



abm

Grinding Technologies



DCM

HSS CIRCULAR SAWS DOUBLE SIDE
CHAMFERING GRINDING MACHINE

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DCM

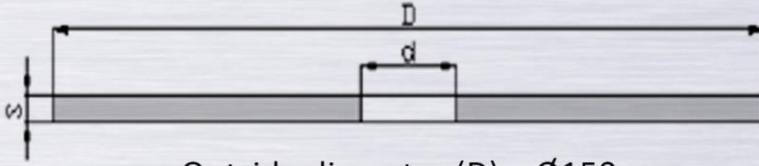
HSS CIRCULAR SAW DOUBLE SIDE CHAMFERING MACHINE

DCM is specially designed for double side chamfering operation on the teeth of HSS circular saw blades used in metal cutting.

General Specifications

- Non-corroding and hardening plating on all mechanical components.
- Independently adjustable grinding and indexing speed.
- Half enclosed cabin for operator safety.
- Simple controls for ease of use.
- Internal diagnostic.
- Rigid base.
- Ergonomic cabin for ease of loading and unloading.
- Production conformed with CE standards.

Tooth Forms



Outside diameter (D) : $\text{Ø}150\text{mm}$
Bore diameter (d): $\text{Ø}20\text{mm}$
Thickness (s): Min.3mm
Type: 1A1 Vitrikiye.

Technical Specifications

Circular Saw Outside Diameter	$\text{Ø}100\text{-}750\text{mm}$
Bore Diameter	Min $\text{Ø}16\text{mm}$
Blade Thickness	Max. 6mm
Tooth Pitch	Maks.100mm
Feeding Rate	0-25tooth/min.
Wheel Diameter	$\text{Ø}150\text{mm}$
Wheel Bore Diameter	$\text{Ø}20\text{mm}$
Wheel Thickness	Min. 3mm
Grinding Motor	1HP
Coolant Motor Capacity	55 lt/dk.
Coolant Container Capacity	~70lt.
Motor Quality	3
Connected Load	2,7kW
Voltage	380V, 3Ph, 60Hz

Hydraulic Power Unit

Hydraulic Pump Capacity	3,2 lt / min.
Working Pressure	20 Bars
Container Capacity	18 lt
Oil Type	Tellus 37
Number of Valves in use	4

Motors on the Machine

Grinding Wheel Motor – [0,75kW 2800 r.p.m.]
Hydraulic Motor – [0,75 kW 1400 r.p.m.]
Coolant Motor – [0,09 kW 2800 r.p.m.]