Mounting procedure

1. Locate position on blade guard free of possible guard interference
2. Locate centerline of blade on guard
3. Locate center point of nozzle (See hole template)
4. Align template with blade centerline and center-punch holes
5. Remove template -> drill or punch 1.05/1.25 Mounting hole for nozzle body
6. Flange attachment options:

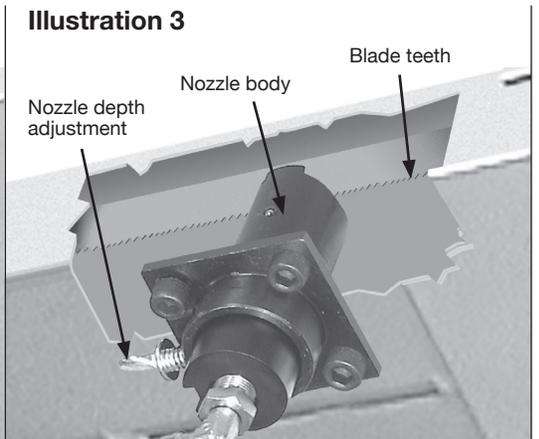   Option 1 - Drill (2) to (4) flange mounting holes of desired size for securing flange to blade guard
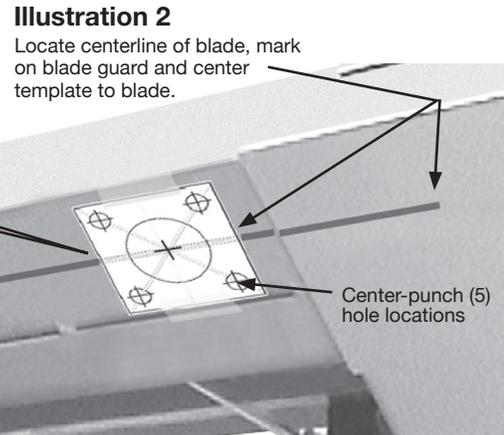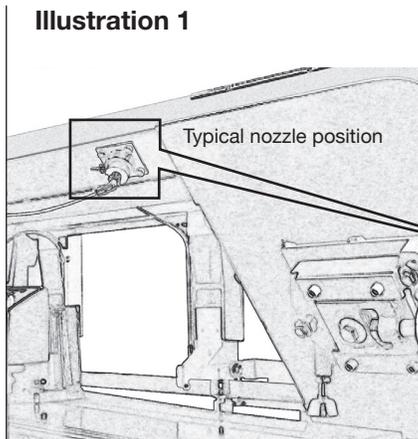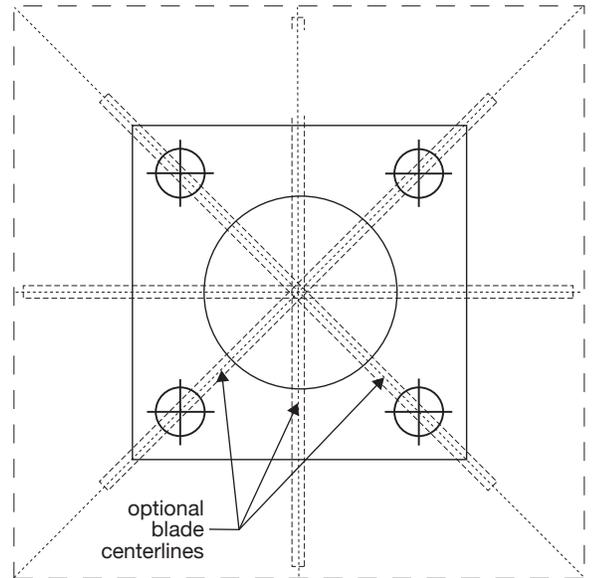
    Option 2 - For securing with screws - drill and tap (2) to (4) holes for 1/4-20 NC, or smaller depending on mounting screw size

    Option 3 - Weld or braze flange to guard

7. Install flange
8. Install and adjust nozzle to blade - See illustration 4

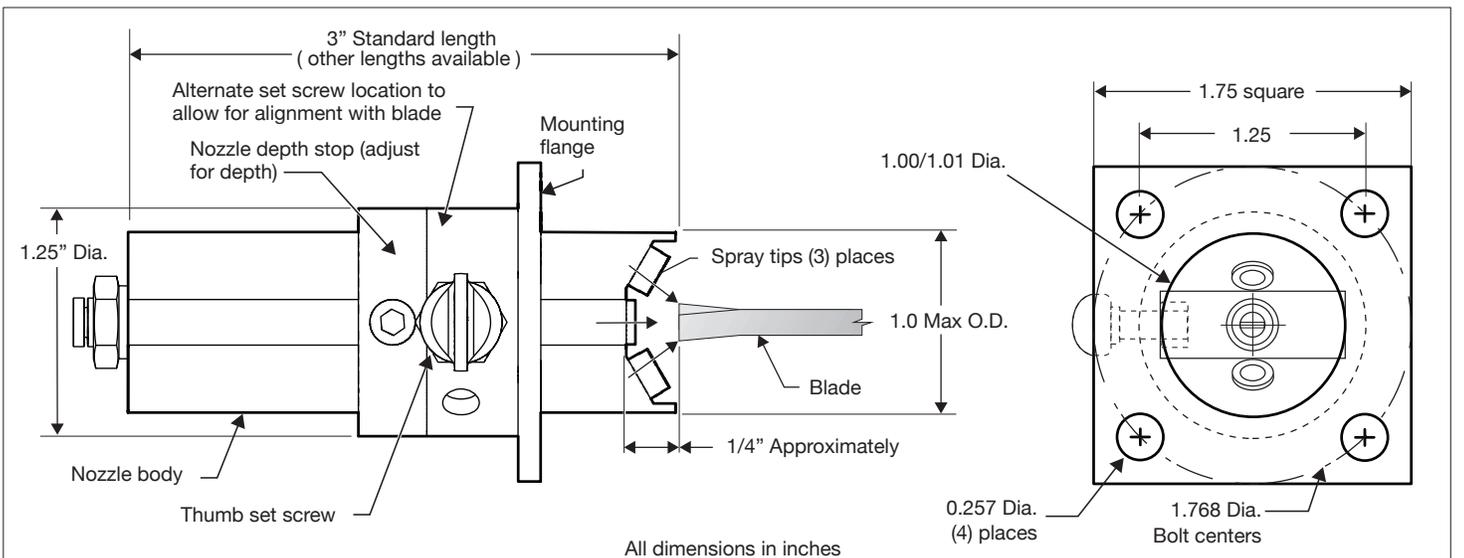**NOTE:** For best results, use nozzle with Unist Coolubricator and Coolube lubricant.

Cut out template and place on blade guard
(Actual size mounting flange hole pattern template)

optional blade centerlines

Illustration 1

Typical nozzle position

Illustration 2

Locate centerline of blade, mark on blade guard and center template to blade.

Center-punch (5) hole locations

Illustration 3

Blade teeth

Nozzle body

Nozzle depth adjustment

Typical installation position of nozzle on horizontal or vertical band saw. Back side of typical horizontal saw shown.
NOTE: Nozzle can be positioned anywhere along the blade, but must apply fluid directly to the teeth.

Illustration 4

3" Standard length (other lengths available)

Alternate set screw location to allow for alignment with blade

Nozzle depth stop (adjust for depth)

Mounting flange

1.25" Dia.

Spray tips (3) places

1.0 Max O.D.

Blade

1/4" Approximately

Nozzle body

Thumb set screw

1.75 square

1.25

1.00/1.01 Dia.

0.257 Dia. (4) places

1.768 Dia. Bolt centers

All dimensions in inches

Mounting procedure

1. Locate position on guard free of possible guard interference.
2. Locate centerline of blade on guard.
3. Locate center point of nozzle (See hole template)
4. Align template with blade centerline and center-punch holes.
5. Remove template & drill or punch 1.05/1.25" clearance hole for nozzle body.
6. Flange attachment options:

   Option 1 - Drill (2) to (4) flange mounting holes for securing flange to housing with rivets.

   Option 2 - For securing with screws - drill and tap (2) to (4) holes for 1/4-20 NC, or smaller depending on mounting screw size.

   Option 3 - Weld or braze flange to guard.

7. Install flange
8. Install and adjust nozzle to blade - See illustration 4

Illustration 1

Nozzle assy. - diagonally mounted

Blade housing

Safety guard

Blade

Safety guard - end of travel

NOTE: To prevent interference when machines screws are used to mount flange to housing, use 1/4-20 set screw to lock nozzle to flange

Nozzle assy. - horizontally mounted

Attachment options: machine screws, pan head screws, rivets, weld.

Cut out template and place on blade guard
(Actual size mounting flange hole pattern template)

blade centerline
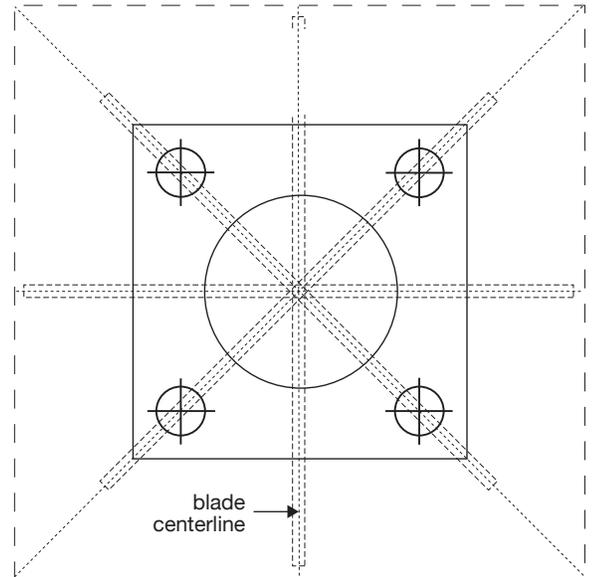
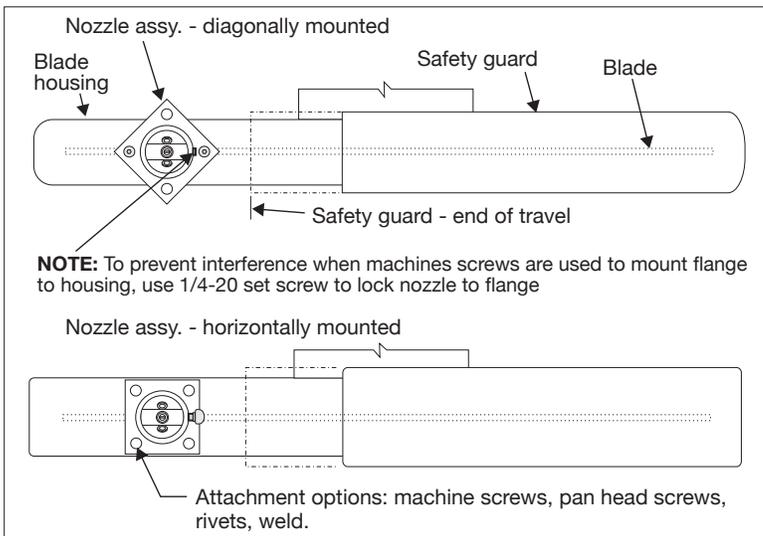**NOTE:** For best results, use nozzle with Unist Coolubricator and Coolube lubricant.
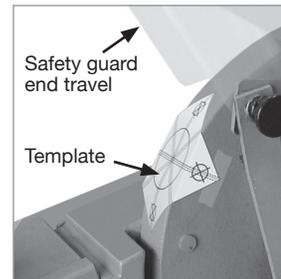
Illustration 2

Safety guard end travel

Template

Illustration 3

See Illustration 4 for nozzle to blade alignment details

Illustration 4

1-5/8" Length shown
(3" standard. Longer lengths available)

Nozzle depth stop (adjust for depth)

Set screw

1.25" Dia.

Nozzle body

Mounting flange

Nozzle depth adjustment

All dimensions in inches

Spray tips (3) places

Blade

1.0 Max O.D.

1/4" approximately

1.00/1.01 Dia.

1.75 Square

1.25

0.257 (4) places

1.768 Bolt centers