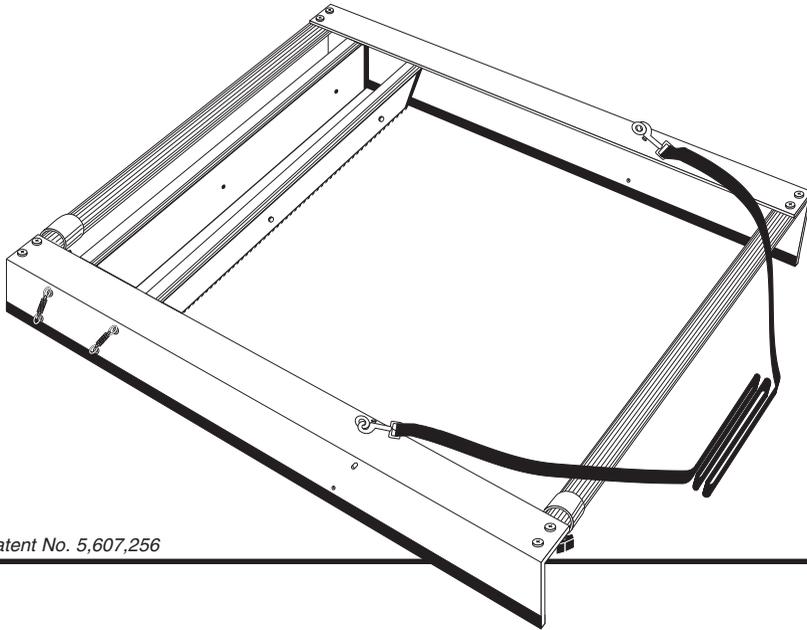


Instructions and Parts List for  
**GUNDLACH**  
No. 636 Superspreader™ Frame

*Spreads mortar and grout from a standing position in much less time!*



U.S. Patent No. 5,607,256

**For mortar application:**

- Superspreader width is adjustable from 24" to 40".
- Up to 20 lineal feet (at a rate of 120 sq. ft. per minute) of mortar can be trowelled in less than 30 seconds!
- Evenly distributes mortar in a straight combed direction. This allows uniform collapsing of mortar ridges helping assure 100% coverage.
- Uses two 24" Superspreader Trowel Blades in the forward Spreader Bar.

**For grout application:**

- Superspreader width is fixed at 24".
- Spreads grout at up to 60 sq. ft. per minute.

- Uses two Superspreader Grout Float Pads with one pad mounted in the forward Spreader Bar for joint packing and the other pad mounted in the rear Spreader Bar for cleaning excess grout from the tile.

**For both applications:**

- Spring loaded Spreader Bars assure Trowel Blades and Grout Float Pads always contact the surface.
- Reversible Nylon Skids prevent premature wear of Frame Angles while spreading mortar and prevent scratching tile while grouting.
- Holds 50 pounds (dry weight) of mixed mortar or grout.

## No. 636 Superspreader Frame Parts List

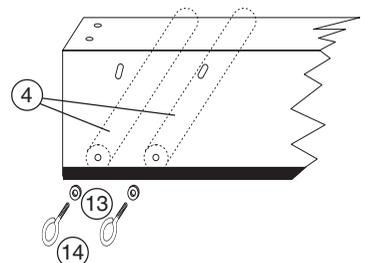
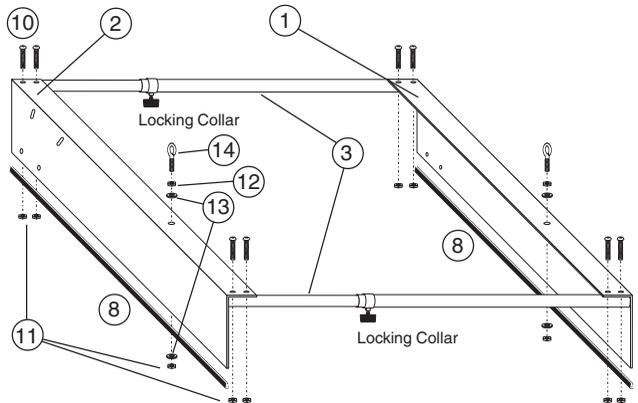
Key	Item Number	Qty. Req.	Description
1	636-01	1	Right Hand Frame Angle
2	636-02	1	Left Hand Frame Angle
3	636-03	2	Width Adjustment Tube Assembly
4	636-04	2	Stabilizer Tube Assembly
5	636-05	2	Spreader Bar Assembly
6	636-06	4	7/16" x 1-1/2" Coil Spring
7	636-07	1	12' Strap with Bolt Snaps
8	636-08	2	30" Nylon Skid
9	636-09	4	3" Nylon Wiper
10	636-10	8	1/4-20 x 1-1/2" Phillips Screw
11	636-11	10	1/4-20 Nylon Insert Lock Nut
12	636-12	2	1/4-20 Hex Nut
13	636-13	12	1/4" Washer
14	636-14	8	1/4-20 x 1-1/2" Eye Bolt
15	636-15	2	1/4" x 1-1/2" Eye Screw
16	636-16	6	1/4-20 x 1/2" Weld Screw
17	636-17	6	1/4-20 High Crown Acorn Nut
18	636-18	6	1/4" Washer
19	WGN	6	1/4-20 Wing Nut
20	636-43	2	Superspreader Grout Float Pad
21	636-(notch)	2	Superspreader Trowel Blade

## Assembling the No. 636 Superspreader Frame

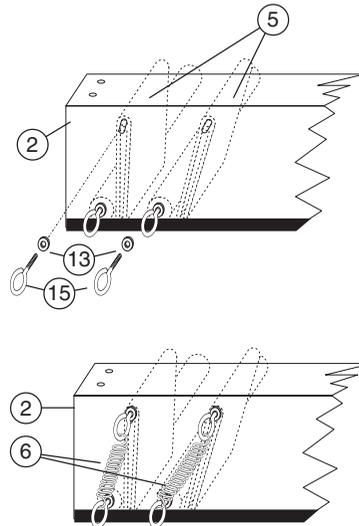
**Tools needed:** Phillips screw driver, needle nose pliers and 7/16" open end wrench.

To assemble the Superspreader frame:

1. Lay out the Right Hand Frame Angle (1), the Left Hand Frame Angle (2) and the two Width Adjustment Tube Assemblies (3) to form a square.
2. Install the Width Adjustment Tube Assemblies (with the locking collar knobs down as shown) to each Frame Angle using eight Phillips Screws (10) and eight Nylon Insert Lock Nuts (11). *Do not overtighten—which could crush the Width Adjustment Tube Assembly and prevent complete closure (to 24") of the Superspreader.*
3. Thread a Hex Nut (12) onto an Eye Bolt (14) and slide a Washer (13) onto the Eye Bolt. Then, insert the Eye Bolt in the holes on the top of the Right Hand Frame Angle and install a Washer (13) and Nylon Insert Lock Nut (11) to the Eye Bolts. Repeat this step for the Left Hand Frame Angle.
4. Press a Nylon Skid (8) onto the bottom of each Frame Angle.
5. Install two Stabilizer Tube Assemblies (4) to each Frame Angle using four 1/4-20 Eye Bolts (14) and four washers (13). Hand tighten Eye Bolts so they align with slots in the Frame Angles.

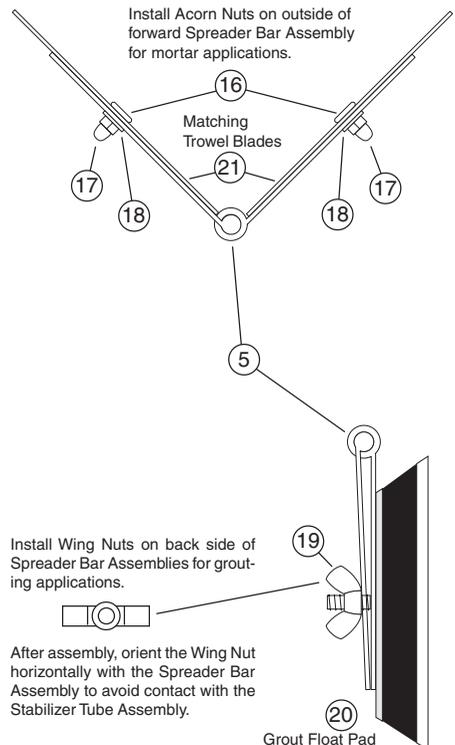


6. Install four 3" Nylon Wipers (9; not shown) to the edges of both Spreader Bar Assemblies (5) that always contact the Frame Angles. These four edges are the two edges of both Spreader Bar Assembly blades with the brass insert, and the two edges at the opposite end of both Spreader Bar Assembly blades without the brass insert.
7. Orient Spreader Bar Assemblies so the ends with brass inserts face the Right Hand Frame Angle (1).
8. Install a Spreader Bar Assembly (5) to the front oblong hole using a 1/4-20 Eye Bolt (14) and Washer (13) on the end with the brass insert, and a 1/4" Eye Screw (15) and Washer (13) on the other end.
9. Repeat Step 8 to install the rear Spreader Bar Assembly.
10. Tighten Eye Bolts and Eye Screws until snug, then back off about 1/2 turn. The Spreader Bars should move up and down freely in the oblong holes.
11. Attach four Coil Springs (6) from the Spreader Bar Eye Bolts to the Stabilizer Tube Eye Bolts on each side of the frame as shown at right.
12. Attach the Strap with Bolt Snaps (7; not shown) to the Eye Bolts on the top of the frame.



### Setting Up Superspreader System for Mortar Spreading Application

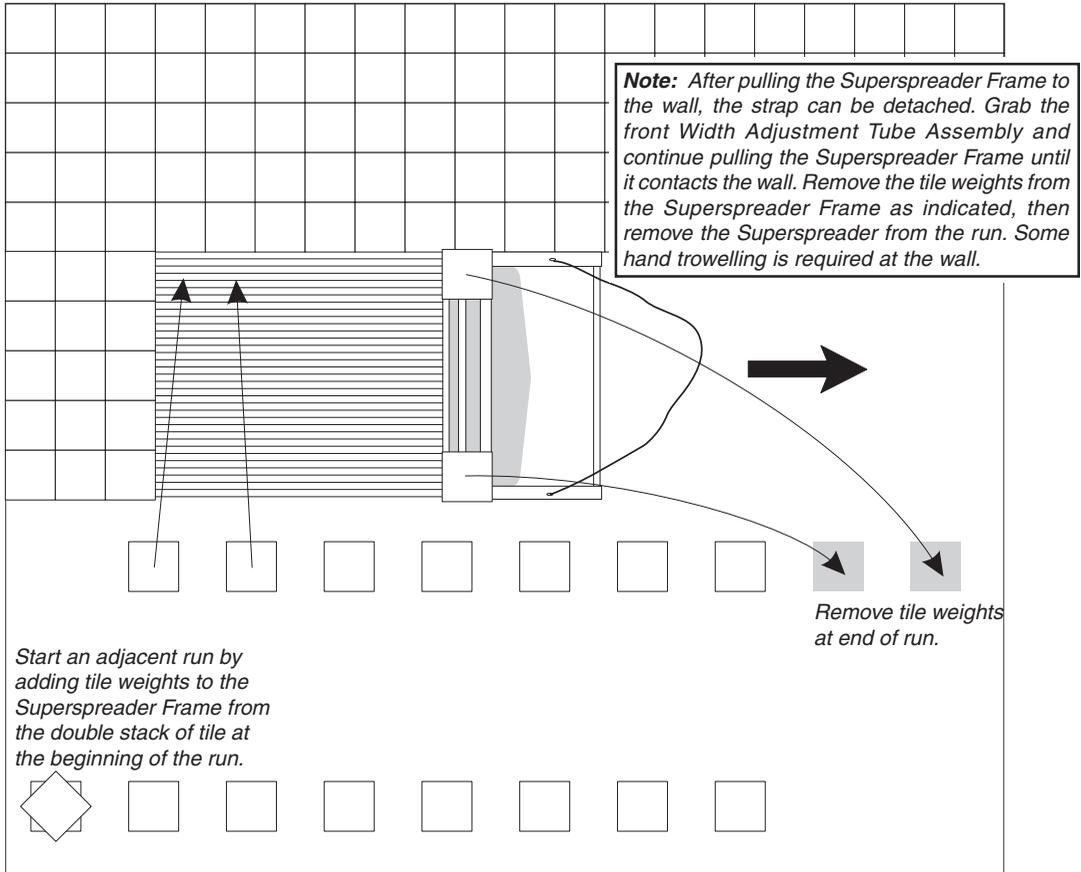
1. Remove Grout Float Pads. (Store Wing Nuts on the float studs.)
2. Turn Superspreader Frame over and open forward Spreader Bar Assembly (5).
3. Orient two matching Trowel Blades (21) so that the ends have notches against each Frame Angle.
4. Install trowel blades to the inside of the forward Spreader Bar Assembly using six Weld Screws (16), six washers (18), and six High Crown Acorn Nuts (17). Install these screws from the inside out with Acorn Nuts on the outside. Leave nuts loose until you turn the Superspreader Frame over and make sure bottoms of both blades are flush with a flat surface.
5. Tighten Acorn Nuts (no need to hold screws on inside while tightening).



### Setting Up Superspreader System for Grout Spreading Application

1. Remove Trowel Blades from the forward Spreader Bar Assembly.
2. Close (adjust) frame width until the holes in the Spreader Bar Assemblies line up.
3. Install Grout Float Pads (20) to the front and rear Spreader Bar Assemblies with Wing Nuts (19). *Orient horizontally and do not overtighten.*

## Using the No. 636 Superspreader System



### Mortar Applications

The diagram above shows a typical procedure for spreading mortar and laying tile. The Superspreader configuration shown is a 40" spread for 8" ceramic tile.

**Note:** To obtain proper mortar flow through the trowel notches, start pulling the Superspreader slowly. Increase pulling speed once proper mortar flow is achieved.

### Grouting Applications

For grouting applications, the tile should first be dampened by pulling a wet towel over the tile. The towel can be wrapped around a broom to do this while standing.

It is best to apply grout at a 45° angle to the tile joints. This reduces pulling grout from the joint by the float pads. A hand float is required around the perimeter of the tiled area.

### Both Applications

For both applications, using 3-4 tiles per side as weights on the rear of the Superspreader Frame compresses the Spreader Bar Assemblies to assure that the Trowel Blades and Grout Float Pads always contact the surface. Clean up with a sponge or scrub brush and water. If available, a hose speeds cleanup.



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