

Up to 40% faster piercing on thick steel plates.

Thermal Dynamics new QuickPierce function reduces piercing time on 400A systems by up to 40% on mild steel thicknesses ranging from 1-1/4" to 2" (30 to 50 mm). Faster piercing time reduces cycle time, especially for plates with a complex parts nest.

Improved robustness of the front-end components on the 400A consumables and other arc starting enhancements increase parts life, allowing to cut longer between consumable changes and lowering total cut cost.

Overall, new parts robust design, sophisticated pressure management and new process setup provide large improvements in cut performance for heavy duty applications.

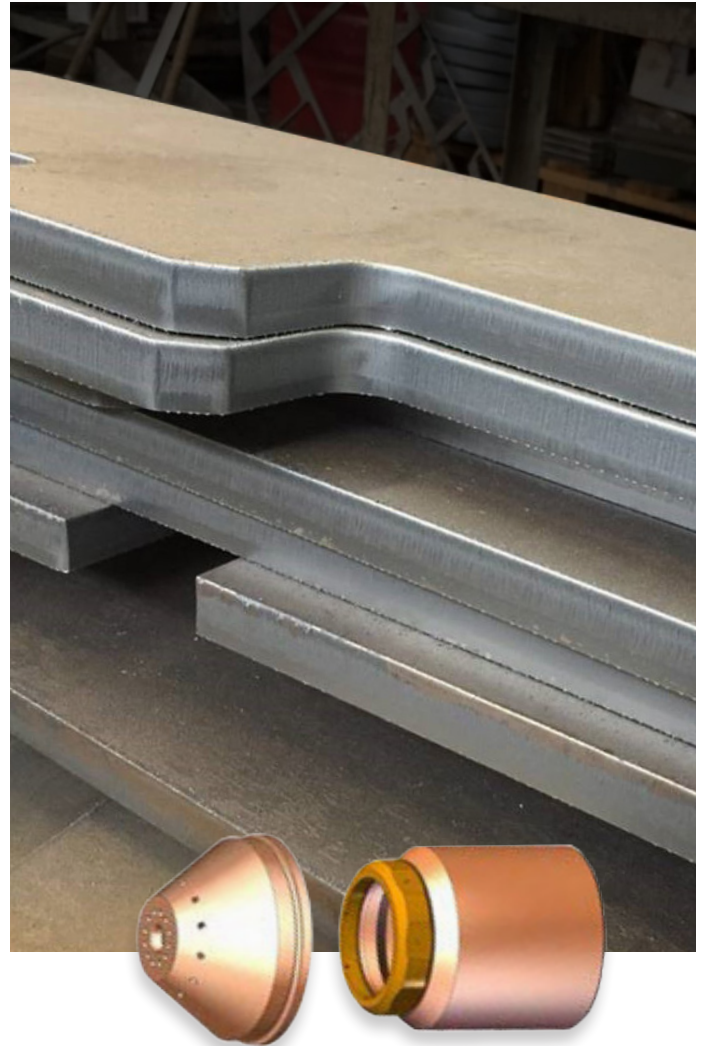
Key benefits of 400A QuickPierce parts for mild steel:

- Reduced piercing time on thick 2" (50 mm) plates by 40%
- Less slag build-up on the top of the plate and on torch parts due to smaller piercing hole. This reduces the necessary lead length
- More robust front end parts provide longer life even while cutting thick plate
- Fewer part changes leads to more uptime & higher productivity
- Overall faster plate cutting

New 400A QuickPierce consumable parts are specifically designed for cutting thicker mild steel plates above 1-1/4" (30 mm). Existing parts are still available for thinner plates.

Use QuickPierce parts with the iCNC Performance to achieve further performance advantages:

- Pierce on the fly
- Pierce puddle avoidance



Note: Similar to the existing 400A mild steel parts new QuickPierce parts require a torch height control with retract (elevation) function. Performance with the GCM 2010 will result in lower parts life