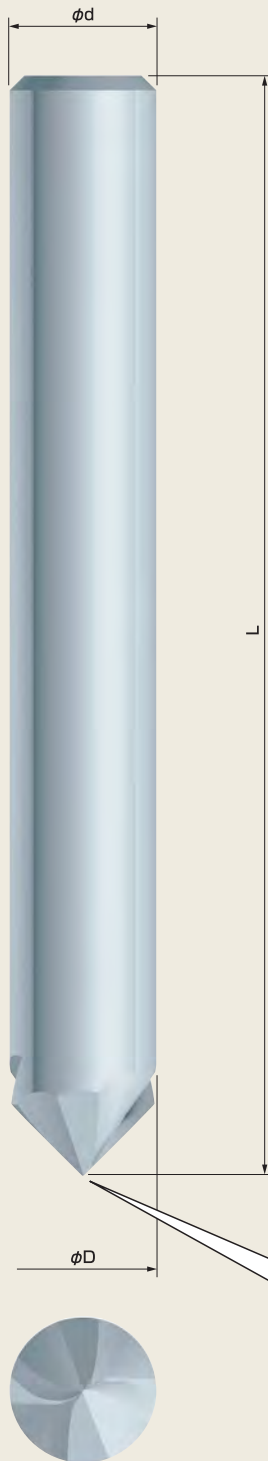


Exclusive for Aluminum processing !

- Original shaped edge provide sharp cutting without deburring
- Running cost has magnificently reduced with High Strength and No resistance
- Runout Accuracy is less than 0.005mm !



■ Material : Fine Particles Carbide

Centering



Bore chamfering



Corner chamfering



※ This tool cannot be used with Drilling Machines

Model. No.	Capacity
	Bore chamfering
AZ4-90-L60	$\phi 0.2\text{mm} \sim \phi 4\text{mm}$
AZ6-90-L75	$\phi 0.4\text{mm} \sim \phi 6\text{mm}$
AZ10-90-L75	$\phi 0.6\text{mm} \sim \phi 10\text{mm}$
AZ10-90-L120	$\phi 0.6\text{mm} \sim \phi 10\text{mm}$

Body

Model. No.	Blades	Dimensions (mm)			
		ϕD	$\phi D1$	ϕd	L
AZ4-90-L60	2	4	$\phi 0.2$	4	60
AZ6-90-L75	2	6	$\phi 0.4$	6	75
AZ10-90-L75	2	10	$\phi 0.6$	10	75
AZ10-90-L120	2	10	$\phi 0.6$	10	120

⚠ Can not regrinding !

Cutting Conditions

Material	Processing type	Rotation speed (r.p.m.)	Table feed	Coolant
Aluminum, Resin, Brass	C chamfering	7,000~10,000	1,000~2,000	YES
	Sculpture, engraving	7,000~10,000	1,000~2,000	YES
	Centering Bore chamfering	6,000	80	YES

● take lower feed rate less than 800 in case of more than C1 process

Processing Example

[Sculpturing, Engraving]

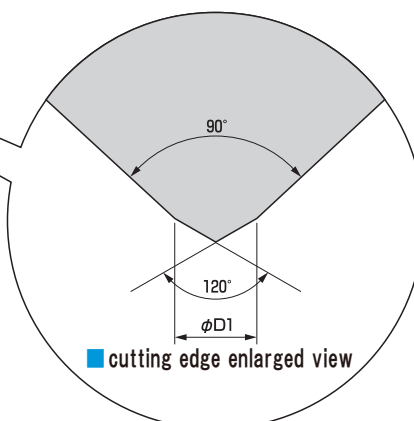
■ Body : AZ10-90-L75

● Material : A5000
A7000

- Rotation Speed : 8,000 r.p.m.
- Feed Per Blade (fz) : 0.15 mm/tooth
- Table feed : 2400 mm/min
- Cutting Depth : 0.15 mm
- Coolant : YES

Result

Good cutting, no deburring after processing



■ cutting edge enlarged view

