



Head Office: No.16 Lane 247 Sec3, Changnan Rd., Fenyuan T., Changhau Co. 502 Taiwan

Tel: +886-49-2526448 Fax: +886-49-2528092

Factory: No.126 Lane 118, Qing Gong St., Qie Lao Vil., Fenyuan T., Changhua Co. 502 Taiwan

Tel: +886-49-2529168 Fax: +886-49-2529559

Email: miyanach@ms26.hinet.net



Official Website



MIYANACH.COM **MANUFACTURER & EXPORTER**



The Catalogue

HOLE SAW

ANNULAR CUTTER

MAGNETIC DRILLING MACHINE



MIYANACH.COM **MANUFACTURER & EXPORTER**



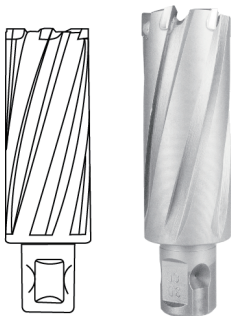


MIYANACH. CO. LTD. WAS ESTABLISHED AT CHANGHAU, TAIWAN IN 1985. WE UPHOLD THE SPIRIT OF **CONTINUOUS EXPLORING, AND **STRIVE FOR EXCELLENCE** IN OUR PRODUCTS AND TECHNOLOGIES. IN 2006, WE SET UP SECOND FACTORY, INVESTED A CONSIDERABLE SUM IN PURCHASING VARIOUS PRECISION MACHINES AND EQUIPMENTS TO ENSURE OUR PRODUCT QUALITY AND TECHNOLOGICAL ADVANCEMENT. NOW WE ARE NOT ONLY A MARKET LEADER BUT ALSO **THE BIGGEST HOLE SAW CUTTER MANUFACTURER** IN TAIWAN.**

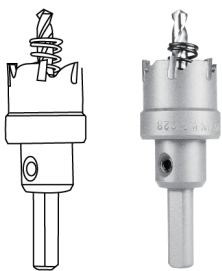
Worldwide Quality type approval and certificate:



Annular
Cutter



Hole Saw



"To meet customer's demand" is our top policy.

We keep making efforts to expand out product lines and improving our service to satisfy your particular requirements.

Meganegetic
drilling
machine



Drilling
Machine
for Pipe



Accessories





Accurate



With new equipments, the **quality** of our annular cutters becomes more stable.



New Equipment



TG-5 CNC Tool Grinder allows us to achieve **0.1 μm** precision, and improve our production efficiency.



Robot Loader allows us to load annular cutters automatically.

Accuracy

Rigidity

Efficiency



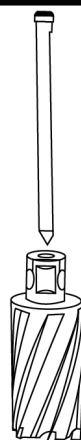
TCT ANNULAR CUTTER



TCT ANNULAR CUTTER OPERATING INSTRUCTIONS

①

Before using, insert pilot pin into TCT annular cutter.



Insert

②

Then insert into machine arbor.

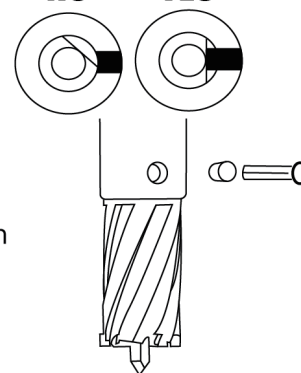


CAUTION

Hex. socket screw must come directly on the flat surface without dimple (see arrow on the second sketch), for "side lock" type cutter holders.

③

NO YES

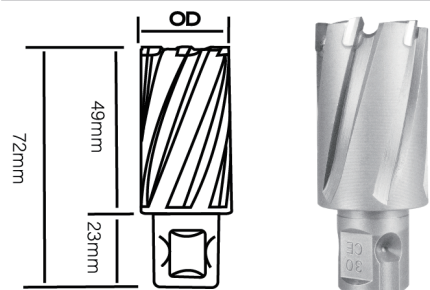


Tighten set screw on cutter flat.

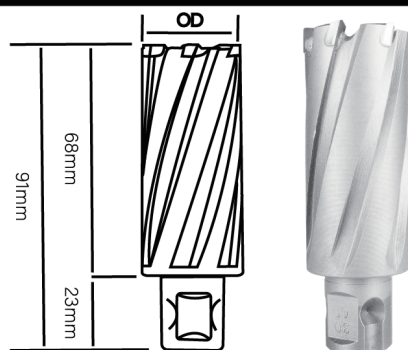
SPEED RECOMMENDATION (R.P.M Table)

Diameter Φ mm	Steel Plate	Stainless Steel	Cast Iron
13~18mm	1190~800	1000~500	1790~1390
19~25mm	1160~710	890~440	1590~1240
26~30mm	960~640	800~400	1430~1110
31~35mm	870~570	720~360	1300~1010
36~40mm	760~510	640~320	1140~890
41~50mm	640~430	530~270	950~740
51~55mm	550~360	460~230	810~630
56~60mm	480~320	400~200	710~550
61~65mm	430~280	350~170	630~490
66~70mm	380~260	320~160	570~440
71~80mm	320~220	260~120	490~360
81~90mm	260~180	200~100	420~290
91~100mm	220~150	160~90	350~190

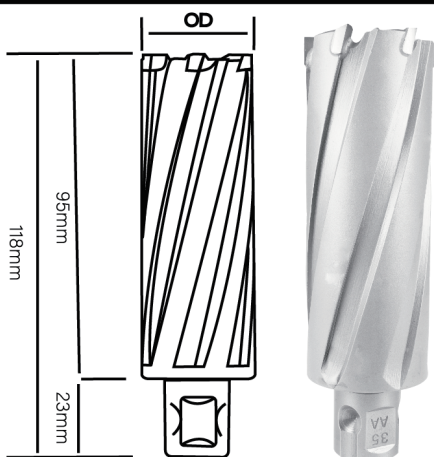
FS-350



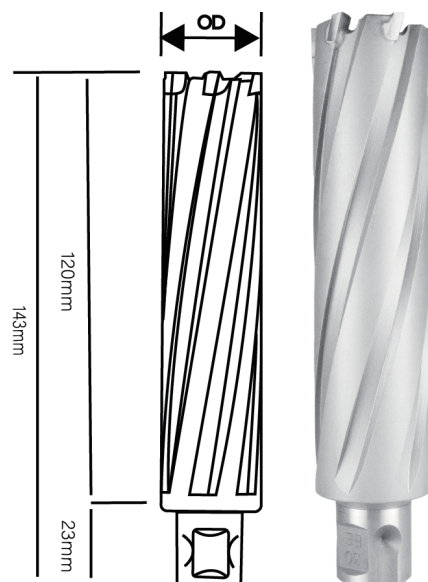
FS-500



FS-750



FS-1000



Wide range of styles
Wide range of sizes
ALL YOU CAN GET FROM US!!



3-PLY design

For lighter and faster cutting

Last longer

Tungsten carbide teeth enable faster cutting and lower wear-off than regular one.

Silk-like cutting

The special tooth arrangement makes the cutting as smooth as silk. Higher durability and less waste.

Main Applications

This metal borer is designed for the drilling on various steel materials used on the construction of high building.

On-site hole cutting in steel plates, H-Beams shapes, shaped bars, shaped steel, cast iron, steel pipe used in bridges, frame shipbuilding, framework, machinery, steel-frame shipbuilding, elevated bridges, tall building, structures, etc.

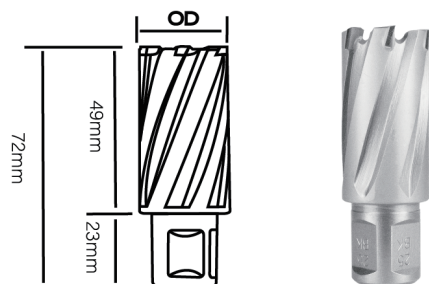
Suitable Machine

All kind of brand magnetic drilling machine. Like American, European, Japanese type or any other brand of drilling machine; general conversion machines, milling machine.



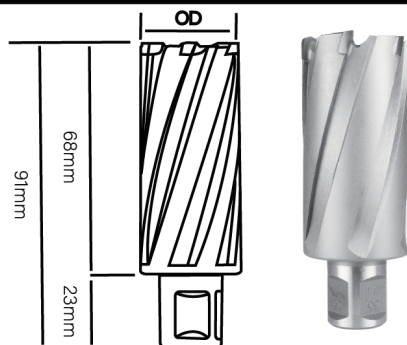
	FS-350		FS-500		FS-750		FS-1000	
Diameter	12 - 40 mm		12 - 80 mm		18- 60 mm		18- 60 mm	
mm	Series No.	Pilot Pin	Series No.	Pilot Pin	Series No.	Pilot Pin	Series No.	Pilot Pin
12	FS-350-012	6.3x91mm	FS-500-012	6.3x112mm				
13	FS-350-013	7.09x91mm	FS-500-013	7.09x112mm				
14	FS-350-014	7.09x91mm	FS-500-014	7.09x112mm				
15	FS-350-015	7.09x91mm	FS-500-015	7.09x112mm				
16	FS-350-016	7.09x91mm	FS-500-016	7.09x112mm				
17	FS-350-017	7.99x91mm	FS-500-017	7.99x112mm				
18	FS-350-018	7.99x91mm	FS-500-018	7.99x112mm	FS-750-018	7.99x140mm	FS-1000-018	7.99x140mm
19	FS-350-019	7.99x91mm	FS-500-019	7.99x112mm	FS-750-019	7.99x140mm	FS-1000-019	7.99x140mm
20	FS-350-020	7.99x91mm	FS-500-020	7.99x112mm	FS-750-020	7.99x140mm	FS-1000-020	7.99x140mm
21	FS-350-021	7.99x91mm	FS-500-021	7.99x112mm	FS-750-021	7.99x140mm	FS-1000-021	7.99x140mm
22	FS-350-022	7.99x91mm	FS-500-022	7.99x112mm	FS-750-022	7.99x140mm	FS-1000-022	7.99x140mm
23	FS-350-023	7.99x91mm	FS-500-023	7.99x112mm	FS-750-023	7.99x140mm	FS-1000-023	7.99x140mm
24	FS-350-024	7.99x91mm	FS-500-024	7.99x112mm	FS-750-024	7.99x140mm	FS-1000-024	7.99x140mm
25	FS-350-025	7.99x91mm	FS-500-025	7.99x112mm	FS-750-025	7.99x140mm	FS-1000-025	7.99x140mm
26	FS-350-026	7.99x91mm	FS-500-026	7.99x112mm	FS-750-026	7.99x140mm	FS-1000-026	7.99x140mm
27	FS-350-027	7.99x91mm	FS-500-027	7.99x112mm	FS-750-027	7.99x140mm	FS-1000-027	7.99x140mm
28	FS-350-028	7.99x91mm	FS-500-028	7.99x112mm	FS-750-028	7.99x140mm	FS-1000-028	7.99x140mm
29	FS-350-029	7.99x91mm	FS-500-029	7.99x112mm	FS-750-029	7.99x140mm	FS-1000-029	7.99x140mm
30	FS-350-030	7.99x91mm	FS-500-030	7.99x112mm	FS-750-030	7.99x140mm	FS-1000-030	7.99x140mm
31	FS-350-031	7.99x91mm	FS-500-031	7.99x112mm	FS-750-031	7.99x140mm	FS-1000-031	7.99x140mm
32	FS-350-032	7.99x91mm	FS-500-032	7.99x112mm	FS-750-032	7.99x140mm	FS-1000-032	7.99x140mm
33	FS-350-033	7.99x91mm	FS-500-033	7.99x112mm	FS-750-033	7.99x140mm	FS-1000-033	7.99x140mm
34	FS-350-034	7.99x91mm	FS-500-034	7.99x112mm	FS-750-034	7.99x140mm	FS-1000-034	7.99x140mm
35	FS-350-035	7.99x91mm	FS-500-035	7.99x112mm	FS-750-035	7.99x140mm	FS-1000-035	7.99x140mm
36	FS-350-036	7.99x91mm	FS-500-036	7.99x112mm	FS-750-036	7.99x140mm	FS-1000-036	7.99x140mm
37	FS-350-037	7.99x91mm	FS-500-037	7.99x112mm	FS-750-037	7.99x140mm	FS-1000-037	7.99x140mm
38	FS-350-038	7.99x91mm	FS-500-038	7.99x112mm	FS-750-038	7.99x140mm	FS-1000-038	7.99x140mm
39	FS-350-039	7.99x91mm	FS-500-039	7.99x112mm	FS-750-039	7.99x140mm	FS-1000-039	7.99x140mm
40	FS-350-040	7.99x91mm	FS-500-040	7.99x112mm	FS-750-040	7.99x140mm	FS-1000-040	7.99x140mm
41			FS-500-041	7.99x112mm	FS-750-041	7.99x140mm	FS-1000-041	7.99x140mm
42			FS-500-042	7.99x112mm	FS-750-042	7.99x140mm	FS-1000-042	7.99x140mm
43			FS-500-043	7.99x112mm	FS-750-043	7.99x140mm	FS-1000-043	7.99x140mm
44			FS-500-044	7.99x112mm	FS-750-044	7.99x140mm	FS-1000-044	7.99x140mm
45			FS-500-045	7.99x112mm	FS-750-045	7.99x140mm	FS-1000-045	7.99x140mm
46			FS-500-046	7.99x112mm	FS-750-046	7.99x140mm	FS-1000-046	7.99x140mm
47			FS-500-047	7.99x112mm	FS-750-047	7.99x140mm	FS-1000-047	7.99x140mm
48			FS-500-048	7.99x112mm	FS-750-048	7.99x140mm	FS-1000-048	7.99x140mm
49			FS-500-049	7.99x112mm	FS-750-049	7.99x140mm	FS-1000-049	7.99x140mm
50			FS-500-050	7.99x112mm	FS-750-050	7.99x140mm	FS-1000-050	7.99x140mm
51			FS-500-051	7.99x112mm	FS-750-051	7.99x140mm	FS-1000-051	7.99x140mm
52			FS-500-052	7.99x112mm	FS-750-052	7.99x140mm	FS-1000-052	7.99x140mm
53			FS-500-053	7.99x112mm	FS-750-053	7.99x140mm	FS-1000-053	7.99x140mm
54			FS-500-054	7.99x112mm	FS-750-054	7.99x140mm	FS-1000-054	7.99x140mm
55			FS-500-055	7.99x112mm	FS-750-055	7.99x140mm	FS-1000-055	7.99x140mm
56			FS-500-056	7.99x112mm	FS-750-056	7.99x140mm	FS-1000-056	7.99x140mm
57			FS-500-057	7.99x112mm	FS-750-057	7.99x140mm	FS-1000-057	7.99x140mm
58			FS-500-058	7.99x112mm	FS-750-058	7.99x140mm	FS-1000-058	7.99x140mm
59			FS-500-059	7.99x112mm	FS-750-059	7.99x140mm	FS-1000-059	7.99x140mm
60			FS-500-060	7.99x112mm	FS-750-060	7.99x140mm	FS-1000-060	7.99x160mm
61			FS-500-061	7.99x112mm				
62			FS-500-062	7.99x112mm				
63			FS-500-063	7.99x112mm				
64			FS-500-064	7.99x112mm				
65			FS-500-065	7.99x112mm				
66			FS-500-066	7.99x112mm				
67			FS-500-067	7.99x112mm				
68			FS-500-068	7.99x112mm				
69			FS-500-069	7.99x112mm				
70			FS-500-070	7.99x112mm				
71			FS-500-071	7.99x112mm				
72			FS-500-072	7.99x112mm				
73			FS-500-073	7.99x112mm				
74			FS-500-074	7.99x112mm				
75			FS-500-075	7.99x112mm				
76			FS-500-076	7.99x112mm				
77			FS-500-077	7.99x112mm				
78			FS-500-078	7.99x112mm				
79			FS-500-079	7.99x112mm				
80			FS-500-080	7.99x112mm				

CT-350

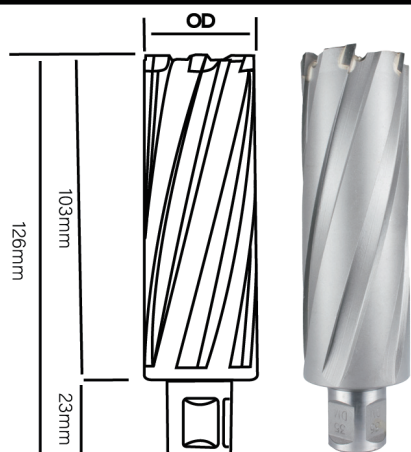


European Made Tips
Keep Longer Life Time Cutting

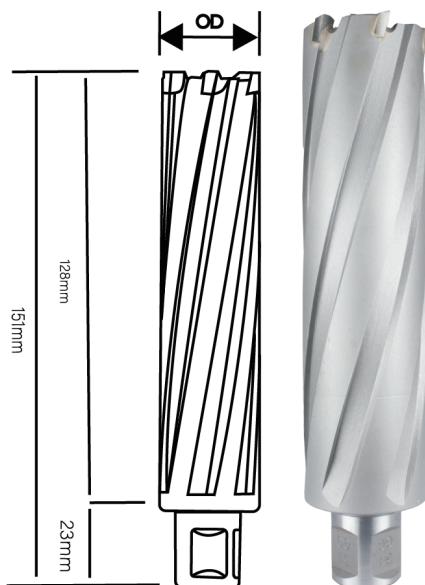
CT-500



CT-850



CT-1100



FS VS. CT

FS series is with tri-ball channels.

CT series is with weldon shank double-flat surface.

RC Series

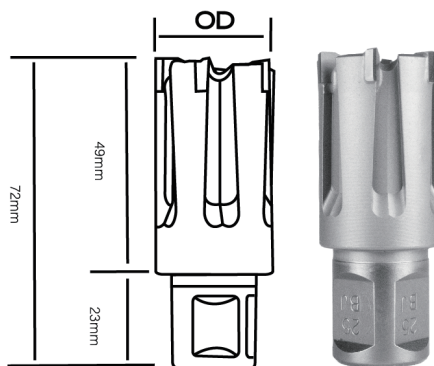
Main Application

This metal borer is designed paricularly for the drilling on **railroad** and Highway maintenance.

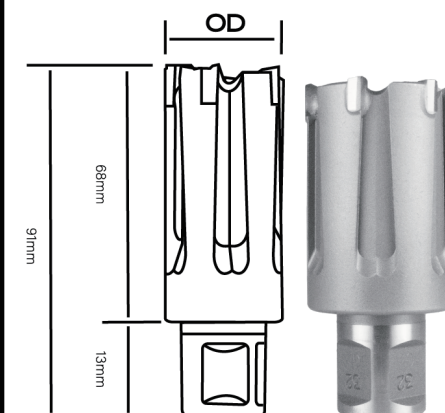
Suitable Machine

All brand of rail drilling machine

RC-250



RC-350





	CT-350		CT-500		CT-850		CT-1100		RC-250		RC-350	
Diameter	12 - 40 mm		12 - 80 mm		18- 60 mm		18- 60 mm		18- 36 mm		18- 36 mm	
mm	Series No.	Pilot Pin	Series No.	Pilot Pin	Series No.	Pilot Pin	Series No.	Pilot Pin	Series No.	Pilot Pin	Series No.	Pilot Pin
12	CT-350-012	6.3x91mm	CT-500-012	6.3x112mm								
13	CT-350-013	7.09x91mm	CT-500-013	7.09x112mm								
14	CT-350-014	7.09x91mm	CT-500-014	7.09x112mm								
15	CT-350-015	7.09x91mm	CT-500-015	7.09x112mm								
16	CT-350-016	7.09x91mm	CT-500-016	7.09x112mm								
17	CT-350-017	7.99x91mm	CT-500-017	7.99x112mm								
18	CT-350-018	7.99x91mm	CT-500-018	7.99x112mm	CT-850-018	7.99x140mm	CT-1100-018	7.99x140mm	RC-250-018	7.99x76mm	RC-350-018	7.99x76mm
19	CT-350-019	7.99x91mm	CT-500-019	7.99x112mm	CT-850-019	7.99x140mm	CT-1100-019	7.99x140mm	RC-250-019	7.99x76mm	RC-350-019	7.99x76mm
20	CT-350-020	7.99x91mm	CT-500-020	7.99x112mm	CT-850-020	7.99x140mm	CT-1100-020	7.99x140mm	RC-250-020	7.99x76mm	RC-350-020	7.99x76mm
21	CT-350-021	7.99x91mm	CT-500-021	7.99x112mm	CT-850-021	7.99x140mm	CT-1100-021	7.99x140mm	RC-250-021	7.99x76mm	RC-350-021	7.99x76mm
22	CT-350-022	7.99x91mm	CT-500-022	7.99x112mm	CT-850-022	7.99x140mm	CT-1100-022	7.99x140mm	RC-250-022	7.99x76mm	RC-350-022	7.99x76mm
23	CT-350-023	7.99x91mm	CT-500-023	7.99x112mm	CT-850-023	7.99x140mm	CT-1100-023	7.99x140mm	RC-250-023	7.99x76mm	RC-350-023	7.99x76mm
24	CT-350-024	7.99x91mm	CT-500-024	7.99x112mm	CT-850-024	7.99x140mm	CT-1100-024	7.99x140mm	RC-250-024	7.99x76mm	RC-350-024	7.99x76mm
25	CT-350-025	7.99x91mm	CT-500-025	7.99x112mm	CT-850-025	7.99x140mm	CT-1100-025	7.99x140mm	RC-250-025	7.99x76mm	RC-350-025	7.99x76mm
26	CT-350-026	7.99x91mm	CT-500-026	7.99x112mm	CT-850-026	7.99x140mm	CT-1100-026	7.99x140mm	RC-250-026	7.99x76mm	RC-350-026	7.99x76mm
27	CT-350-027	7.99x91mm	CT-500-027	7.99x112mm	CT-850-027	7.99x140mm	CT-1100-027	7.99x140mm	RC-250-027	7.99x76mm	RC-350-027	7.99x76mm
28	CT-350-028	7.99x91mm	CT-500-028	7.99x112mm	CT-850-028	7.99x140mm	CT-1100-028	7.99x140mm	RC-250-028	7.99x76mm	RC-350-028	7.99x76mm
29	CT-350-029	7.99x91mm	CT-500-029	7.99x112mm	CT-850-029	7.99x140mm	CT-1100-029	7.99x140mm	RC-250-029	7.99x76mm	RC-350-029	7.99x76mm
30	CT-350-030	7.99x91mm	CT-500-030	7.99x112mm	CT-850-030	7.99x140mm	CT-1100-030	7.99x140mm	RC-250-030	7.99x76mm	RC-350-030	7.99x76mm
31	CT-350-031	7.99x91mm	CT-500-031	7.99x112mm	CT-850-031	7.99x140mm	CT-1100-031	7.99x140mm	RC-250-031	7.99x76mm	RC-350-031	7.99x76mm
32	CT-350-032	7.99x91mm	CT-500-032	7.99x112mm	CT-850-032	7.99x140mm	CT-1100-032	7.99x140mm	RC-250-032	7.99x76mm	RC-350-032	7.99x76mm
33	CT-350-033	7.99x91mm	CT-500-033	7.99x112mm	CT-850-033	7.99x140mm	CT-1100-033	7.99x140mm	RC-250-033	7.99x76mm	RC-350-033	7.99x76mm
34	CT-350-034	7.99x91mm	CT-500-034	7.99x112mm	CT-850-034	7.99x140mm	CT-1100-034	7.99x140mm	RC-250-034	7.99x76mm	RC-350-034	7.99x76mm
35	CT-350-035	7.99x91mm	CT-500-035	7.99x112mm	CT-850-035	7.99x140mm	CT-1100-035	7.99x140mm	RC-250-035	7.99x76mm	RC-350-035	7.99x76mm
36	CT-350-036	7.99x91mm	CT-500-036	7.99x112mm	CT-850-036	7.99x140mm	CT-1100-036	7.99x140mm	RC-250-036	7.99x76mm	RC-350-036	7.99x76mm
37	CT-350-037	7.99x91mm	CT-500-037	7.99x112mm	CT-850-037	7.99x140mm	CT-1100-037	7.99x140mm				
38	CT-350-038	7.99x91mm	CT-500-038	7.99x112mm	CT-850-038	7.99x140mm	CT-1100-038	7.99x140mm				
39	CT-350-039	7.99x91mm	CT-500-039	7.99x112mm	CT-850-039	7.99x140mm	CT-1100-039	7.99x140mm				
40	CT-350-040	7.99x91mm	CT-500-040	7.99x112mm	CT-850-040	7.99x140mm	CT-1100-040	7.99x140mm				
41			CT-500-041	7.99x112mm	CT-850-041	7.99x140mm	CT-1100-041	7.99x140mm				
42			CT-500-042	7.99x112mm	CT-850-042	7.99x140mm	CT-1100-042	7.99x140mm				
43			CT-500-043	7.99x112mm	CT-850-043	7.99x140mm	CT-1100-043	7.99x140mm				
44			CT-500-044	7.99x112mm	CT-850-044	7.99x140mm	CT-1100-044	7.99x140mm				
45			CT-500-045	7.99x112mm	CT-850-045	7.99x140mm	CT-1100-045	7.99x140mm				
46			CT-500-046	7.99x112mm	CT-850-046	7.99x140mm	CT-1100-046	7.99x140mm				
47			CT-500-047	7.99x112mm	CT-850-047	7.99x140mm	CT-1100-047	7.99x140mm				
48			CT-500-048	7.99x112mm	CT-850-048	7.99x140mm	CT-1100-048	7.99x140mm				
49			CT-500-049	7.99x112mm	CT-850-049	7.99x140mm	CT-1100-049	7.99x140mm				
50			CT-500-050	7.99x112mm	CT-850-050	7.99x140mm	CT-1100-050	7.99x140mm				
51			CT-500-051	7.99x112mm	CT-850-051	7.99x140mm	CT-1100-051	7.99x140mm				
52			CT-500-052	7.99x112mm	CT-850-052	7.99x140mm	CT-1100-052	7.99x140mm				
53			CT-500-053	7.99x112mm	CT-850-053	7.99x140mm	CT-1100-053	7.99x140mm				
54			CT-500-054	7.99x112mm	CT-850-054	7.99x140mm	CT-1100-054	7.99x140mm				
55			CT-500-055	7.99x112mm	CT-850-055	7.99x140mm	CT-1100-055	7.99x140mm				
56			CT-500-056	7.99x112mm	CT-850-056	7.99x140mm	CT-1100-056	7.99x140mm				
57			CT-500-057	7.99x112mm	CT-850-057	7.99x140mm	CT-1100-057	7.99x140mm				
58			CT-500-058	7.99x112mm	CT-850-058	7.99x140mm	CT-1100-058	7.99x140mm				
59			CT-500-059	7.99x112mm	CT-850-059	7.99x140mm	CT-1100-059	7.99x140mm				
60			CT-500-060	7.99x112mm	CT-850-060	7.99x140mm	CT-1100-060	7.99x160mm				
61			CT-500-061	7.99x112mm								
62			CT-500-062	7.99x112mm								
63			CT-500-063	7.99x112mm								
64			CT-500-064	7.99x112mm								
65			CT-500-065	7.99x112mm								
66			CT-500-066	7.99x112mm								
67			CT-500-067	7.99x112mm								
68			CT-500-068	7.99x112mm								
69			CT-500-069	7.99x112mm								
70			CT-500-070	7.99x112mm								
71			CT-500-071	7.99x112mm								
72			CT-500-072	7.99x112mm								
73			CT-500-073	7.99x112mm								
74			CT-500-074	7.99x112mm								
75			CT-500-075	7.99x112mm								
76			CT-500-076	7.99x112mm								
77			CT-500-077	7.99x112mm								
78			CT-500-078	7.99x112mm								
79			CT-500-079	7.99x112mm								
80			CT-500-080	7.99x112mm								



L I G H T F O R C E

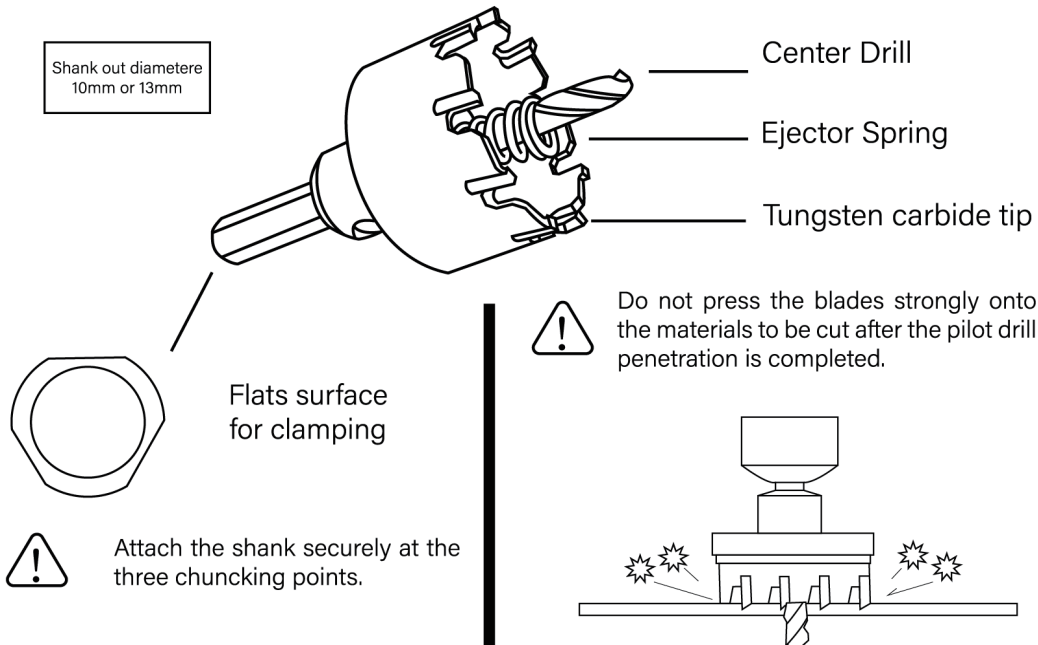
E A S Y T O O P E R A T E



**TCT HOLE
SAW**



TCT HOLE SAW OPERATING INSTRUCTIONS



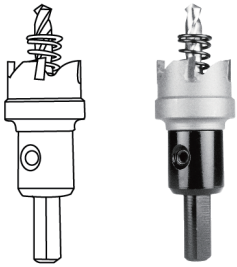
SPEED RECOMMENDATION (R.P.M Table)

Diameter Φ mm	Steel Plate	Stainless Steel	Cast Iron
14~19mm	1190~800	1000~500	1790~1390
20~30mm	1160~710	890~440	1590~1240
31~40mm	960~640	800~400	1430~1110
41~50mm	870~570	720~360	1300~1010
51~60mm	760~510	640~320	1140~890
61~70mm	640~430	530~270	950~740
71~80mm	550~360	460~230	810~630
81~90mm	480~320	400~200	710~550
91~100mm	430~280	350~170	630~490
101~120mm	380~260	320~160	570~440
121~150mm	200~100	120~60	390~280

Applied machine

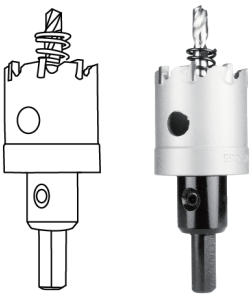


FS-22 (1-ply)



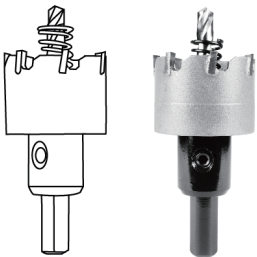
Type	Stopper & Assemble
Depth of cut	5mm

FS-22L (2-ply)



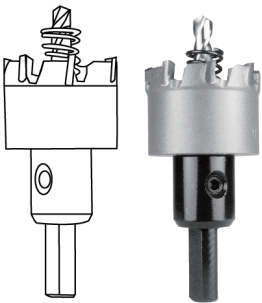
Type	Stopper & Assemble
Depth of cut	5mm

ML-26 (1-ply)



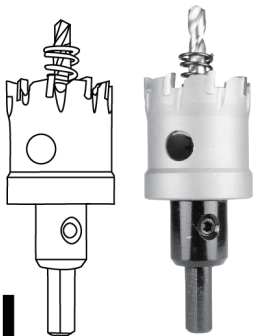
Type	Pass through max. 50mm & Assemble
Depth of cut	5mm

DP-50 (2-ply)



Type	Pass through max. 50mm & Assemble
Depth of cut	5mm

DP-50L (2-ply)

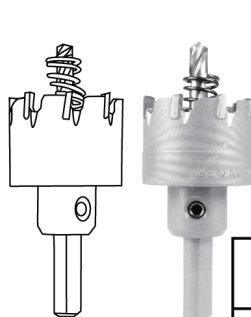


Type	Stopper, Flute & Assemble
Depth of cut	5mm

TOOL SPECIFICATION

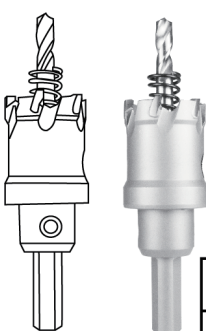
FS-22			FS-22L		ML-26	
Diameter	15 - 100 mm		15 - 100 mm		15 - 100 mm	
	Series No.	Shank Diameter	Series No.	Shank Diameter	Series No.	Shank Diameter
15 - 42mm	FS-22-015 FS-22-042	10mm	FS-22L-015 FS-22L-042	10mm	ML-26-015 ML-26-042	10mm
43 - 100mm	FS-22-043 FS-22-100	13mm	FS-22L-043 FS-22L-100	13mm	ML-26-043 ML-26-100	13mm
	DP-50		DP-50L		PLD-52	
Diameter	15 100 mm		15- 100 mm		15- 100 mm	
	Series No.	Shank Diameter	Series No.	Shank Diameter	Series No.	Shank Diameter
15 - 42mm	DP-50-015 DP-50-042	10mm	DP-50L-015 DP-50L-042	10mm	PLD-52-015 PLD-52-042	10mm
43 - 100mm	DP-50-043 DP-50-100	13mm	DP-50L-043 DP-50L-100	13mm	PLD-52-043 PLD-52-100	13mm
	PLD-250					
Diameter	15 100 mm					
	Series No.	Shank Diameter				
15 - 42mm	PLD-250-015 PLD-250-042	10mm				
43 - 100mm	PLD-250-015 PLD-250-042	13mm				

PLD-52 (2-ply)



Type	Pass through max. 50mm, Coated TiN, One Piece
Depth of cut	5mm

PLD-250 (3-ply)



Type	Stopper & One piece
Depth of cut	25mm



PL-13 (1-ply)

PL-13			PL-22		PL-28	
Diameter	15 - 40 mm		15 - 100 mm		15 - 100 mm	
	Series No.	Shank Diameter	Series No.	Shank Diameter	Series No.	Shank Diameter
15 - 42mm	FS-22-015 FS-22-040	10mm	PL-22-015 PL-22-042	10mm	PL-28-015 PL-28-042	10mm
43 - 100mm	X	X	PL-22-043 PL-22-100	13mm	PL-28-043 PL-28-100	13mm
PL-52			HS-16			
Diameter	15 - 100 mm		13 - 76 mm			
	Series No.	Shank Diameter	Series No.	Shank Diameter		
15 - 42mm	PL-52-015 PL-52-042	10mm	HS-16-013 HS-16-042	10mm		
43 - 100mm	PL-52-043 PL-52-100	13mm	HS-16-043 HS-16-076	13mm		
PL-13B			ML-26B			
Diameter	15 - 40 mm		15 - 40 mm			
	Series No.	Shank Diameter	Series No.	Shank Diameter		
15 - 40mm	PL-13B-015 PL-13B-040	10mm	ML-26B-015 ML-26B-042	10mm		

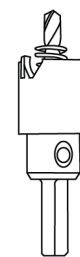
Main Applications

Stainless steel, alloy steel, copper, aluminum, brass, square wares, cast irons, channel iron, iron plates, F,R,P, formed products, electrical controller box and any kind of metal working jobs.

- Stainless steel conversions, doors & windows, stairs rails, railing, screen doors, locks.
- Manufacture of aluminum doors & windows, stairs rils, railings, screen doors, locks.
- Manufacture of aluminum doors & windows.
- Plumbing works, building A/C works.
- Opening in machines, electrical control boxes.
- Yachiht building, ship-building industry, F,R,P, industry.

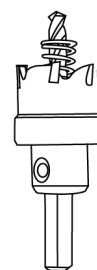
Suitable Machine

- Electrical drills
- Drilling presses.
- Magnetic drilling presses



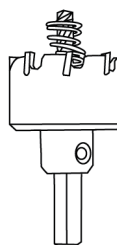
Type	One piece
Depth of cut	3mm

PL-22 (1-ply)



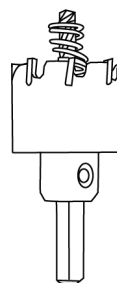
Type	Stopper & One piece
Depth of cut	5mm

PL-28 (1-ply)



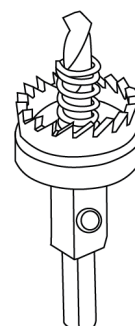
Type	Pass through max. 50mm, Coated TiN, One Piece
Depth of cut	5mm

PL-52 (2-ply)



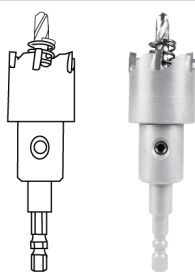
Type	Pass through max. 50mm, Coated TiN, One Piece
Depth of cut	5mm

HS-16

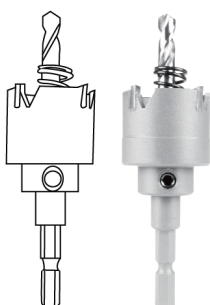


Type	Stopper & Assemble
Depth of cut	1.6mm

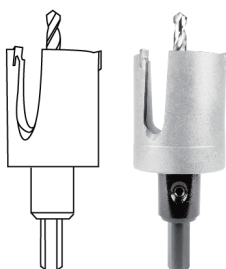
PL-13B



ML-26B



AW-360



MODEL	AW-360
CUTTING DEPTH	36MM
AVAILABLE DIAMETER	20 -100MM

TCT CORDLESS DRILL BITS HOLE SAW

Features

1. Up to 150 holes per cutter in stainless steel.
2. Engineering for cutting thin materials up to 3 mm.
3. Designed with 3 carbide teeth and thinner walls to reduce friction.
4. Ideal for cordless tools.
5. Cut stainless steel, sheet metal and tubing.

Main Application

Junction/ Switch boxes
Metal studs
Electrical Appliances
Lighting Fixtures
Auto Body Repair

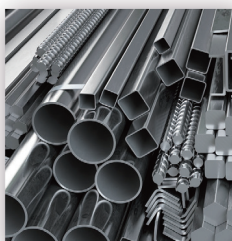


TCT WOOD HOLE SAW

Use on following machines

- **Pillar drilling machines up to 60 mm in wood.**
- **Portable drilling machines up to 60 mm in wood.**

Available working sheet



**non ferrous
metals(aluminum)
up to 36mm/60mm**



**wood up to
36mm/60mm**



**plastics up to
36mm/60mm**



TCT HOLE SAW KITS

QUICK IN KITS



Features

1. Use same arbor for different-size saw heads.
2. Change saw heads with a simple push and turn the screw to be fixed.
3. H.S.S center drill is replaceable.
4. Arbor's shank drill is replaceable.
5. Spring can help slug removal.

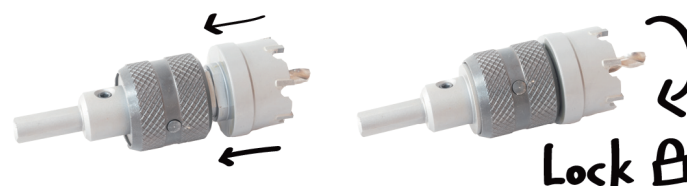
The Kit Content

Saw heads:

	(mm)						
A Kit	19	22	25	28	30	32	35
B Kit	30	32	35	38	40	45	51
C Kit	19	22	25	28	35	45	51

*Saw heads can do identical or different size.

Arbor and spring :	1	PC
H.S.S center pilot drill :	2	PCS
Hex spanner (2.5mm) :	1	PC
Hex spanner (4.0mm) :	1	PC



Features

1. Quick Change Arbor
2. Flange Stop
3. Ejector spring
4. Long life-time

Cutting Depth & Application

Cuts quick precise holes in stainless steel, mild steel, iron, copper, and broadsheet up to 3/16" (5mm) thick.

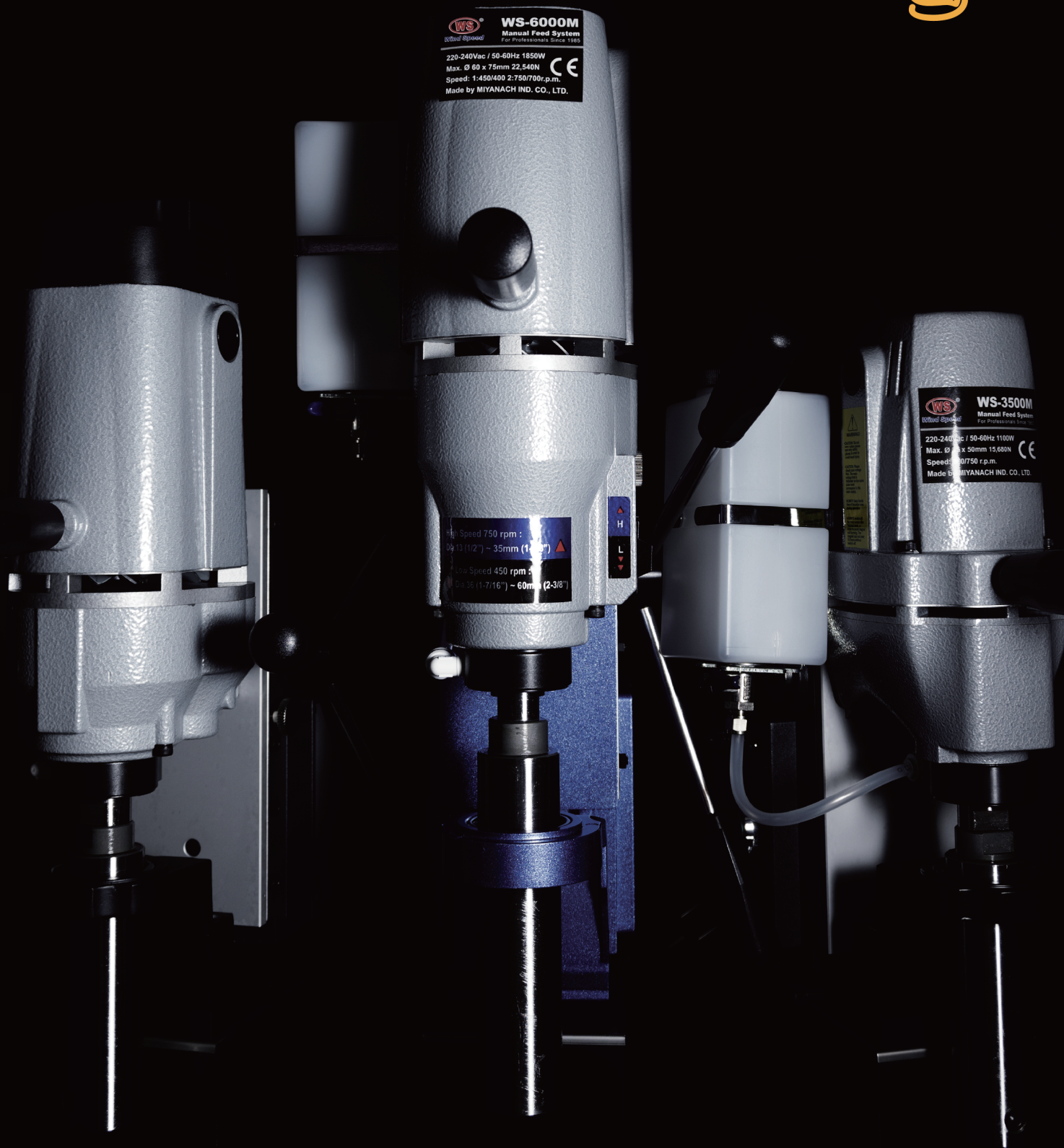
The Kit Content

7 Piece Hole Saw Kit:

3/4", 7/8", 1", 1-1/8", 1-3/8", 1-3/4", 2"

Quick change arbor :	1	PC
Pilot drill :	2	PCS
Spring :	2	PC
Hex Key :	2	PC

New model New Design





WS-3500M



WS-4500M



Machine Specitication

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	10A	5A
Motor Rated Power Consumption	1000W	
No-load Speed	780 RPM	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	100mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	38W	
Magnet Adhesion	15680N/KGF	
Magnet Dimensions	188mm x 86mm x 56mm	
Weight	14KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	13-35mm	9-50mm
Twist Drill	1-13mm	

Machine Specitication

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	15A	7.5A
Motor Rated Power Consumption	1850W	
No-load Speed	650~720RPM	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	100mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	38W	
Magnet Adhesion	15680N/1600KGF	
Magnet Dimensions	188 x 86mm x 56mm	
Weight	15KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	18-45mm	9-50mm
Drill Chunch & Twist Drill	Maximum Outer Diameter 13mm	
Special Adaptor & Twist Drill	6-12mm	

WS-6000M



Machine Specification

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	20A	10A
Motor Rated Power Consumption	2050W	
No-load Speed	High Speed 750rpm	Dia.13(1/2")~35mm(1-3/8")
	Low Speed 450rpm	Dia.36(1-7/16")~60mm(2-3/8")
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	135mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	85W	
Magnet Adhesion	22540N/2300KGF	
Magnet Dimensions	210MM X 100MM X 64MM	
Weight	23KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	18-60mm	6-75mm
Twist Drill	1-13mm	

WS-6025MT



Machine Specification

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	20A	10A
Motor Rated Power Consumption	2050W	
No-load Speed	High Speed 730rpm dia.13(1/2")~35mm(1-3/8")	
	Low Speed 400rpm dia.36(1-7/16")~60mm(2-3/8")	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	150mm(without	
Coolant Supply	via tool Holder	
Magnet Power Consumption	85W	
Magnet Adhesion	22540N/2300KGF	
Magnet Dimensions	210MM X 100MM X 64MM	
Weight	26KG	
Hole-Cutting Capacity		
MT3 (Morse Taper) with annular cutter holder	Out Diameter	Plate Thickness
	18-60mm	6-50mm
MT3 (Morse Taper) with drill cutter holder	Jacobs Taper	Drill Chuck Max. Diameter
	JT6	16mm
Twist Drill	Max. Dia. 25mm	
Noss Straight Shank Twist Drill	Shank 1/2", Max. Outer Dia. 16mm	

Aluminum Plate
Make It Easy to
move.



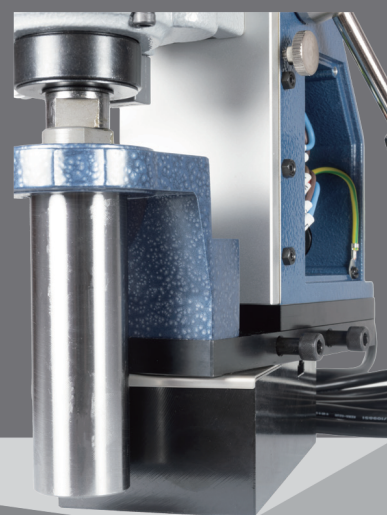
New Concept Make Hard work Easy

Uncrew
to
move



3500/4500PM
Turn ± 12 Degree

6000/6025PM
Turn ± 18 Degree



10mm

Move Forward

CAUTION

For your own safety,
better to screw both
screws tightly before
drilling.

BECOME FLEXIBLE

WS-3500PM



Highest 490mm
Lowest 390mm

WS-4500PM



Highest 560mm
Lowest 450mm

Machine Specitication

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	10A	5A
Motor Rated Power Consumption	1000W	
No-load Speed	780 RPM	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	100mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	38W	
Magnet Adhesion	15680N/KGF	
Magnet Dimensions	188mm x 86mm x 56mm	
Weight	14KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	13-35mm	9-50mm
Twist Drill	1-13mm	

Machine Specitication

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	15A	7.5A
Motor Rated Power Consumption	1850W	
No-load Speed	650~720RPM	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	100mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	38W	
Magnet Adhesion	15680N/1600KGF	
Magnet Dimensions	188 x 86mm x 56mm	
Weight	15KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	18-45mm	9-50mm
Drill Chunch & Twist Drill	Maximum Outer Diameter 13mm	
Special Adaptor & Twist Drill	6-12mm	



WS-6000PM



Machine Specification

Voltage (Single Phase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	20A	10A
Motor Rated Power Consumption	2050W	
No-load Speed	High Speed 750rpm Dia. 13(1/2")~35mm(1-3/8")	
	Low Speed 450rpm Dia. 36(1-7/16")~60mm(2-3/8")	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	135mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	85W	
Magnet Adhesion	22540N/2300KGF	
Magnet Dimensions	210MM X 100MM X 64MM	
Weight	23KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	18-60mm	6-75mm
Twist Drill	1-13mm	

WS-6025PMT



Machine Specification

Voltage (Single Phase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	20A	10A
Motor Rated Power Consumption	2050W	
No-load Speed	High Speed 730rpm	Dia. 13(1/2")~35mm(1~3/8")
	Low Speed 400rpm	Dia. 36(1-7/16")~60mm(2~3/8")
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	150mm(without	
Coolant Supply	via tool Holder	
Magnet Power Consumption	85W	
Magnet Adhesion	22540N/2300KGF	
Magnet Dimensions	210MM X 100MM X 64MM	
Weight	26KG	
Hole-Cutting Capacity		
MT3 (Morse Taper) with annular cutter holder	Out Diameter	Plate Thickness
	18-60mm	6-50mm
MT3 (Morse Taper) with drill cutter holder	Jacobs Taper	Drill Chuck Max. Diameter
	JT6	16mm
Twist Drill	Max. Dia. 25mm	
Noss Straight Shank Twist Drill	Shank 1/2", Max. Outer Dia. 16mm	

Models For Pipe

Pipe Diameter:
32mm-200mm

TCT Hole Cutter
13-100mm

Bi-Metal Hole Cutter
32-100mm

TCT or H.S.S
Annular Cutters
Need Special Holder.

check for
balance





WS-3500CH



Highest 480mm
Lowest 375mm

Machine Specitication

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	10A	5A
Motor Rated Power Consumption	1000W	
No-load Speed	780 RPM	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	100mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	x	
Magnet Adhesion	x	
Magnet Dimensions	x	
Weight	14KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	13-35mm	9-50mm
Twist Drill	1-13mm	

WS-4500CH



Highest 520mm
Lowest 420mm

Machine Specitication

Voltage (Single Phrase)	100~120V AC 50/60HZ	220~240V AC 50/60HZ
Motor Rated Ampere	15A	7.5A
Motor Rated Power Consumption	1850W	
No-load Speed	650~720RPM	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for Max. Stroke	100mm	
Coolant Supply	via tool Holder	
Magnet Power Consumption	x	
Magnet Adhesion	x	
Magnet Dimensions	x	
Weight	15KG	
Hole-Cutting Capacity		
Annular Cutter	Out Diameter	Plate Thickness
	18-45mm	9-50mm
Drill Chunch & Twist Drill	Maximum Outer Diameter 13mm	
Special Adaptor & Twist Drill	6-12mm	

MT-2



MT-3



Tool Holder

Features

- 1. To increase the working performance with a water-cooling device.
- 2. It's good offer processing a big diameter, and can cahnge the cutrter easily and quickly.

Main Application

It's applicable to an electric drill, a milling machine and a magnetic drilling machine.

Content

Pilot Pin 7.99x91mm	1PC
Pilot Pin 7.99x112.4mm	1PC
Hex. Spanner	1PC
Fixed screw	1PC

(mm)	Length	Capacity	Adaptor Connection
MT-2	165	14-50	OD 19.05
MT-3	185	14-60	OD 19.05

AD-19W



AD-19Q



Machine Adaptors

Features

- 1. One Touch and Weldon Shank two types design for suitable with different brand of manetic base drilling machine.
- 2. It can fit for Max. 13mm drill chunk.
- 3. It is particularly easy to change twist drill for below 13mm and no need to change with machine tool holder.

(mm)	Capacity	Adaptor Connection	Type of Shank	Screw Connection
AD-19W	Max. 13	OD 19.05	Weldon Shank	1/2" x 20UNF
AD-19Q	Max. 13	OD 19.05	One Touch Shank	1/2" x 20UNF

TDAQ



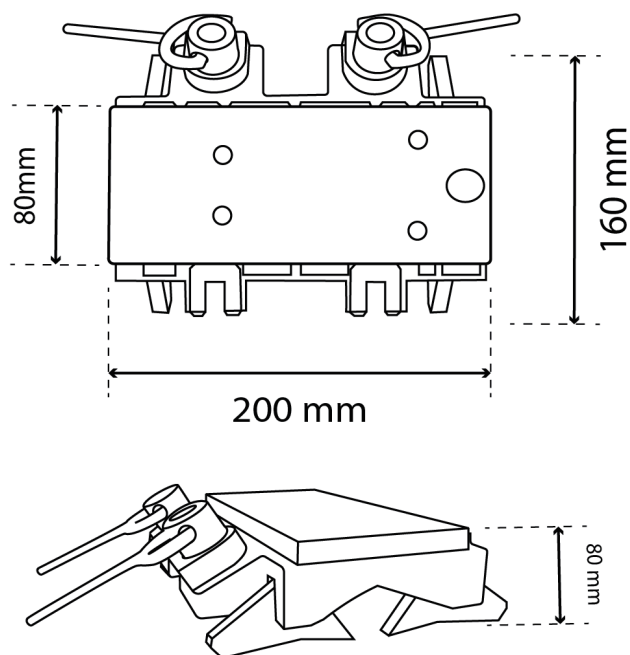
Features

- 1. One Touch and Weldon Shank two types design for suitable with different brand of magnetic base drilling machine.
- 2. Use steel drill bit material that cut with harder material steel structure beam.
- 3. It is easy to change twisat drill for below 14mm and no need to change with machine tool holder.

Part NO. of Adaptor Part NO. of Twist Drill	Inner Dia Connection	Shank Connection	Length of Twist Drill	Length of Adaptor	Overall Length after set up
TDAQ-1906~1914 TDQ-6706~6714	6mm~14mm	19.05mm	67mm	45mm	83mm



CHAD-35



CHAIN PIPE CLAMP ADAPTOR STAND

Weight	3 kg
Dimensions	200 x 160 x 80 mm
Capacity of magnet adhesion	Min. 15680/1600kgf
Capacity of Pipe diameter	32-150mm (Max 6 inch) 32-200 mm (Max 8 inch)
Contents	CHAD-35: 1 PC Chain: 2 PCS 90cm or 120cm

Instruction



Both Chain screws screw on the back of body first and put the Adaptor on the pipe

Place the chains in the sockets and start to tight the chains by rotating the handle clockwise.



Applicable Machine

Our brand: WS-3500M/PM, WS-4500M/PM

Other brand: Magnetic base range Max. 200mm x 80mm

Feature

Light, Stable, and easy to put on pipes.