

# 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 Ø superior has 20mm Arm of deportation Or GC existing 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	✓	✓				✓	✓	

## 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 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, PVC Or 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:

-  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 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	✓					

## Legend:

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




# Choose the right tool



# 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:

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




# Choose the right tool



## Others tasks

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

### Legend:

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

# Choose the right tool





# 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



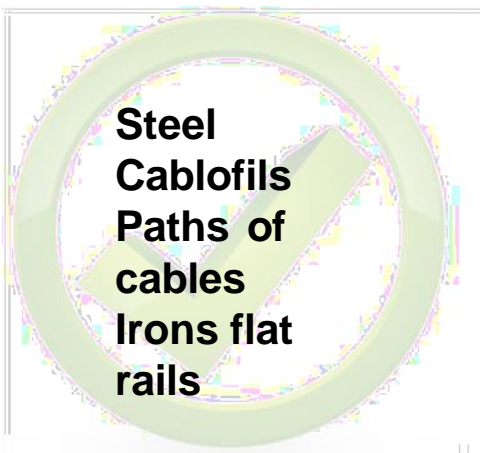
Battery : 18V – 5Ah

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  $\varnothing$ 3 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

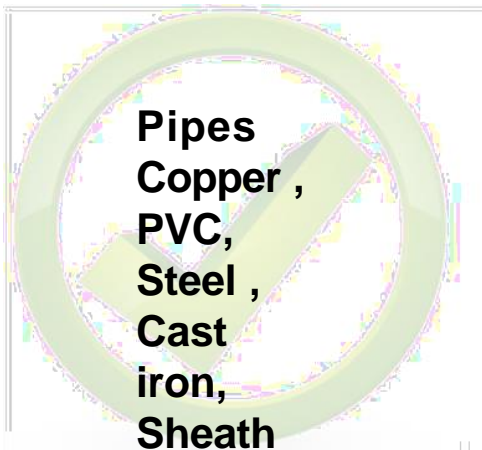
6 kg

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

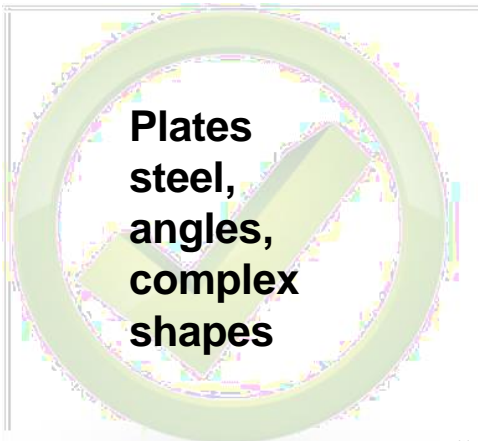
Large variety of cutting of materials:  
Composites of drink And drink,  
metals And alloys metallic, plastics



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](#)



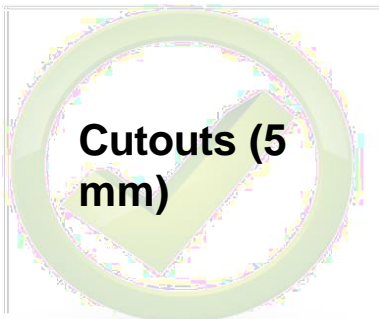
# Fein Nibblers ABLK 18 1.6 E Select And BLK 5



Allow all shape of cutting; width of cut 5 mm Steel until:  
400 N/mm<sup>2</sup>: 1.6 mm, 600 N/mm<sup>2</sup> : 1.0 mm,  
800 N/mm<sup>2</sup> : 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/mm<sup>2</sup>: 5 mm, 600 N/mm<sup>2</sup> 3.3 mm,  
800 N/mm<sup>2</sup> 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

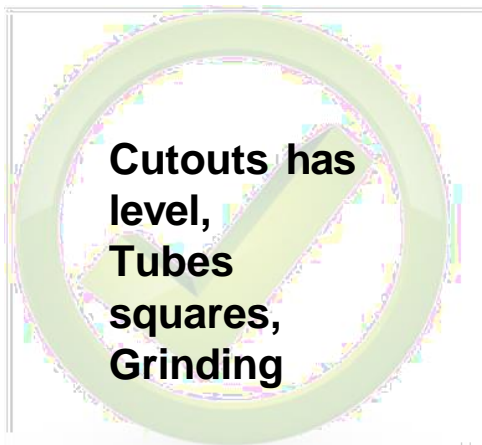
Ø230 mm

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



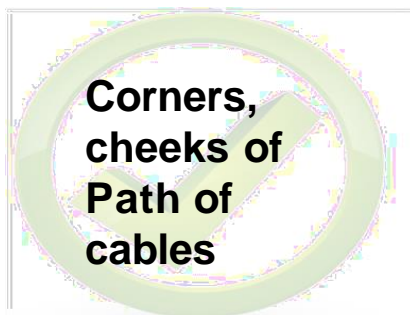
Battery 18 V – 4 Ah, 4.1 kg  
Ability of cut (tube steel) 64 mm Speed of  
there band maximum : 3.2 m/s  
Code Pablo : **EL 117733**



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

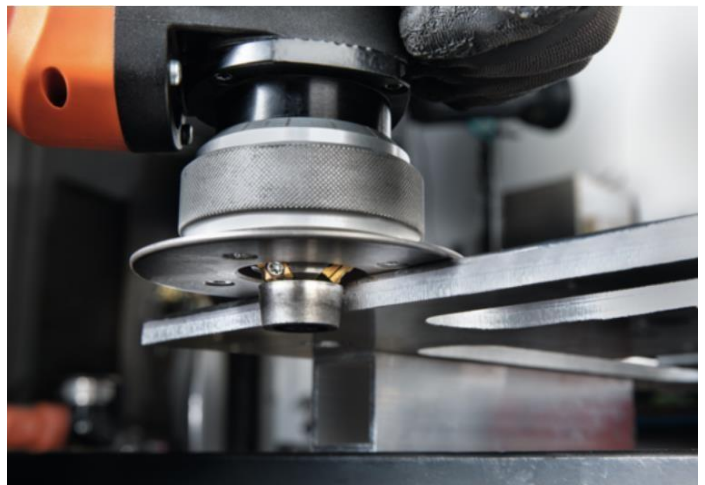
2.4 kg (without the battery)

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](#)



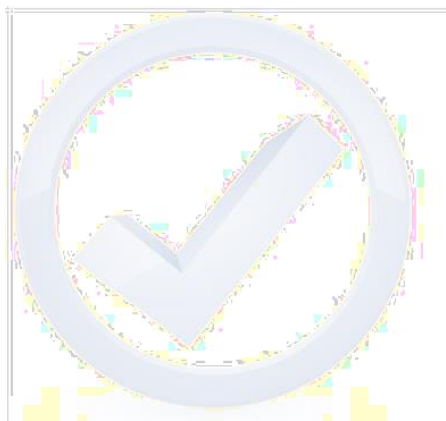
**NEW!**  
PLUS D'APPLICATIONS

# MILWAUKEE M18 STSO Force Logic Rail Cutter



Rail cutter

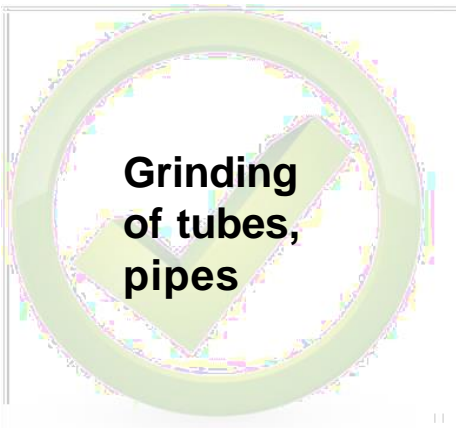
On order **DISTRIMO**



# 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](#)

