

Deburring Tooling Spindle Motor Air scale Floting attachment





KREUZ Co., LTD.

Tooling for deburring

There are various methods for deburring. We provied spindle motors, air scalers and floating device to perform deburring together with cutting tool, brushs and files

Electric spindle motor



We have a lineup of drive tools that can handle various deburring such as fine burrs after machining using brushes,
rough burrs of casting materials using Φ200 grindstone,
and burrs that require multiple tools.
All products can be used with Kreuz robots,
general-purpose 6-axis robot, and various dedicated machines.

Air scaler(Air type reciprocating drive)



Air scaler is good for deburring lies burrs which is difficult to deburr with rotary tools or filing deburring brittle materials burrs at the parting line of the sand core.

Dedicated floating device

	Where to use	Flowting attachments
ing	KDM-7	FL-P
mount	KDM-30	KDM-30FS
rBody	KDM-51	KDM-51SP
Tool installatidrBody mounting	SC-70	FL-S
insta	SC-30	HL-T-002
Tool	SC-34	HL-T-004

To automated deburring, it is required to perform deburring while chasing the shape of the material. The floting device is important for chasing performance, there are 2 types, one is used attaching with the machine directly, the other is use with attachied to the tools.

%1 Main body mounting: The attachment which let drive tools itself possible to correspond to big burrs with pushing.

%2 Tool mounting: The holder which let operate deburring tools directly. It is possible to deburr at narrow position as interference of the jig is reduced.















The overload sensor can detect irregularities during deburring.

Burr stick + HL-T-004 + SC-34



Specification		
Scaler	SC-34	
Flowting holder	HL-T-004	
Took	Burr stick	
	(shank Φ2.5mm)	
Total mass	350g	
Motion	Omnidirectional	
	: 4 degree	



Dedicated floating device

FL-S

Foating device exclusive use for SC-70 ⟨FL-S The overload sensor can detect irregularities during deburring.





Specification

Construction	KSC-70 + FL-S
Total mass	4. 2kg
Motion	Maximum Φ10mm
	($\Phi5$ mm when overload detected)
Sensor	Overload sensor
Attachment	FL-S flange (can be changed
	for each mounting destination)

Product composition





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