

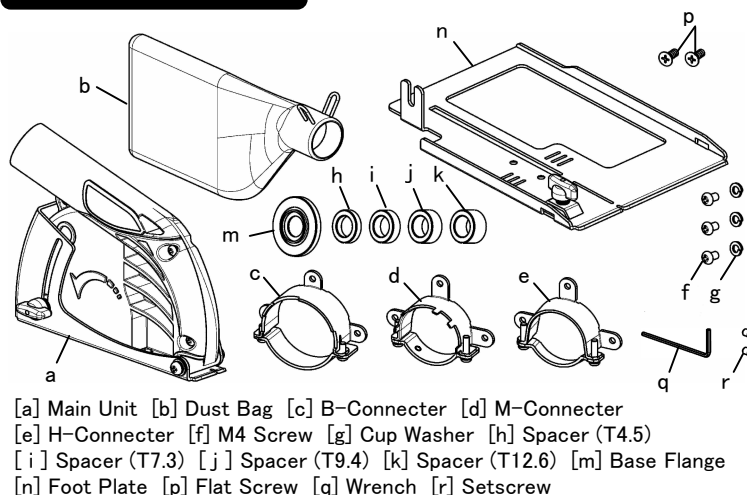
WARNING

- The supplied connector may not connect securely to disc grinders. In this case, do not use TORNADO.
- TORNADO is for use when cutting concrete, stone and brick. Do not use when cutting metal or other materials.
Do not use with any other type of cutter, such as a grindstone or tipped saw.
- Always check TORNADO for damage, cracks or deformation before use.
Do not use TORNADO which is damaged, cracked or bent as this could lead to injury.
- Be sure to wear protective goggles, a dust mask, protective footwear, earplugs and other protective equipment when working.
- Keep TORNADO away from gasoline, thinner, petroleum and paraffin.
- Hold the workpiece with clamping devices.

SPECIFICATIONS

Model Code	NK-125
Attachable Blade	125mm/T1.5-2.2 Diamond Blades.
Cut Depth	5-30mm
Weight	520g (Main Unit)
Cutting Material	Concrete, Block, Stone, Tile, ..etc.
Dust Bag capacity	Should be emptied with every 3m of cutting.
Proper Grinders	<p>BOSCH: GWS6-115/GWS7-115(E)/ GWS8-115/GWS8-125/ GWS9-125/GWS10-125/ GWS11-125CI(E)/GWS14-125CI(E)(T)/ GWS15-125CIH(CIEH)(CITH)</p> <p>MAKITA: 9554NB/9558NB/GA4530/9565CV</p> <p>HITACHI: G12SS/G12SR3/G13SR3/ G13SB3/G13SE2</p>

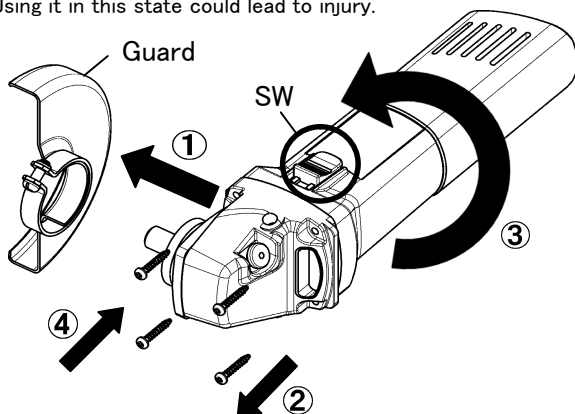
OVERVIEW



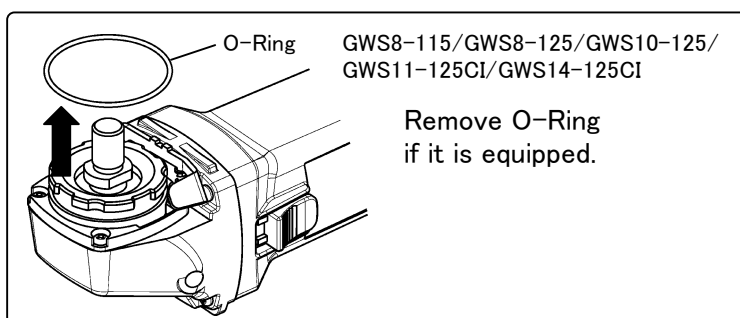
PREPARATION

WARNING

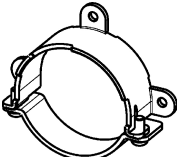
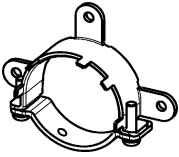
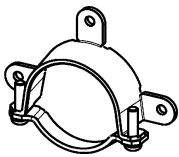
- Be sure to turn off the disc grinder and remove the plug from the electrical outlet before attaching TORNADO.
- If you attach TORNADO to a disc grinder but the connector is loose and cannot be securely attached, do NOT use TORNADO.
Using it in this state could lead to injury.

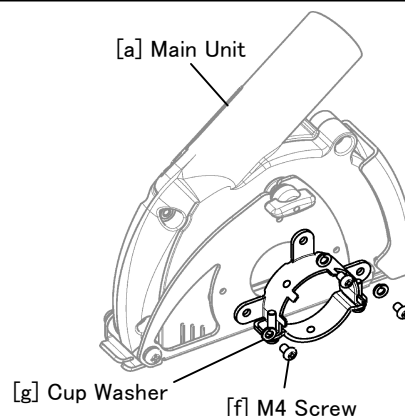


- ① Take the Guard off.
- ② Remove the Screws.
- ③ Turn the Grinder Body to locate the SW upper position.
- ④ Tighten the Screws.



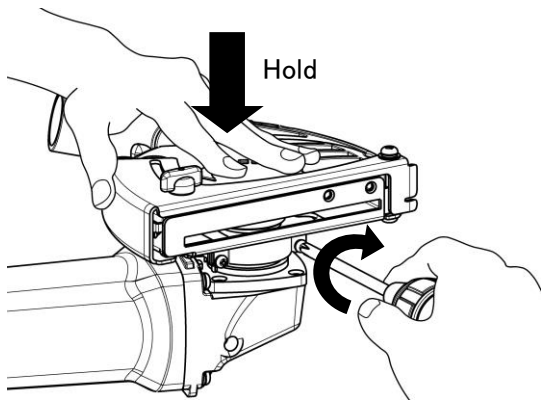
CONNECTER INSTALLATION

BOSCH		MAKITA	HITACHI
GWS8-115/GWS8-125 GWS10-125/GWS11-125CI GWS14-125CI(E)(T) GWS15-125CIH(CIEH)(CITH)	GWS6-115 GWS7-115 GWS9-125		
			
[c] B-Connector	[d] M-Connector	[e] H-Connector	



Choose the proper connector and fit it to [a] Main Unit with [f] M4 Screw and [g] Cup Washer.

FIT TO GRINDER



Hold the top of the Main Unit and tighten the screws.

* Confirm NO tilt in Grinder.

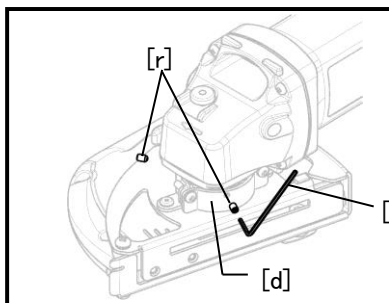
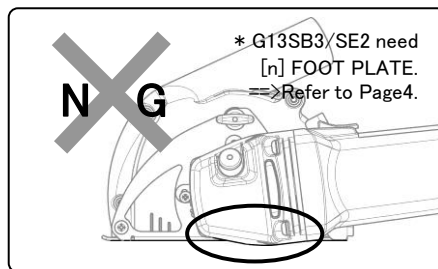
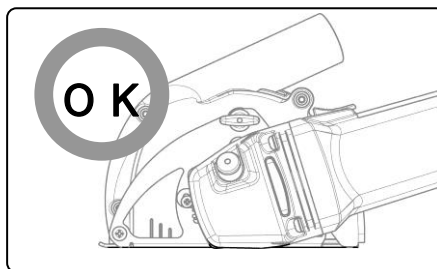
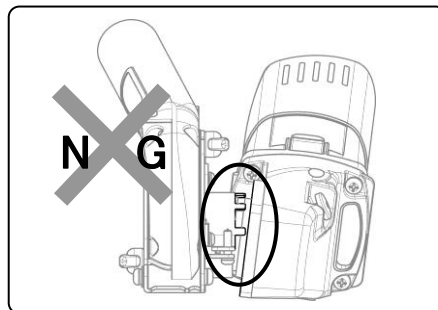
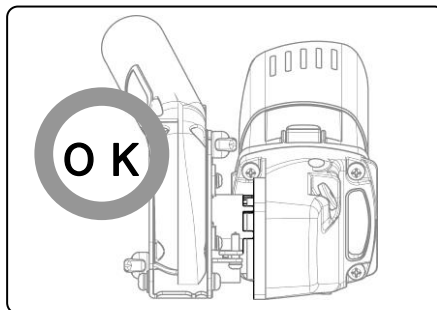
* Adjust the angle of Grinder so as to make the bottom surface flat.

* G13SB3/SE2 need [n] FOOT PLATE.

=>Refer to Page4.

! WARNING

Make sure TORNADO is securely attached, otherwise it may come loose, causing injury.



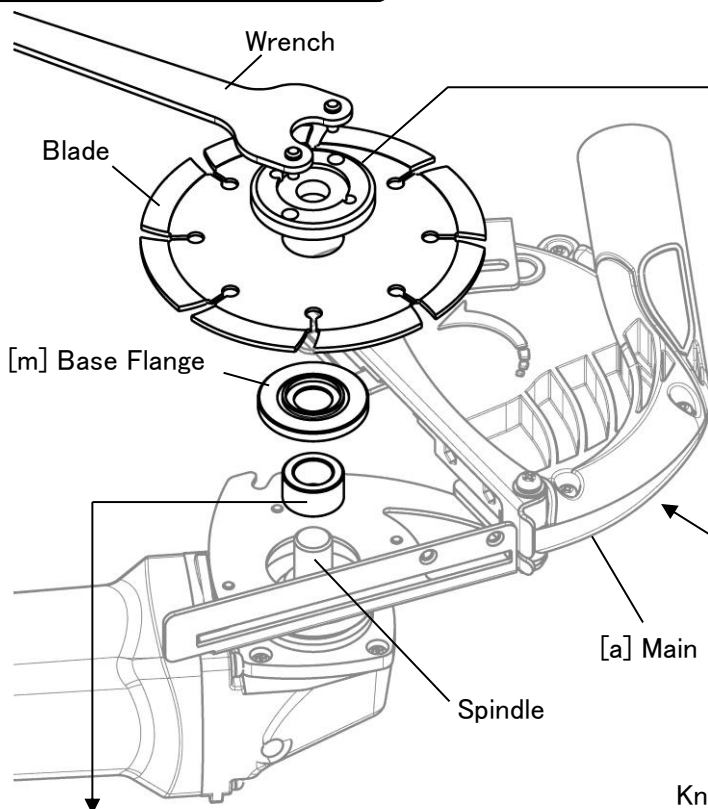
BOSCH GWS6-115 / GWS7-115

After fitting, tighten [r] Setscrews into [d] M-Connector by [q] Wrench.

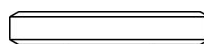


Do NOT over tighten [r] Set screws or they could cause damage or deformation to the Grinder and Connector.

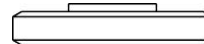
BLADE INSTALLATION



Wheel Nut direction



BOSCH

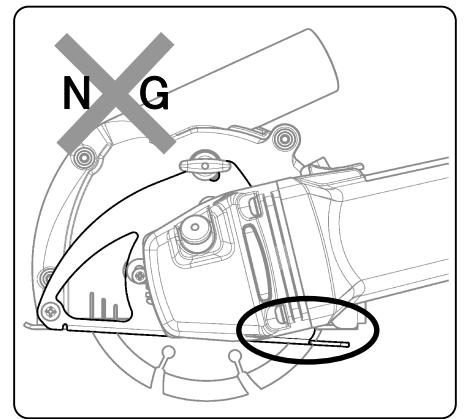
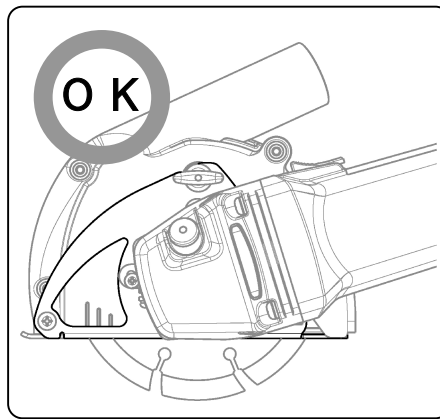
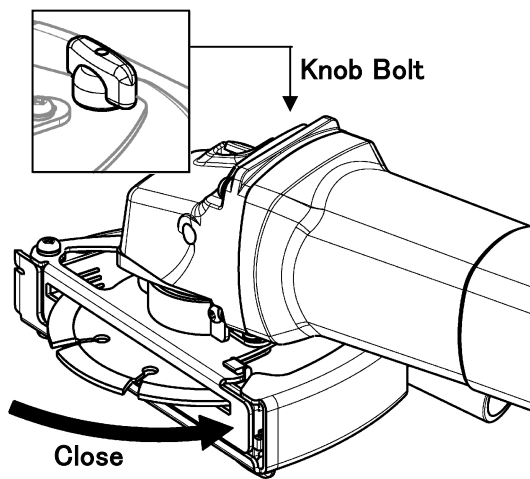


OTHERS

1. Loosen Knob Bolt and open [a] Main Unit.
2. Set the proper Spacer [h-k] into the Spindle.
3. Set [m] Base Flange on the Spacer.
4. Set the Blade on [m] Base Flange.
5. Set the Wheel Nut on the Blade.
(Be care of the direction of Wheel Nut)
6. Fix the spindle and tighten the Wheel Nut.
7. Confirm NO contact between the Blade and inner area of the Main Unit.

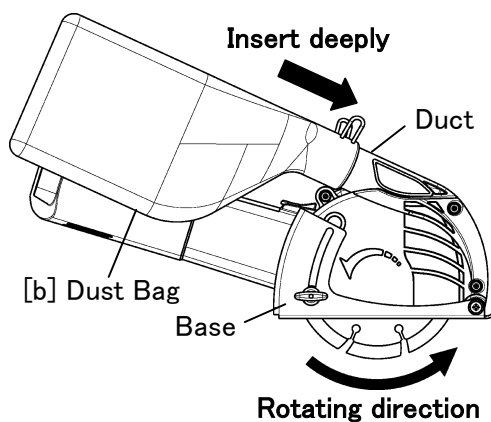
[Requiring Spacer]

BOSCH		HITACHI		MAKITA	
GWS8-115/GWS8-125 GWS9-125/GWS10-125 GWS11-125CI/GWS14-125CI GWS15-125CIH(CIEH)(CITH)	GWS6-115 GWS7-115	G12SS	G12SR3 G13SR3	G13SB3 G13SE2	9554NB 9558NB GA4530 9565CV
[k] Spacer	[j] Spacer	[i] Spacer	[h] Spacer		
T12.6	T9.4	T7.3	T4.5		



Surely close the Main Unit and tighten the Knob Bolt.
Confirm NO opening at the back side.

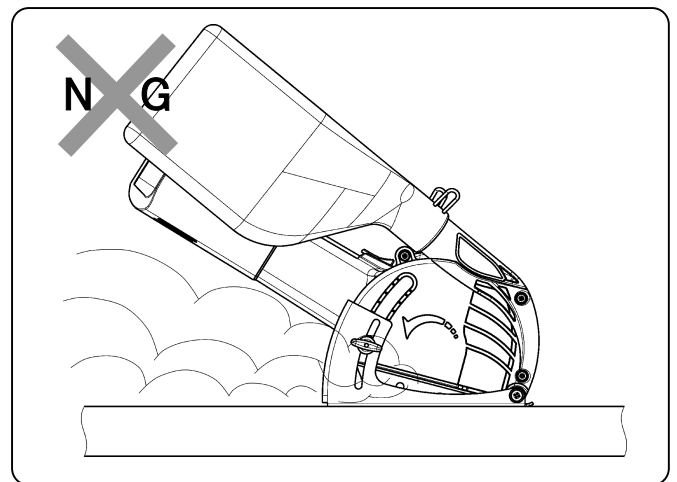
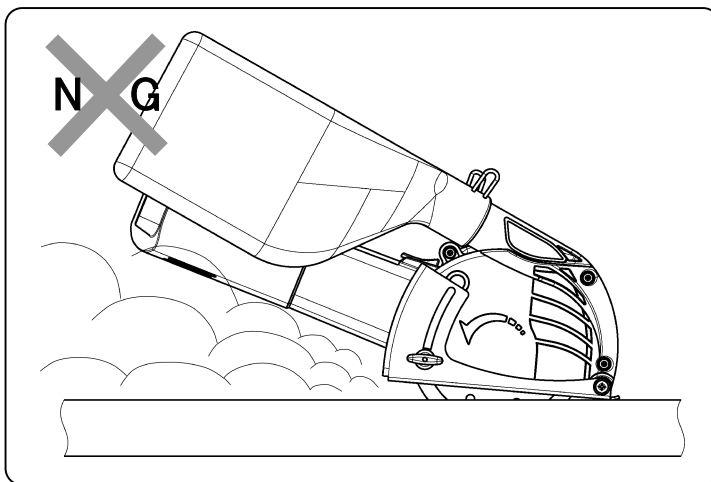
CUTTING (SELF VACUUM)



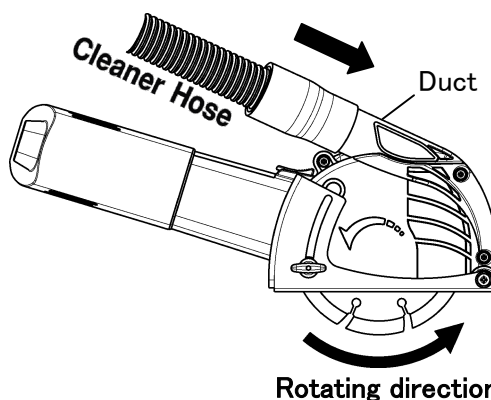
**CUTTING
DIRECTION**

Surely connect [b] Dust Bag to the duct,
then turn the Grinder on and start cutting.
Dust Bag should be emptied with every 3m of cutting.
[CAUTION]

1. Confirm the direction of cutting and Blade rotation.
2. Keep NO gap between the material, otherwise the dust should leak out from the bottom.
3. Keep closing the Base, otherwise the dust should leak out from the opening.
4. Do NOT use worn-out blade, otherwise the dust collection performance should be dropped off.
5. Confirm that the fastener of the Dust Bag is securely closed.
6. Do NOT wash the Dust Bag.



CUTTING (WITH CLEANER)



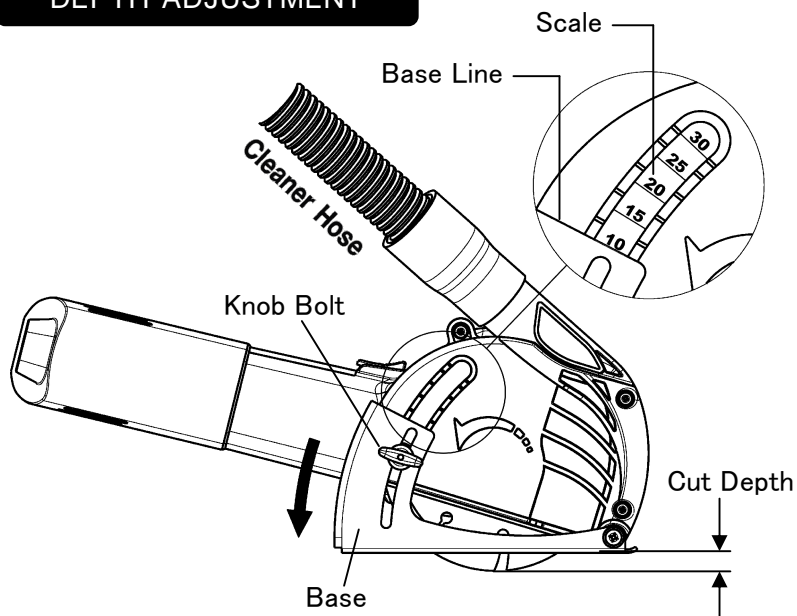
**CUTTING
DIRECTION**

Surely connect Cleaner Hose to the duct of Main Unit,
then turn Grinder/Cleaner on and start cutting.

[CAUTION]

1. Confirm the direction of cutting and Blade rotation.
2. Keep NO gap between the material, otherwise the dust should leak out from the bottom.
3. Do NOT use worn-out blade, otherwise the dust collection performance should be drop off.
4. Use proper adapter between Duct and Hose.
(Duct diameter : 34mm)

DEPTH ADJUSTMENT

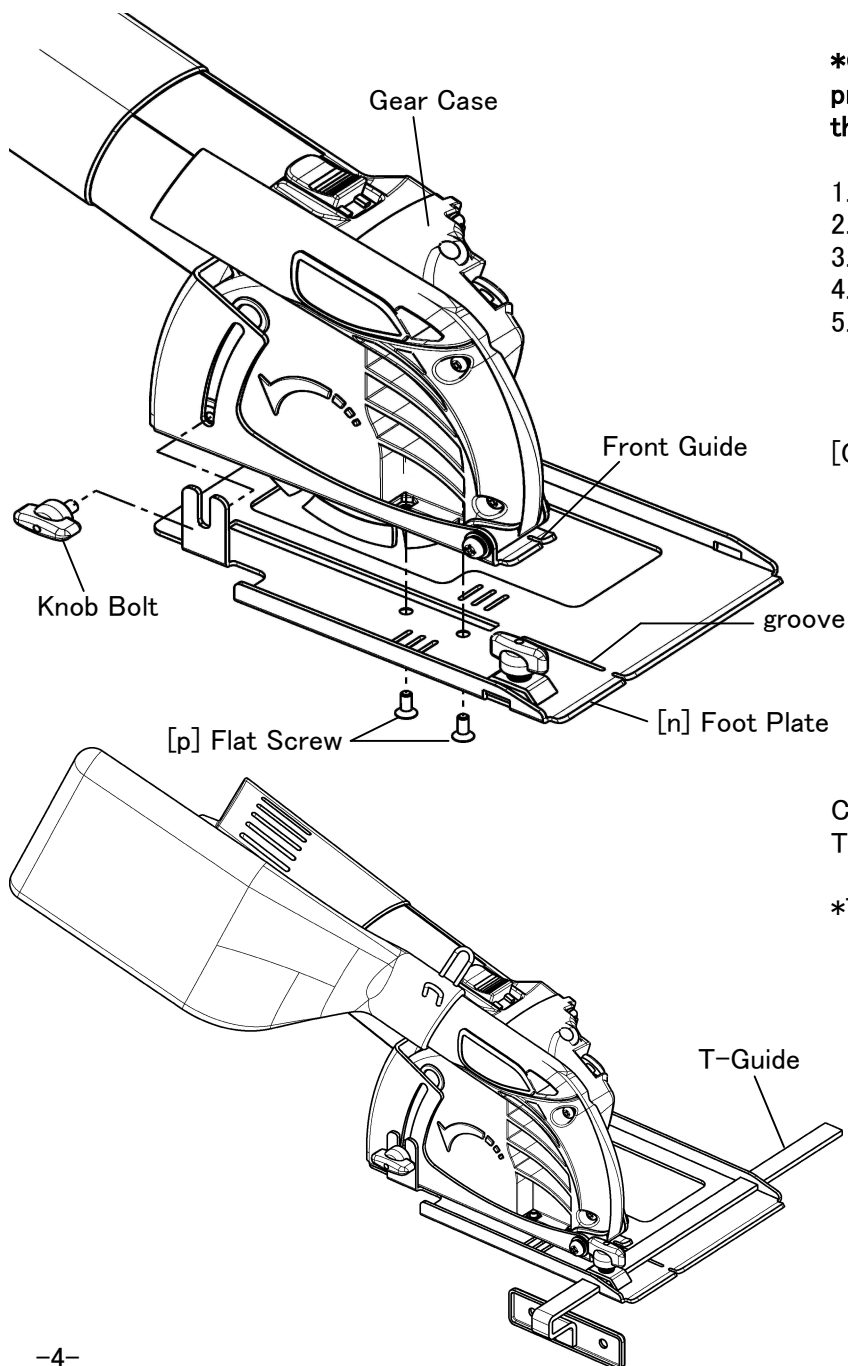


1. Loosen the Knob Bolt.
2. Set the Base line with the Scale line of requiring cut depth.
3. Tighten the Knob Bolt.

[CAUTION]

- (1) Surely connect with Cleaner, otherwise the dust can not be collected.
- (2) Use the scale just for a reference.

FOOT PLATE INSTALLATION



***G13SB3/SE2 need [n] Foot Plate to offset the projecting of Gear Case of the Grinder beyond the bottom surface.**

1. Complete the installation of Grinder and Blade.
2. Loosen the Knob Bolt.
3. Set the Main Unit on [n] Foot Plate.
4. Tighten Knob Bolt.
5. Tighten [p] Flat Screws from the bottom surface, with the Front Guide matched with the groove of the Foot Plate.

[CAUTION]

Blade Change and Depth Adjustment is impossible when using with Foot Plate.

Connect Dust Bag or Cleaner to the duct.
T-Guide (Bar 12 x 3) is adaptable.

*T-Guide : Optional.

