Barriquan®

Self-Compensating Deburring Tools

SUGINO

Built-In Float

Series

3 tool types are available

BC10-20

Surface deburring (incremental load)

BC10-10

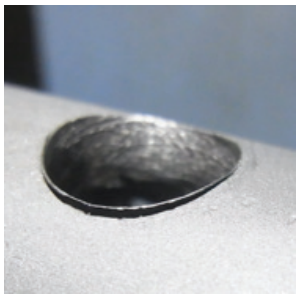
Surface deburring (exchangeable spring load)

BCT10-10

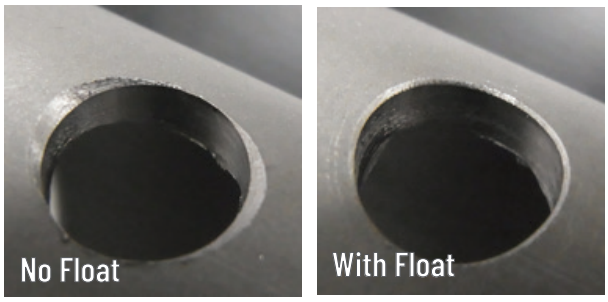
Inverted (underside) deburring

Features

Vertical compensation and variable tension allows for clean and even burr removal.



BEFORE BURR REMOVAL

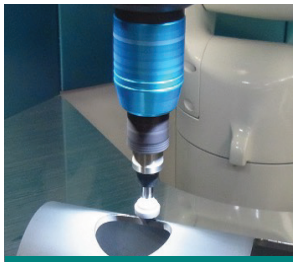


AFTER BURR REMOVAL

Recommended Burr Bit Cofigurations

For Barriquan video please visit us @ www.suginocorp.com

Application Examples



Pipe Ports/Holes

Casting Profile

Brushing Applications

Robot Applications

Pipe Port (Underside) Deburring

SPECIFICATIONS

P/N	DIMENSIONS	WEIGHT	LOAD ADJUSTMENT	PERMISSABLE SPEED	FLOAT AMOUNT	FLOAT DIRECTION	SHANK SIZE
BC10-20	1.25"ΦX4.72" (32ΦX120L)	0.84 lbs. (380g)	Incremental 16 stage dial	5000 rpm	0.394" (10mm)		0.78"ΦX1.57" (Φ20X40L)
BC10-10	0.98"ΦX3.94" (25ΦX100L)	0.31 lbs. (140g)	Exchangeable spring	8000 rpm	0.394" (10mm)		0.39"ΦX1.38" (10ΦX35L)
BCT10-10	0.98"ΦX4.33" (25ΦX110L)	0.40 lbs. (180g)	Exchangeable spring	8000 rpm	0.394" (10mm)		0.39"ΦX1.38" (10Φx35L)

NOTES

- This product is designed for normal clockwise (right-handed) rotation and feed.
- These tools are designed primarily for linear pressure. Damage to the tool could occur if an excessive radial load is applied.
- If coolant is necessary for the deburring operation, please focus the fluid on the burr bit and work piece surface. Excessive coolant on the tool body could likely lead to a future malfunction.

Contact us for questions regarding your deburring application.

SUGINO

Sugino Corp. USA

mach@suginocorp.com

www.suginocorp.com

Chicago

TEL +1-630-250-8585 / 888-SUGINO1

FAX +1-630-250-8665

Detroit

TEL +1-248-956-8320

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