



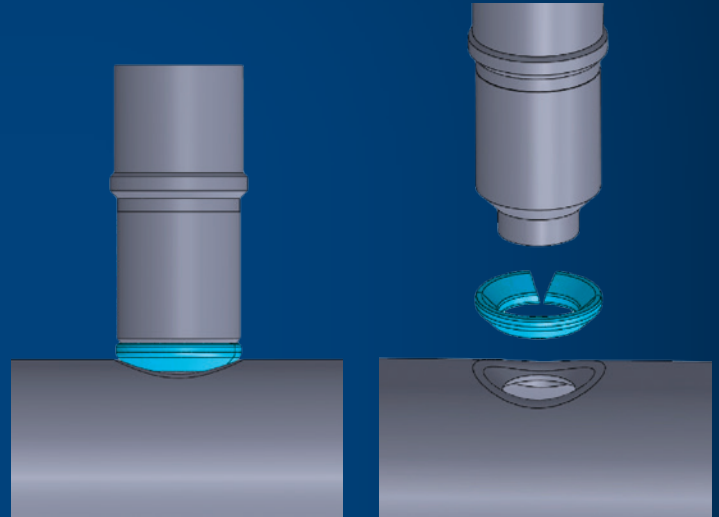
CONE CORED™

A washer designed specifically to braze tapered valve joints

Lucas Milhaupt, the industry leader in brazing solutions, introduces Cone Cored, the flux cored solution for tapered joint brazing. Better fit, shorter cycle time, stronger joints.

Maximum Contact

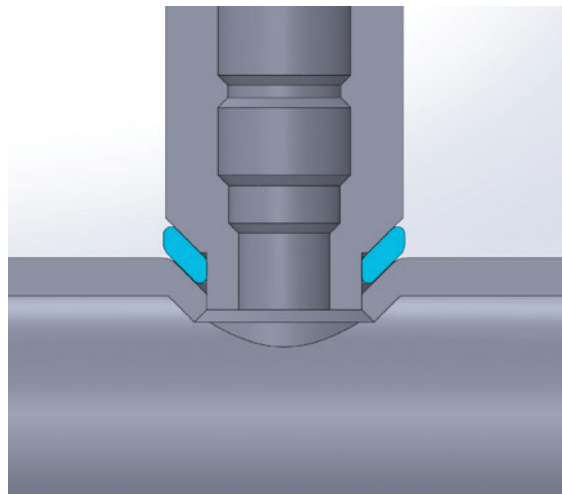
Cone Cored offers a flux cored washer design with superior contact to existing preforms when brazing a Schrader valve or tapered joint. The increased contact with the Cone Cored design allows for more heat transfer which promotes a shortened braze cycle time. Existing market products can have issues with alloy flowing away from the joint causing joint starvation, joint porosity, and high scrap rate. The increased contact and fit with the new Cone Cored design allows alloy flow to stay within the joint, increasing joint strength, and first pass yield.



All In One Solution

Your trusted partner in all things brazing, Lucas Milhaupt works relentlessly to provide innovative joining solutions.

That's why the Cone Cored design creates an easier assembly that won't require the use of excess force to secure the washer before brazing. The flux cored design eliminates the need for an operator to apply an uncontrollable amount of flux or make frequent adjustments to the process. The improved design allows the operator to focus on brazing instead of flux distribution and valve perpendicularity. Visually the Cone Cored braze joint has a cleaner and more consisted aesthetic finish.



Why Cone Cored?

- Controlled seam positioned at the ID allows consistent directional alloy flow to the joint.
- Alloy close to the joint increases first pass yield and reduces scrap.
- Maximum direct surface contact with the base metals shortens braze cycle time through improved thermal transfer.
- Flux is protected from the heat to ensure it activates at the appropriate time.
- No additional flux is required for brazing.
- Heat can be applied closer to the joint without the risk of spill over due to improved alloy location.
- Improved preform fit simplifies fixturing.
- Superior joint aesthetics reduces visual inspection time.
- Consistent alloy to flux ratio improves process stability.
- Better fit reduces the need to force the valve when seating a tapered joint.

