

Guide of the tools of substitution for the grinder 125



This guide is a tool to help you choose the most appropriate for the task in hand.

It allows you to choose the most appropriate tooling, taking into account :

- ✓ **BYCN health and safety requirements**
- ✓ **Quality requirements**
- ✓ **Constraints related to the working environment (confined spaces, cutting to size, finishing...)**

Each tool has been tested and approved on site by the companions and technicians.

If you have any questions, please contact your Power Tool COPIL representative BYCN or DISTRIMO.

Objective of This guide



THE cutouts in workshop

	Plasma portable Hypertherm standalone Powermax30 Air Saw circular has metals Makita DCS553R T J	Saw stationary has metals FEIN MKAS 355	Multimaster 700 Fine	Cutter of irons Hilti NRC 6- 22 Or ATDV GR20	Saw EXACT Pipe cut P400 or Pipecut V 800 Or Pipecut 3 60	Saw Jumping pan Bosch GST 155 or GST160BCE Or Makita DJV182RTJ	Nibbler Fine ABLK 18 1.6 E select+ Or BLK 5	Drill metal Fine ASCM18 or Bosch GSR 18V 110C	Grinder 230 Makita DGA900PT4	Saw has ribbon Makita DPB1 82Z or DPB180RME or Bosch GCB 18V-63	
Data techniques & videos page:	9	10	11	12	13	14	15	16	17	18	19
Cutting RIGHT Or of complex shapes on plates steel or sheets	✔			✔			✔	✔			
Reservations of sheaths or paths of cables	✔			✔			✔	✔	✔		
Stems threaded		✔	✔	✔	✔						✔
All kind scrap , grating	✔	✔	✔							✔	
Prestressed cable		✔	✔							✔	
Tubes steel/stainless steel/aluminum, corner, square, etc...	✔	✔	✔	✔						✔	✔
Cutouts sheaths, pipes	✔					✔					
Tubes PVC of all diameters				✔		✔	✔				

Legend:

- ✓ Tool adapted At need
- ✓ For a use occasional
- ✓ There stain is carried out with there combination of 2 tools

Choose the right tool



THE cutouts in located 1/2

	Plasma portable Hypertherm standalone Powermax30 Air	Saw circular has Makita metals DCS553RMJ	Multimaster 700 Fine	Cutter of irons Hilti NRC 6-22 Or ATDV GR20	Nibbler Fine ABLK 18 1.6 E select OR BLK 5	Makita 230 grinder DGA900PT4	Makita DPB182Z or DPB180RME or Bosch GCB 18V-63 bandsaw	Milwaukee M18STSO Force Logic Rail Cutter
Data techniques & videos page:	9	10	12	13	16	18	19	23
Steels Øsuperior has 20mm Arm of deportation Or GCexisting For renovation	✓	✓				✓	✓	
Armatures metallic rusty / fixings blocked	✓					✓		
Bolts, stems threaded And locksmith			✓	✓		✓		
Duckboard in located	✓	✓		✓		✓		
Pre-stressed cable		✓		✓		✓		
Hoods of path of cables navy And cable wires	✓	✓		✓				
Path of cable kind Slab Navy Or sheet metal Path of cables, cable wires		✓				✓		
Hangmen And consoles in height	✓				✓	✓		
Rails	✓	✓			✓		✓	✓
Tubes steel/stainless steel/aluminum cylinder (max 6 cm) Or square (max 3 cm) - thickness 2 has 3 mm	✓	✓				✓	✓	

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THE cutouts in located 2/2

	Plasma portable Hypertherm standalone Powermax30-Air Saw circular has Makita metals DCS553RMJ	FEIN MKAS 355 metal cutting stationary saw	Multimaster 700 Fine	Cutter of irons Hilti NRC 6- 22 Or ATDV GR20	Nibbler Fine ABLK 18 1.6 E select	Nibbler Fine BLK 5	Drill metal Fine ASCM18 or Bosch GSR 18V 110C	Grinder 230 Makita DGA900PT4	Makita DPB182Z or DPB180RME or Bosch GCB 18V-63 bandsaw Grinder RIGHT FEIN AGSZ18- 280 LBL		
Data techniques & videos page:	9	10	11	12	13	16	16	17	14	19	20
Candelabra/mast (deposit)	✓						✓		✓		
Tiling (cutouts No linear)				✓							✓
Paths of cables full, superimposed, staggered Or against sheath						✓		✓			
Chutes in plastic, PVCOr fiber of glass				✓							
Reservations of sheaths or paths of cables	✓					✓		✓			
Supports of networks air in front Or roofing (deposit)	✓								✓		
Stem threaded until 12mm (excluding cutting) has (short)		✓		✓	✓						
Small works of cutting in vans Or on nacelle (stem threaded, rail DIN, screw,...) According to THE materials :		✓	✓	✓	✓					✓	

Legend:

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Choose the right tool



THE cutouts in space restricted

	Plasma portable Hypertherm standalone Powermax30 Air	Saw circular has Makita metals DCS553RMJ	Cutter of irons Hilti NRC 6-22 Or ATDV GR20	Multimaster 700 Fine	Nibbler Fine ABLK 18 1.6 E select	Drill metal Fine ASCM18 or Bosch GSR 18V 110C
Data techniques & videos page:	9	10	13	12	16	17
Path of cables existing For creation opening Or modification, paths of cables superimposed					✓	✓
Columns rising (cupboards and false ceilings)	✓	✓				
Pieces metallic on cabinets	✓			✓		
Pipes of copper in located (hoppers, site busy)		✓	✓	✓		
Cutting of element metallic until 16mm thick	✓					

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Works of grinding, deburring

	Chamfering machine Fine	Grinder RIGHT FEIN AGSZ18-280 LBL	Lime has band Fine BF 10-280 E	Sander specific for tubes Fine RS 17 - 70E
Data techniques & videos page:	22	20	21	24
Whitening of the tubes, elbows, ... Before Welding Preparation of steel, stripping of HEA For bet blank Before welding		✓	✓	✓
Chamfer on pieces has weld of strong thicknesses	✓	✓	✓	
Chamfer on tube steel, stainless steel	✓	✓	✓	
Deburring of the burrs of metal After cutting		✓	✓	
Deburring, Chamfering of the elbows And fittings		✓	✓	
Grinding of cords And points of welding		✓	✓	
Grinding of the covers For elimination of defects potentials (inclusions, blowholes, etc.)		✓	✓	
Grinding between passes For cleaning of cord, and avoid THE inclusions		✓	✓	✓
Cleaning And brushing of the welds Stainless steel		✓	✓	✓
Cleaning of the passes of welding with brushing		✓	✓	✓
Realization mouth of wolf				

Legend:

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Choose the right tool



Others tasks

Strapping metallic of palette	Pliers special strapping	2 6
Grooving concrete	Grooving machine	25

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Plasma portable stand-alone Hypertherm Powermax30 Air



Abilities of cuts :

8 mm (500mm/min) - recommended

10 mm (250mm/min)- recommended

16 mm (125 mm/min)- maximum

Compressor of air internal

Weight total 13.5 kg

Weight torch + beam: 1.1 kg

Code Pablo : **EL115386**

Steel
Cablofils
Sheaths
Paths of Cables
Irons dishes
Rails
All conductive



[Link video of demonstration](#)



Saw circular metal Makita DCS553R T J



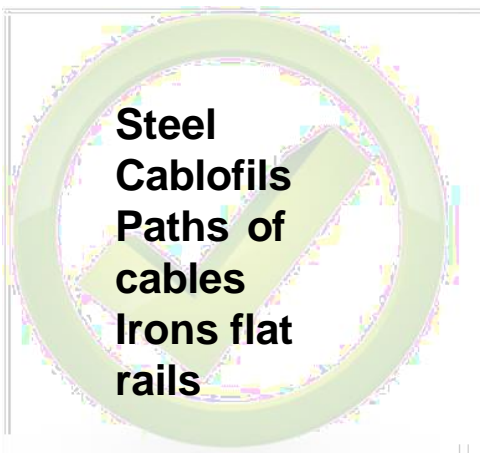
Battery : 18V – 5Ah

Special cut of the metals

Cutting has cold without spark And less than burr

Depth of cut 57.5 mm Speed
has empty max. 3900 rpm 2.9
kg

Code Pablo : **EL020170**



[Link video of demonstration](#)



Saw stationary metal FEIN MKAS 355



1800 W

Ability of cut (tube steel) 1 00 mm

Blade Ø3 5 5 mm

Cutting has cold without spark And less of burr

24.4 kg

Code Pablo : **EL01 14755**



**Must be fixed to a
workbench or table**

[Link video of demonstration](#)



Multimaster 700 FEIN



Machine oscillating (exists in wired Or on battery, depending on usage)
Change of accessories Quick- In
Grande variety of applications
Weight without battery : 1.1 kg
Code Pablo : **EL1 27028** - model Battery
Code Pablo : **EL104644**- model wired

Bolts,
Cables,
PVC,
Copper,
Rods
threaded,
earthenware,
sheaths,
wood



[Link video of demonstration](#)



Cutter of irons HILTI NRC 6-22 ATDV GR20

Steel cutting And of stems threaded
Cutting has cold without spark, less of burr cut
has shave 3 mm



GR20 : (3.5 kg)

Tool wired: Cutting until 20 mm. Need the setting
of a stop in function of diameter code Pablo :

EL008528 wired

Code Pablo : **EL107124 battery**



HILTI : (4kg)

Tool on battery: Cutting until 25 mm, without
adjustment. Best outfit of disk, speed cutting

Code Pablo : **EL0 152521**



[Link video of demonstration](#)



Saw Exact Pipe CUT (several models according to THE need)



Model 400: 1010W

Range of use : 100- 400 mm

Speed has empty 4000 rpm Blade
Ø148/150mm

Allow of cut out THE materials of piping
plastic or metal

6 kg

On order at the house of **DISTRIMO**

Code Pablo : **EL009771**- model PVC

Code Pablo : **EL146287**- model sheath

code Pablo : **EL113082**- model cast iron pipe



S

[Link video of demonstration](#)



Saws saute pans

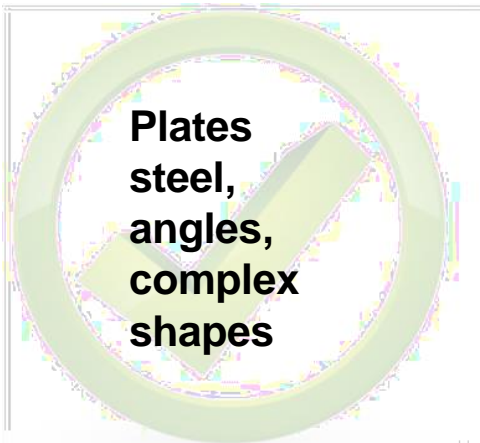
Large variety of cutting of materials:
Composites of drink And drink,
metals And alloys metallic, plastics



Model BOSCH GST 18V-155 BC or GST 160 BCE
Cadence cut 3000 cps/min, race 2 6 mm 2.7
kg
Code PABLO: **EL 134670 battery**
Code PABLO: **EL113541 wired**



Model on battery MAKITA DJV182 RTJ 18V/5Ah
Cadence of cut: 800 has 3500 cps/min, race: 26 mm
2.6 kg
Code PABLO: **EL018419**



[Link video of demonstration](#)



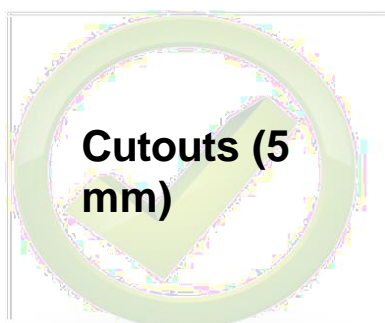
Fein Nibblers ABLK 18 1.6 E Select And BLK 5



Allow all shape of cutting; width of cut 5 mm Steel until:
400 N/mm²: 1.6 mm, 600 N/mm² : 1.0 mm,
800 N/mm² : 0.7 mm
18V battery - 1.6 kg without there
Battery Code Pablo : **EL 143470**



Allow all shape of cutting, width of cut 8 mm Steel until
400 N/mm²: 5 mm, 600 N/mm² 3.3 mm,
800 N/mm² 2.5 mm
Wired 220V 1200W – 3.8 kg
Code Pablo : **EL020168 - EL104720 - EL113061**



Reservations of
ducts, paths of
cables (with the drill
metal p17)



[Link video of demonstration](#)



Drill Fine metal ASCM 18



Drill screwdriver metal
battery 18 V

Ability metal: 25 mm

Capacity drink: 50 mm

Tapping: M12

2.2 kg (with battery)

Code Pablo : **EL157375**

Reservations of
ducts, paths of
cables (with the
nibbler p16)



[Link video of demonstration](#)



Grinder 230 Makita DGA900PT4



2*18 V – 5Ah

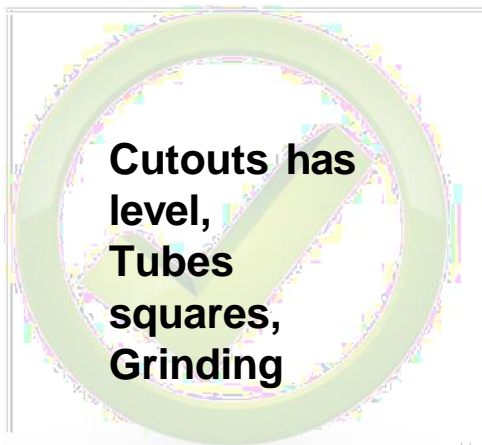
Ø230 mm

Carter protection grinding And Cutting
depth max : 60 mm

5.2 kg (with battery)

Code Pablo : **EL020165**

Advantage: design balanced, weight optimized → big handling



[Link video of demonstration](#)



Saw has ribbon Makita DPB180 RME & DPB 181 RME & Bosch GCB 18 V-63



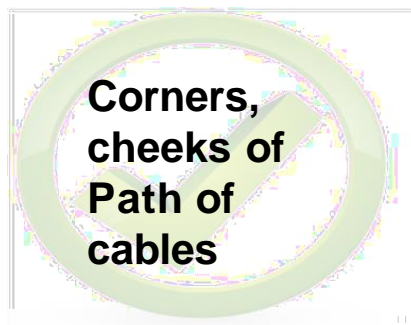
Battery 18 V – 4 Ah, 4.1 kg
Ability of cut (tube steel) 64 mm Speed of
there band maximum : 3.2 m/s
Code Pablo : **EL 117733**



Battery 18 V – 4 Ah , 6.4 kg
Ability of cut (tube steel) 120 mm
Speed of there band maximum : 84 has 162
m/min Code Pablo : **EL017248**



Battery 18 V – 4 Ah , 4 kg
Ability of cut (tube steel) 63 mm
Code Pablo : **EL121885**



[Link video of demonstration](#)



Grinder right fein AGSZ 18- 280 LBL



Batteries 2*18V

Cutting, sanding, deburring And Milling

Grinding Wheel diameter max 50mm

Lighting LED

integrated 2.3 kg with

Battery Code Pablo :

EL 143613

Whitening and
chamfering of
tubes,
cutting of no tiling
linear, grinding of
welding



**Choose the right consumable
adapted to the material and the task**

[Link video of demonstration](#)



Lime has Fein band BF 10- 280 E



Lime has band places difficult access
Width of band : 3, 6 Or 20 mm
800 W
2.1 kg
Code Pablo : **EL104713**

Whitening before
welding, chamfer on
piece has weld strong
thickness, grinding of
welds



**Choose the right consumable
adapted to the material and the task**

[Link video of demonstration](#)



Fein Chamfering Machine AKFH 18- 5 (several models according to the need)



Battery 18V

Length max. chamfers . has 45°: 5 mm

Height of chamfers max. has 45°: 3.5 mm

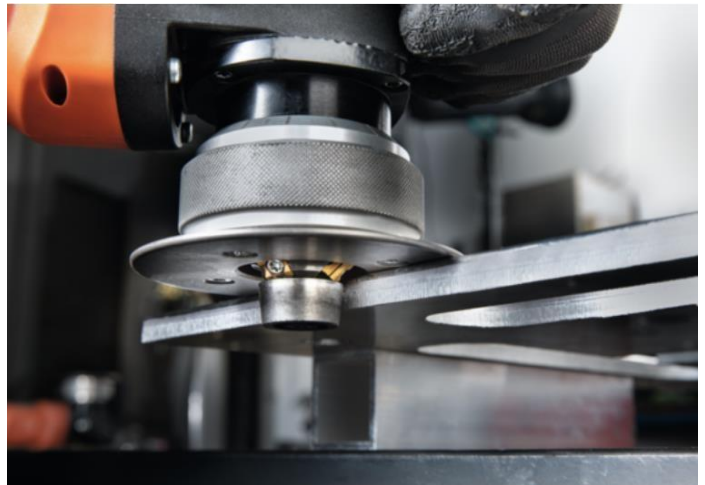
Plateau support \varnothing : 98 mm

2.4 kg (without the battery)

On order at the house of **DISTRIMO**

Code Pablo : **EL143612**

Deburring,
chamfers Radii
on edges lively
of
materials dishes,
sheets and circular
openings And of
contours curvilinear.



[Link video of demonstration](#)



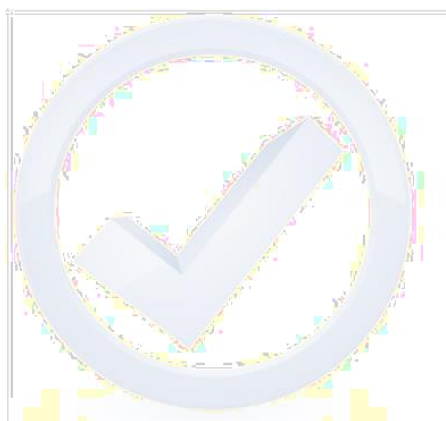
NEW!
PLUS D'APPLICATIONS

MILWAUKEE M18 STSO Force Logic Rail Cutter



Rail cutter

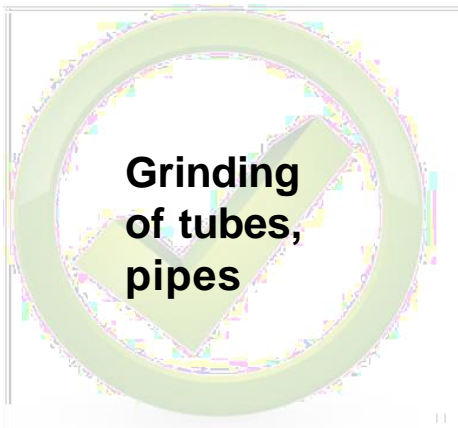
On order **DISTRIMO**



Sander Fine tubes RS- 1 7 - 70 E



Sander specific For Tubes
Diameter 8 has 80 mm
1 7 00 W
4.3 kg
Code Pablo : **EL020161**



[Link video of demonstration](#)



SPIT Grooving Machine D90



Width of cut of 7 has 47 mm,
Connection suction
2500W
6.5 kg
Code Pablo : **EL007754**



[Link video of demonstration](#)



Pliers has strapping

Code Pablo : **IN000898**



[Link video of demonstration](#)

