

EDM DRILL SERIES
ELECTRIC DISCHARGED MACHINE
SMART DRILL

**Fast drilling in
hard metals**



Features

- Small hole drilling in hard metals
- Both brass and copper electrode tubes can be used
- Granite work table ensures longer life
- L/D Ratio 80~100
- CNC Model available



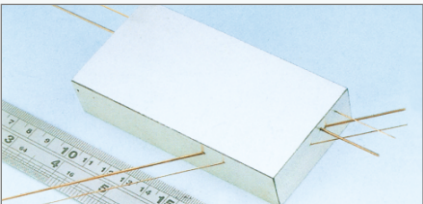
EDM DRILL SERIES

Fast drilling in hard metals

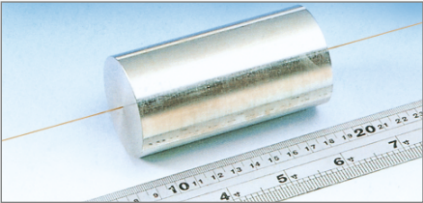
Machine Specifications	Smartdrill 4030	Smartdrill 4535	Superdrill 4535	Smartdrill 4535XL	Smartdrill 6040	Smartdrill 4030 CNC
X,Y Axis Travel (mm)	400 x 300	450 x 350	450 x 350	450 x 350	600 x 400	400 x 300
Worktable Size (WxD mm)	440 x 320	490 x 370	490 x 370	490 x 370	850 x 550	440 x 320
Job Admit (mm)	400	400	400	400	400	400
Z axis	300 + 280	380 + 280	380 + 280	350 + 200	450	300 + 280
Max. Workpiece Weight (Kg)	300	300	300	500	500	300
Electrode Diameter Range (mm)	0.3 ~ 3.0 mm	0.15 ~ 3.0 mm	0.10 ~ 3.0mm	0.3 ~ 3.0 mm	0.3 ~ 3.0 mm	0.3 ~ 3.0 mm
Max. Cutting Speed (mm/min)	20 ~ 60	20 ~ 60	20 ~ 60	20 ~ 60	20 ~ 60	20 ~ 60
Max. Coolant Pressure	6 MPA	6 MPA	6 MPA	6 MPA	6 MPA	6 MPA
Machine Weight (Kg)	650	700	700	1300	1500	650
L/D Ratio	100 from 1 mm dia onwards & 80 below 1 mm dia	100 from 1 mm dia onwards & 80 below 1 mm dia	100 from 1 mm dia onwards & 80 below 1 mm dia	100 from 1 mm dia onwards & 80 below 1 mm dia	100 from 1 mm dia onwards & 80 below 1 mm dia	100 from 1 mm dia onwards & 80 below 1 mm dia
Precision Ball Screw	YES	YES	YES	YES	YES	YES
Foot Print (WxDxH mm)	1200 x 1500 x 1900	1200 x 1500 x 1900	1200 x 1500 x 1900	1500 x 1700 x 2000	1900 x 1900 x 2000	1400 x 1700 x 1900
Control Unit						
Input Power Supply	415 VAC, 3 ph, 50 Hz					
Connected Load (KVA)	4					
Filter Unit						
Dielectric Media	D.M. Water					
Dielectric Storage Capacity (Ltrs.)	25					



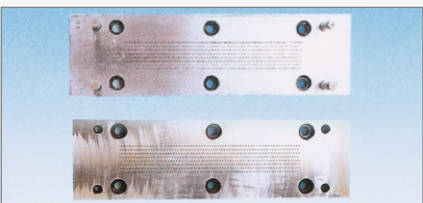
Electrode : Ø 0.3~ Ø 3.0 mm



Electrode : Ø 0.5, Ø1.0



Electrode : BS Ø 0.5



Hole : Ø 1.05 mm

electronica
Poddar Group

In keeping with our constant endeavour to meet ever-changing market needs, we reserve the right to alter or change the specifications mentioned without prior notice.

Electronica India Limited

An ISO 9001:2015 Certified Organisation

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