	11-4266	11-4267	11-4268	11-1190 11-2490
CBN HC - Fe, Co, Ni based alloys and superalloys		11-5264	11-5265	11-5266	11-5267	11-5268	11-1190 11-2490
Cup Grinder for Ferrous Material (IsoMet® 5000 only)				11-2720 ^{SO}			
Cup Grinder for Non-Ferrous Material (IsoMet® 5000 only)				11-2730 ^{SO}			
Cup Grinder for Ceramic & Geological Materials (IsoMet® 5000 only)			11-2740				

^{SO} - Special Order. Items may have long lead times and minimum orders.

AcuThin™ Abrasive Wheels for IsoMet® 2000, 4000 and 5000 Precision Saws, 0.5in [13mm] Arbor (qty 10)

Recommended Use	5in [127mm]	7in [178mm]
Tool Steel, Hard Steel HRC45 & Up	10-4060-010	
Medium hard, soft steel HRC45 & Below	10-4061-010	
Steel, Stainless Steel		11-4207-010
Hard, soft non-ferrous materials		11-4217-010



Coolant

Product Name	1 qt [0.95ℓ]	33.8 oz [1ℓ]	1 gal [3.8ℓ]	5 gal [19ℓ]
IsoCut® Fluid*	11-1193-032		11-1193-128	
Cool 2 Fluid†		41-10102	41-10103	41-10104

* Oil based coolant only for use with the IsoMet® LSS or any saw with a maximum speed of 500rpm.
† Water miscible fluid concentrate. Recommended mix ratio is 1 part Cool 2 to 30 parts water.

