

Technical Bulletin 400



Shim Shape Recommendation for Leveling Equipment

Five Star Products recommends that bearing plates and steel shims used to adjust and level equipment have radiused corners to reduce the risk of cracks which could arise from potential stress concentrations created by sharp corners.

This recommendation notwithstanding, Five Star Products is aware that square shims have been used successfully on past projects. To help reduce the chance of cracking, square shims should be placed a minimum of two inches from the exterior edge of the plate and the shim edges should be aligned and parallel to the edge of the plate. Despite these precautions cracks may still result.

Five Star Products promotes proper precision grouting placement and curing methods to help reduce the chance of cracking, however cracks may still occur and may be caused by factors unrelated to shims.

It is the ultimate responsibility of the design authority for the project to determine if the grouting application is appropriate for the project design standard.

For information 1-800-243-2206 ▪ [FiveStarProducts.com](https://www.FiveStarProducts.com)

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