

IsoCut® Wafering Blades



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The IsoCut family of wafering blades was specifically developed to section iron-, cobalt-, and nickel-based alloys and superalloys.

These thin blades provide precise sectioning capability on difficult to cut samples. The special formulation of bonded cubic boron nitride on IsoCut blades can significantly reduce your sectioning time on ferrous materials compared to conventional diamond blades. The High Concentration blades will provide even faster sectioning times. Periodic use of the 11-1190 dressing stick is recommended.

½" (12.7mm) Arbor IsoCut® Wafering Blades for IsoMet® LS, IsoMet® 1000, 2000, 4000 and 5000 Saws, 1 per box

Diameter/ Thickness	Use with Saws*	CBN - Low Concentration	CBN - High Concentration
3" (76mm)/ 0.0007" (0.2mm)	All	11-10070	
4" (102mm)/ 0.012" (0.3mm)	All	11-4264	11-5264
5" (127mm)/ 0.015" (0.4mm)	All	11-4265	11-5265
6" (152mm)/ 0.020" (0.5mm)	1k, 2k, 4k, 5k	11-4266	11-5266
7" (178mm)/ 0.025" (0.6mm)	1k, 2k, 4k, 5k	11-4267	11-5267
8" (203mm)/ 0.035" (0.9mm)	4k, 5k	11-4268	11-5268
Dressing Stick ½" x ½" x 3" (13mm x 13mm x 76mm)		11-1190	

* 1k = IsoMet 1000 2k = IsoMet 2000 4k = IsoMet 4000 5k = IsoMet 5000

Buehler Cup Grinders



Buehler Cup Grinders are designed to be used on the IsoMet® 5000 Linear Precision Saw. The cup grinders are used for automatic grinding to a target depth and for thin section preparation.

½" (12.7mm) Arbor Cup Grinders for IsoCut® 5000 Saw, 1 per box

Application	Diameter	60 Grit (P60) Al ₂ O ₃ /Vitrified	60 Grit (P60) SiC/Vitrified	240 Grit (P280) Diamond/ Resin
Ferrous Metals	6" (150mm)	11-2720^{SO}		
NonFerrous Metals	6" (150mm)		11-2730^{SO}	
Ceramic & Geological	5" (127mm)			11-2740

SO - Special Order Items may have lead times and minimum orders