

Screw Type Brooch Finding

The screw type brooch finding will easily become a part of your latest creation with very little effort and a very professional look.

Art Clay Screw Type Brooch Finding

Art Clay Silver Syringe Type (recommended) or Paste Type

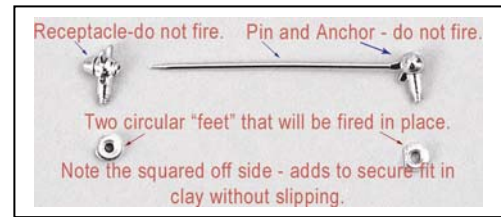
Art Clay Silver Oil Paste (only if securing finding to pre-fired piece)

Tweezers

Glue – E-6000, epoxy or jewelers glue

Paintbrush

Craft Knife



There are two basic ways to apply the brooch finding. The first involves securing the head and foot of the pin into unfired clay. The second involves placing the pieces onto a piece of fired Art Clay with oil paste.

Process:

Create your jewelry piece. **Align finding:** Assemble the brooch pin and test fit the finding for length against your brooch. The two ends should be placed on the brooch so that the piece will hang evenly – not droop or appear top heavy. The pin tip should extend slightly past the receptacle after firing in order to hold the brooch securely. When test fitting the feet for length, allow for shrinkage of the metal clay. If the pin extends too far past the receptacle after firing, the pin tip may be cut and re-filed to a sharp point. When attaching the finding to pre-fired metal clay, you do not need to allow for shrinkage of the brooch.

Method 1: Ideally, this brooch finding was designed for the artist to be able to push the “feet” into the soft clay. Individual designs may not make this possible without damaging the front of the piece. Assemble the anchor and receptacle by screwing them into the circular feet. This will not only give you something to hold onto, but will keep excess syringe from getting into the screw threads. (If excess syringe is allowed to remain in screw threads during firing, the findings will not be able to be screwed in place.) The feet should be imbedded into the clay surface up to the first ridge of the foot. Make sure that each foot is aligned properly and is level so that the pin is functional. Secure finding with syringe and blend. When properly imbedded and blending completed, the finding should look like it is part of the brooch. (Note that the round circular base of the foot has a squared off side. This is to make the foot more secure so that it does not rotate in the brooch.) Allow piece to dry thoroughly. Carefully unscrew the anchor and receptacle, being very careful as not to disturb the circular feet. Do any refining of the piece at this time, being cautious not to get anything into the threads.

Method 2: If it is not possible to work in soft clay, try this method: First, allow piece to dry. Test fit your finding. Using the tip of your craft knife, carve out an indentation the size of each circle. Fill each carved out area with syringe type. Assemble the anchor and receptacle by screwing them into the circular feet. This will not only give you something to hold onto, but will keep excess syringe from getting into the screw threads. With the anchor and receptacle screwed into the circular feet, insert the feet up to the first ridge. (If excess syringe is allowed to remain in screw threads during firing, the findings will not be able to be screwed in place.) Blend with paint brush tip to give the piece a professional look. Dry thoroughly. Carefully unscrew the anchor and receptacle, being very careful as not to disturb the circular feet. Do any refining of the piece at this time, being cautious not to get anything into the threads.

Method 3: Another method of setting the feet is provided by Art Clay Senior Instructor Carol Babineau: In the case of a brooch being too thin of a design or too complex of a design to allow for the carving out of the little circles, make two little



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balls of soft clay. Press each foot into one of the little balls and adhere the balls to the back of the brooch with paste or syringe. Use paint brush to blend the balls down to the piece so that the findings look as if they have risen from the back of the brooch. See photo. Dry piece thoroughly, unscrew anchor and receptacle from feet. Refine piece and fire.

Firing: Fire piece according to the temperature for the type of clay you are using. Finish piece and screw in the anchor and receptacle to line them up. Unscrew each one and place a drop of glue such as E-6000 or epoxy into the opening. Quickly screw the finding in place, making sure it is properly aligned. Now, do the same to the second foot. Allow glue to dry fully before wearing.

Attaching Screw Type Brooch Finding to Pre-Fired Silver:

Clean piece thoroughly with denatured alcohol. If possible, file down small notch area in which to place circular feet.* Insert small amount of Art Clay Oil Paste into area. With the anchor and receptacle screwed into the circles, insert the finding up to the first ridge. This will not only give you something to hold onto, but will keep excess syringe from getting into the screw threads. (If excess syringe is allowed to remain in screw threads during firing, the findings will not be able to be screwed in place.) Blend with paint brush tip to give the piece a professional look. Dry thoroughly. Carefully unscrew the anchor and receptacle, being very careful as not to disturb the circular feet. Do any perfecting of the piece at this time, being cautious not to get anything into the threads.

*If design will not allow for filing notched area, apply Oil Paste to location and attach circular foot. Allow to dry thoroughly. Fill in around base as necessary to have a sculptured look and blend (as in photo above). Carefully unscrew the anchor and receptacle; refine piece and fire at 1472°F for 30 minutes. Oil Paste must be kiln fired at least at 1472°F.

After firing and finishing of piece, screw in both ends of finding to align. Remove one at a time, place a drop of epoxy or E-6000 glue into the threads and screw the finding in place, aligning both ends so that the pin is functional.