

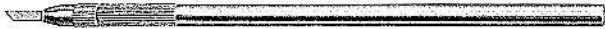
579**Vent cleaner**

Item No. 579.001

for slotted vents of all kinds

a) suitable spare blade are available

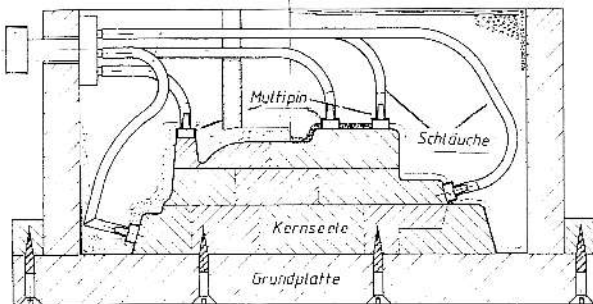
Item No. 579.002

**580****Special HSS-step drills**

for drilling vent holes in wood, metal, cast iron & steel



For vent dia.	Step dia.	Step length	Total length	Shank dia.	Item No.
3 mm	2,5 mm	15 mm	100 mm	3 mm	580.003
4 mm	3,5 mm	20 mm	120 mm	4 mm	580.004
5 mm	4,0 mm	30 mm	132 mm	5 mm	580.005
6 mm	5,0 mm	30 mm	139 mm	6 mm	580.006
7 mm	6,0 mm	30 mm	156 mm	7 mm	580.007
8 mm	6,0 mm	30 mm	165 mm	8 mm	580.008
9 mm	7,0 mm	30 mm	175 mm	9 mm	580.009
10 mm	8,0 mm	30 mm	185 mm	10 mm	580.010
12 mm	10,0 mm	30 mm	205 mm	12 mm	580.012
13 mm	11,0 mm	30 mm	205 mm	13 mm	580.013
14 mm	12,0 mm	30 mm	215 mm	14 mm	580.014
15 mm	13,0 mm	30 mm	220 mm	15 mm	580.015
16 mm	14,0 mm	30 mm	227 mm	16 mm	580.016
18 mm	16,0 mm	30 mm	240 mm	16 mm	580.018
20 mm	18,0 mm	30 mm	254 mm	16 mm	580.020
25 mm	23,0 mm	30 mm	230 mm	16 mm	580.025
30 mm	28,0 mm	30 mm	240 mm	16 mm	580.030

580A**Multipin**

The Multipin-system allows to get places for vents and degassing-systems during production and **before** using resins. There's no more need for drilling the finished core-box.

Advantages: Benefit of time up to 80%, saving of tools. Vents may be placed in an optimal position.

The system is available as follows:

1) Multipin-system-box, complete (Item No. 580.101)

containing all accessories:

25 pcs. Multipin each of vents-diameter 4, 6, 8, 10, 12, 15, 18, 20, 25, 30 mm

15 pcs. Multifill (to close not used holes)

each of the same diameter as Multipin

2 mtr. tubes, each of diameter 2, 4, 6, 8 mm

1,5 mtr. plastic wire each of diameter 2 and 3 mm (to eject Multipin)

1 pc. cutting gauge (for tubes)

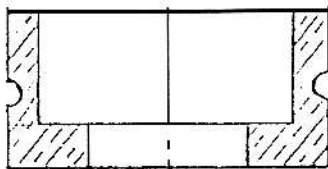
1 pc. cutter (for tubes)

1 tube rapid glue (for tubes)

1 pc. screw each of long, medium and short type

2) Spare parts:

For vents dia.	4 mm	6 mm	8 mm	10 mm	12 mm	15 mm	18 mm	20 mm	25 mm	30 mm
Item No. MULTIPIN	580.104	580.106	580.108	580.110	580.112	580.115	580.118	580.120	580.125	580.130
MULTIFILL	580.304	580.306	580.308	580.310	580.312	580.315	580.318	580.320	580.325	580.330
Tube	580.202	580.204		580.206				580.208		

580B**Supports for core-box vents**

These supports for the core-box vents will be placed during the production of resin core-boxes where the vents shall be placed later on.

So later boring is no longer necessary and the vents may be placed on **optimal** positions (also on positions where it would be very difficult to place borings).

Besides this gain of time and facilitation of work the supports will render possible a **quick and simple change of vents** when these will be damaged.

The dimension of the supports are fitting perfectly to the core-box vents made of brass with conical slots.

Fitting **tubes** are also available.

For vent dia.	6 mm	8 mm	10 mm	12 mm	14 mm	15 mm	16 mm	18 mm	20 mm
Boring back-side	4 mm	5 mm	7 mm	8 mm	10 mm	10 mm	10 mm	13 mm	16 mm
Item No.	580.506	580.508	580.510	580.512	580.514	580.515	580.516	580.518	580.520
Ref. No. of tube	580.604	580.605	580.607	580.608		580.610		580.613	580.616