



Asahi Diamond Industrial Co., Ltd.

Innovation of Dressing



Synthetic Mono-crystalline Diamond
Single-Pointed Dresser

SUTABULU

Stable dressing performance

Synthetic Mono-crystalline Diamond Single-Pointed Dresser

SUTABULU

As Asahi Diamond introduces synthetic mono-crystalline diamond to single-pointed dresser, more stable dressing-performance comparing to natural diamond dresser is available now!

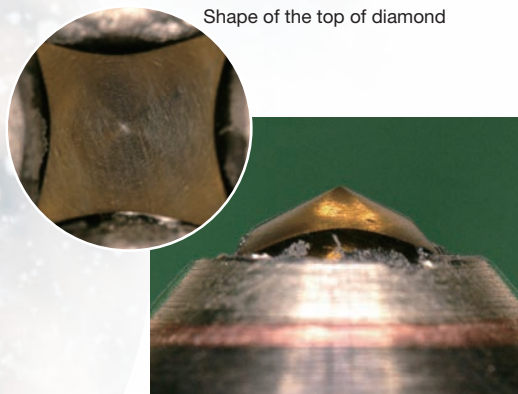


Flexible diamond edges! It matches with more number of scene of dressing!

Cone shape are also available as same as natural diamond.

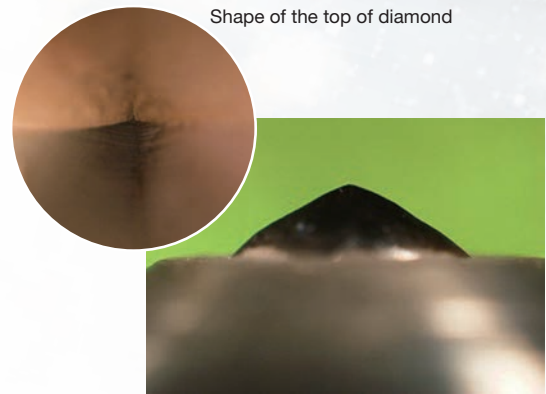
As we finish diamond edges by polishing, the shape of diamond is more stable than natural diamond.

SUTABULU (Synthetic Mono-crystalline Diamond: Simplified cone shape)



Shape of tip

Natural diamond (Normal single-pointed dresser)



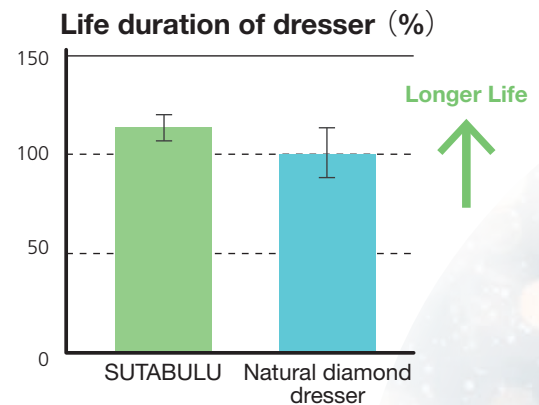
Shape of tip



Longer life comparing to natural diamond

The average life duration becomes longer than natural diamond.

Dressing conditions	
Machine	Horizontal spindle rotary table surface grinding machine
Grinding wheel	GC601/305D-5OT-127H
Rotation speed of grinding wheel	1200min ⁻¹
Cut of depth	0.04mm/φ (200pass)
Feed rate	0.15mm/rev (180mm/min)



SUTABULU (Synthetic Mono-crystalline Diamond Single-Pointed Dresser)
Standard products in stock *Simplified cone shape Non-repairable type

Item code	Dimensions	Item group	Applicable grinding wheel diameter
K01G03311S	11D-100L	6L	φ300~φ450mm
K01G03312S	12D-100L		
K01G02511S	11D-100L	5L	φ150~φ300mm
K01G02512S	12D-100L		
K01G02011S	11D-100L	4L	φ150mm or smaller
K01G02012S	12D-100L		
K01G02010S	10D-100L		

*Besides above items, other shape of diamond and shank are also available. Please contact our sales team.

Contact info.



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*The contents of this catalogue are subject to change without notice.