

For Straight line & curve  
One-touch multi beveller

Weld Preparation Bevellers  
Weld Bead Removers  
Air/Electric Radius Bevellers

# Chamfo



For Straight line & curve  
One-touch multi beveller

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Air/Electric Radius Bevellers

# Chamfo



### Easy & Quick adjustment by one-touch spline controller

- ▶ The unit of minimum adjustment is 0.1mm
- ▶ Easy to return to the same depth what you had done after different depth beveling
- ▶ No loosen up beveling depth due to spline structure

### Technical status

- Int'l patents: PCT/KR2007/000765, KR2008/003600 in 18 countries
- One-touch beveller (10-05752012)
- Beveller improved a guide roller's durability (10-0608293)
- Straight Guide Bar for straight beveling (10-064400)
- Multi beveller (10-0784772)
- Attachment for pipe beveling (10-0899957)
- Trade Mark: Chamfo (40-2006-0043030)
- Patent No. USA : US7,635,242B2
- China : One-touch beveller (ZL2007 10005742.3)
- Russia : RU2388581 C1
- Design : 30-0418581 (adaptor for bevellers) and so on

#### • Patent countries

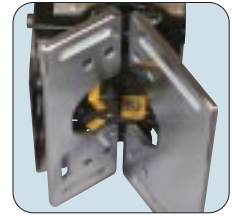
NO.	Country	Patent No.	NO.	Country	Patent No.
1	India	3017/KOLANP/2007	5	Russia	2008136881
2	Japan	2008-554154	6	Vietnam	1-2008-02057
3	EU	07708915.9	7	Taiwan	97129350
4	Mexico	mx/a/2008/010479			

### Features/Advantages of Chamfo

1. Easiest adjustment by one-touch controller
2. Precise beveling due to the 0.1mm unit of adjustment
3. No loosen up the fixed depth due to spline structure
4. Easiest to return to the same bevel depth

# GTW-1500 15°~75° / 0~10C

For Pipe & Plate / Plate beveling external pipe beveling  
**Weld Preparation Beveller**



• Plate beveling      • external pipe beveling

Specifications		GTW-1500	
Adjustment	One-touch type controller		
Adjust increments	minimum 0.1mm of unit		
Usages	Plate & Pipes beveling for weld prep.		
Angle	15 ~ 75 degree		
	Thickness, mm (inch)	Width, mm (inch)	
15 degree	22.5 (0.886)	24 (0.945)	
30 degree	15 (0.591)	17 (0.669)	
45 degree	10 (0.394)	15 (0.591)	
75 degree	2.5 (0.098)	11 (0.433)	
Drive Motors	Keyang, DG-10CBM (220V / 60Hz only)		
Weight (incl. a grinder)	3.8kgs		
Power	1050W		
Insert	No. of inserts : 3 inserts		
	Parts no. : SPMT090408-GTW		
Applications	Steel (carbon & stainless steel, etc),		
	Non-ferrous metal, plastics		

## Patent

- Weld prep bevellers with One-touch type adjustment controller (Patent : 10-0955216)
- One-touch type adjustment controller of Bevellers (Patent : 10-0955217)

## Features

- Enable to adjust bevel depth during switch on
- Easy replacement of insert tip
- Easy adjustment of beveling angle
- Enable to bevel external pipe edge
- Enable to bevel various material (Carbon steel, stainless steel, Aluminium alloy, copper alloy, plastics)
- Precise adjustment: min. 0.1mm unit
- No loosening due to a splined spindle

# GTW-1500WD 0°~90° / 0~10C

For Pipe & Plate  
**Weld Preparation Beveller**  
 For Overseas customers



# GTW-1500WB 0°~90° / 0~10C

For Pipe & Plate  
**Weld Preparation Beveller**  
 For Overseas customers



# GTW-1500WM 0°~90° / 0~10C

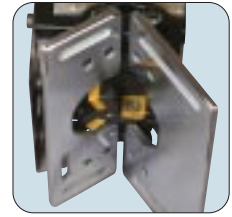


For Pipe & Plate  
**Weld Preparation Beveller**  
 For Overseas customers

Specifications		GTW-1500WD/WB/WM	
Adjustment	One-touch type controller		
Adjust increments	min. 0.1mm of unit		
Usages	Plate & Pipes beveling for weld prep		
Angle	0 ~ 90 degree		
	<b>Thickness, mm (inch)</b>	<b>Width, mm (inch)</b>	
0 degree	22 (0.866)	7.5 (0.295)	
15 degree	22.5 (0.886)	24 (0.945)	
30 degree	15 (0.591)	17 (0.669)	
45 degree	10 (0.394)	15 (0.591)	
75 degree	2.5 (0.098)	11 (0.433)	
90 degree	7.5 (0.295)	11.5 (0.453)	
Drive Motors	GTW-1500WB : Bosch, GWS 11-125		
	GTW-1500WD : DeWALT, D28402		
	GTW-1500WM : Makita, 9560 CV		
Weight (incl. a grinder)	max. 4.2kgs		
Power	1100~1200W		
Inserts	No. of inserts : 3 inserts		
	Parts no. : SPGT100408-GTW		
Applications	Steel (carbon & stainless steel, etc)		
	Non-ferrous metal, plastics		

# GTW-2100 0°~90° / 0~15C

For Pipe & Plate **Weld Preparation Beveller**



Specifications		GTW-2100
Adjustment	One-touch type controller	
Adjust increments	min. 0.1mm of unit	
Usages	Plate & Pipes beveling for weld prep	
Angle	0 ~ 90 degree	
	Thickness, mm (inch)	Width, mm (inch)
0 degree	27 (1.063)	11.5 (0.453)
15 degree	28 (1.102)	29 (1.142)
30 degree	23 (0.905)	26.5 (1.043)
45 degree	15.5 (0.610)	22 (0.866)
75 degree	3.2 (0.126)	12.5 (0.492)
90 degree	1.5 (0.453)	13 (0.512)
Drive Motors	Metabo, WX 14-125 Ergo	
Weight (incl. a grinder)	6.5kgs	
Power	1400W	
Insert	No. of inserts : 3 inserts	
	Parts No. : DSGT1305-GTW	
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, plastics	

# GTW-2700 15°~75° / 0~19C

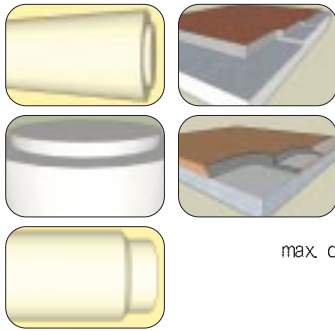
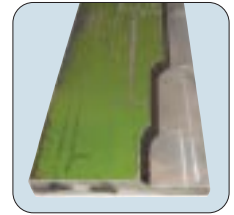
For Pipe & Plate **Weld Preparation Beveller**



Specifications		GTW-2700
Adjustment	One-touch type controller	
Adjust increments	min. 0.1mm of unit	
Usages	Plate & Pipes beveling for weld prep	
Angle	15 ~ 75 degree	
	Thickness, mm (inch)	Width, mm (inch)
15 degree	33 (1.299)	34 (1.339)
30 degree	28 (1.102)	32 (1.260)
45 degree	19 (0.748)	27 (1.063)
75 degree	13.5 (0.531)	14 (0.551)
Drive Motors	Metabo, WX 23-180	
Weight (incl. a grinder)	11.5kgs	
Power	2400W	
Insert	No. of inserts : 4 inserts	
	Parts no. : DSGT1305-GTW	
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, plastics	

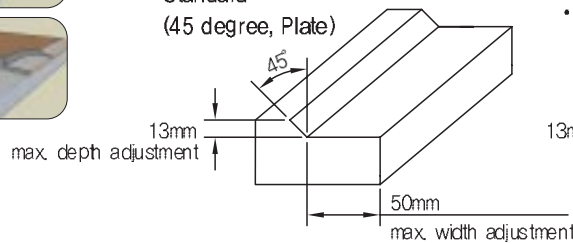
# GTW-2700DF

For plate & curved plate  
**Decladding Machine**

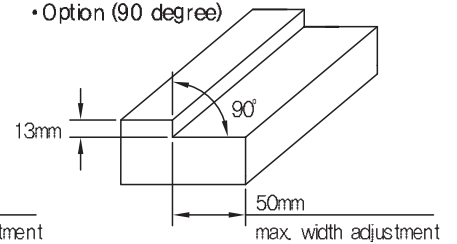


Specifications		GTW-2700DF
Bevel Adjustment	One-touch spline controller	
Adjustment Increment	min. 0.1mm of unit	
Usage	Decladding, cutting off coated/welded materials	
Capacity	Width : max. 50mm / Depth : max. 13mm	
Angle	45 degree (for others, pls contact manufacturer)	
Drive motor	Metabo, WX 23-180	
Weight	145kgs	
Power	2400W	
Insert	No. of inserts : 3 inserts	
	Parts No. : DSGT-1305	
Application	Steel, Stainless Steel, Non-ferrous metal, plastics	

• Standard  
(45 degree, Plate)



• Option (90 degree)



# GTW-2700IM 30° ~60° / width 51mm

Discontinuous (skip) welding  
**Preparation Beveller**



Specifications		GTW-2700IM
Bevel Adjustment	One-touch type	
Adjustment Increment	min. 0.1mm of unit	
Usage	Discontinuous weld preparation	
Bevel Angle	30 ~ 60 degree	
Bevel Range	Width 51mm	
Drive motor	Metabo WX 23-180	
Weight (incl. a grinder)	16kg	
Power	2400W	
Insert	No. of inserts : 3 inserts	
	Parts No. : DSGT-1305	
Application	Carbon Steel, Stainless Steel, Non-ferrous metal, plastics	

# GTI-1200

For Plate & Internal,external pipe edge beveling  
**Weld Preparation Beveller**



Specifications		GTI-1200	
Beveling Adjustment	One-touch type		
Adjustment Increment	min. 0.1mm of unit		
Bead removal	by facemill cutter unit		
Usage	Pipe (external) & plate beveling		
Bevel Angle	20 ~ 45 degree		
	Thickness, mm (inch)	Width, mm (inch)	
20 degree	5.5 (0.217)	5.8 (0.228)	
30 degree	9 (0.354)	10.4 (0.409)	
45 degree	9.3 (0.366)	13 (0.512)	
Weight (incl. a drive motor)	6.0 kgs		
Drive Motor	Metabo, WX 14-125 Ergo		
Power	1400W		
Insert	No. of inserts : 3 inserts		
	Parts No. : APMT-1604PDSR-MM		

# GTB-1800K Bead width 32mm / Height 5mm

**Weld bead removal tool**



Specifications		GTB-1800K	
Height Adjustment	Screw type		
Removal cutter	Two face-mill cutter		
Usage	Wall & Surface weld bead removal		
Removal range	Width : 32mm, Height : max. 5mm		
Drive Motor	Keyang, DG-100BM (220V / 60Hz only)		
Weight (incl. grinder)	6kgs		
Power	1050W		
Insert	No. of inserts : 6 inserts		
	Part No. : SPGT 100408-GTW		
Application	Steel, Stainless Steel, Non-ferrous metal, etc.		

# GTR-3AC R3 · R4 · R5

Pneumatic Tool / For plate, pipe & hole  
**Radius Beveller (Cutter type)**



• Cutters



GTR-3AC-P



GTR-3AC-G



GTR-3AC-N

Specifications		GTR-3AC-P/G/N		
Usage	Radius beveling			
Models	GTR-3AC-P, G, or N			
Cutter (option)	1 ring type cutter			
Cutter size	3R, 4R, 5R			
	GTR-3AC-P	GTR-3AC-G	GTR-3AC-N	
Adjustment	one-touch type	screw type	screw type	
Rotating base plate	○	○	-	
Cutter ejection pins	○	-	-	
Stopper	○	○	○	
Straight guide	○	-	-	

# GTR-3AT R2 · R3

Pneumatic Tool / For plate, pipe & hole  
**Radius beveller (Insert type)**



• Exclusive radius insert tip

-Patent : 10-0937393  
 SNGQ1204-R2 & R3



Specifications		GTR-3AT
Usage	Radius beveling	
Inserts (option)	3 pieces (8 corners are available)	
Parts no.	SNGQ1204-R2, R3	
Insert size	R2, R3	
	<b>Features</b>	
Adjustment	one-touch type	
Rotating base plate	○	
Stopper	○	
Straight guide	○	



# GTR-3EC R3 · R4 · R5

Electric Power / For plate, pipe and hole  
**Tool Radius beveller (Cutter type)**



• Cutters

Specifications		GTR-3EC
Adjustment		One-touch type
Adjustment increment		Min. 0.1mm of unit
Usage		Radius beveling
Drive motor		Keyang, DG-100BV (220V / 60Hz only)
RPM		Variable speed
No. of cutters		1 cutter
Insert size		R3, R4, R5
<b>Features</b>		
One-touch controller		○
Rotating base plate		○
Cutter ejection pins		○
Stopper		○
Straight guide		○

# GTR-3ET R2 · R3

Electric Power / For plate, pipe and hole  
**Tool Radius beveller (Insert type)**



• Exclusive radius insert tip

-Patent : 10-0937393  
 SNGQ1204-R2 & R3

Specifications		GTR-3ET
Adjustment		One-touch type
Adjustment increment		Min. 0.1mm of unit
Usage		Radius beveling
Drive motor		Keyang, DG-100BV (220V / 60Hz only)
RPM		Variable speed
No. of Inserts (option)		3 inserts (8 corners are available)
Parts no.		SNGQ1204-R2, R3
Insert size		R2, R3
<b>Features</b>		
One-touch controller		○
Rotating base plate		○
Cutter ejection pins		○
Stopper		○
Straight guide		○

# GT-38S 0~1.5C

Pneumatic Tool / Chamfering Tool

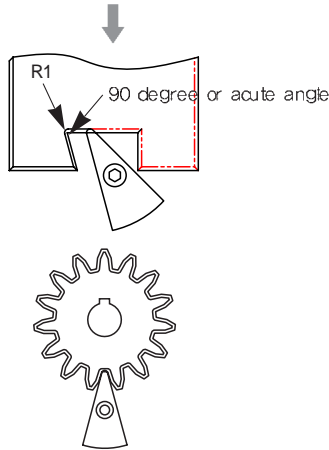
Straight line,  
Curve & Hole  
Chamfering



Corner  
Chamfering



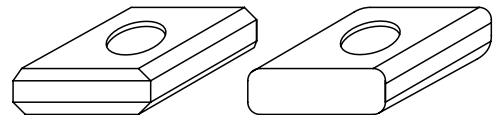
Beveling at acute angle  
or narrow corner is  
possible with corner  
guide



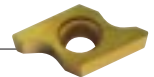
# GT-38SCR 0~1.5C R1·R1.5·R2

Pneumatic Tool /  
Chamfering & Radius Chamfering Tool

Chamfering & radius chamfering tool  
of straight line, curve & hole



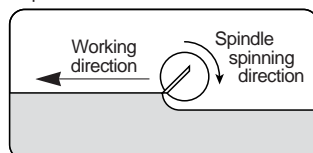
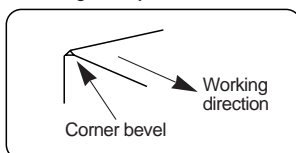
## Exclusive radius insert tip



- Part No. : DCGW070202 - R1 · R1.5 · R2
- Patent No. : 10-2010-0013378
- Design : 30-2010-0006538

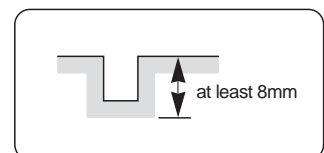
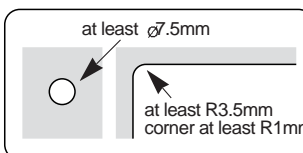
Specifications		GT-38S
Beveling Adjustment	One-touch type controller	
Adjustment increment	min. 0.1mm of unit	
Weight (incl. a grinder)	1.2kg	
Compressed Air Pressure	6kg/cm <sup>2</sup>	
	Inserts	Rotary Bur
No. of Inserts	2	1
Part No.	DCMT070204	SK-1M-GT
Bevel Range	0 ~ 1.5C	
Bevel Angle	45 degree	
Usage	Straight Line & Curves & Hole Beveling	Corner Beveling

- Firmly grasp the body of the beveller, place the base plate on the work object, and work slowly with the tip touching the object.
- With the corner (R) guide flush against the face of bearing, work while moving in the direction of the tip's rotation.



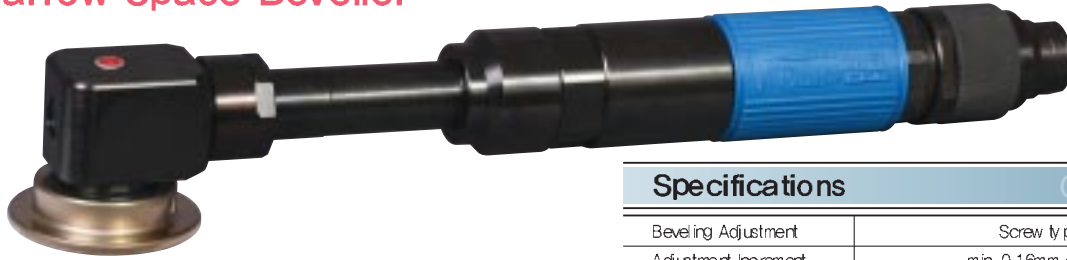
Specifications		GT-38SCR
Beveling Adjustment	One-touch type controller	
Adjustment increment	min. 0.1mm of unit	
Weight (incl. a grinder)	1.2kg	
Compressed Air Pressure	6kg/cm <sup>2</sup>	
	Chamfering	Radius chamfering
No. of Inserts	2	2
Parts No.	DCMT070204	DCGW070202
Bevel Range	0 ~ 1.5C	R1, R1.5, R2
Bevel Angle	45 degree	-
Usages	Chamfering, deburring	Radius chamfering

- For beveling curves, holes must have a diameter of at least 7.5mm, and radii must measure at least 3.5mm.
- For beveling corners, radii must measure at least R1mm.
- Work objects with grooves must be at least 8mm thick.



# GTL-38SC 0~1C / R2 · R3

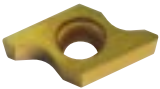
Pneumatic Tool  
Narrow Space Beveller



Specifications		GTL-38SC
Beveling Adjustment	Screw type	
Adjustment Increment	min. 0.16mm of unit	
Usage	Curves & Lines / Radius beveling	
Weight	1.45kg	
Compressed Air Pressure	6kg/cm <sup>2</sup>	
No. of cutters	1	
Bevel Angle	45 degree	
Bevel Range	0 ~ 1C / R2, R3	
Application	Mild Steel, Non-ferrous metal Beveling Tools for difficult-to-reach places such as Narrow Gap, deep hole, etc.	
Hole / Internal Diameter	min. 16mm	
Height	min. 55mm	

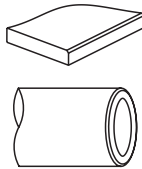
# GT-100B 0~3C / R1 · R2 · R3

Electric Power Tool / For plate & curve & hole  
One-touch chamfering tool



### Exclusive radius insert tip

- Part No. : DCGW11T304  
R1 / R1.5 / R2 / R2.5 / R3
- Patent No. : 10-2010-0013378
- Design : 30-2010-0006538



Specifications		GT-100B
Beveling Adjustment	One-touch controller	
Adjustment increment	min. 0.1mm of unit	
Weight (incl. grinder)	2.5kg	
	Rough surface	Fabricated surface (option)
No. of inserts	2	2
Specification	VCGWE110304	VCGT110304
Bevel Range	C0 ~ C3.0	
Angle	45 degree	
Usages	Straight line, curve, hole beveling	
Features	Patented Guide Roller (non-bearing type)	
Radius Beveling (Option)	R1, R2, R3	

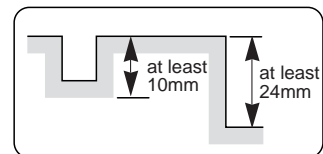
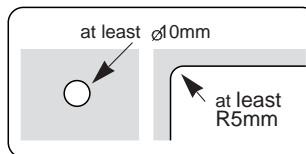
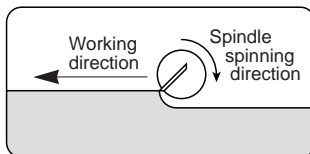
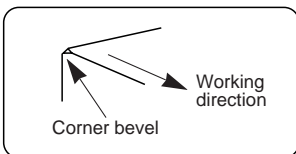


• Firmly grasp the body of the beveller, place the base plate on the work object and work slowly with the tip touching the object.

• With the straight line guide flush against the guide pin, work by moving in the direction of the tip's rotation.

• With objects for beveling, holes must have a diameter of at least 10mm, and radii must measure at least 5mm. Work objects must have a thickness of at least 10mm.

• Work objects with grooves must be at least 10mm thick.





Registered ISO 14001:2004

ISO 9001:2000  
KS A 9001:2001

For corners (R), straight lines and curves  
**One-touch Beveller Chamfo**



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