



MTC POWDER SOLUTIONS

NEAR-NET SHAPE HOT ISOSTATIC PRESSING

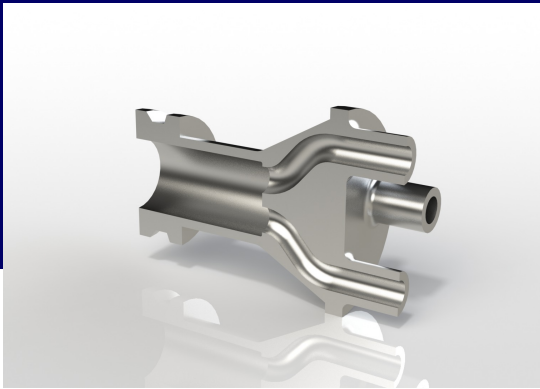
*MATERIALS FOR CRITICAL APPLICATIONS IN
DEMANDING ENVIROMENTS*

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WHY IS IT USED?

REDUCES FABRICATION DUE TO NNS HIP FREEDOM IN DESIGN BENEFIT



REDUCE MACHINING

Make bores without
machining



INTEGRATE FEATURES

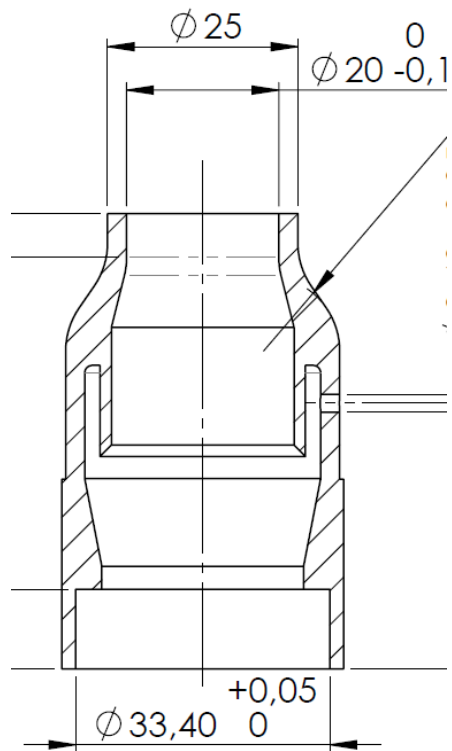
Integrate flanges by HIP
instead of welding



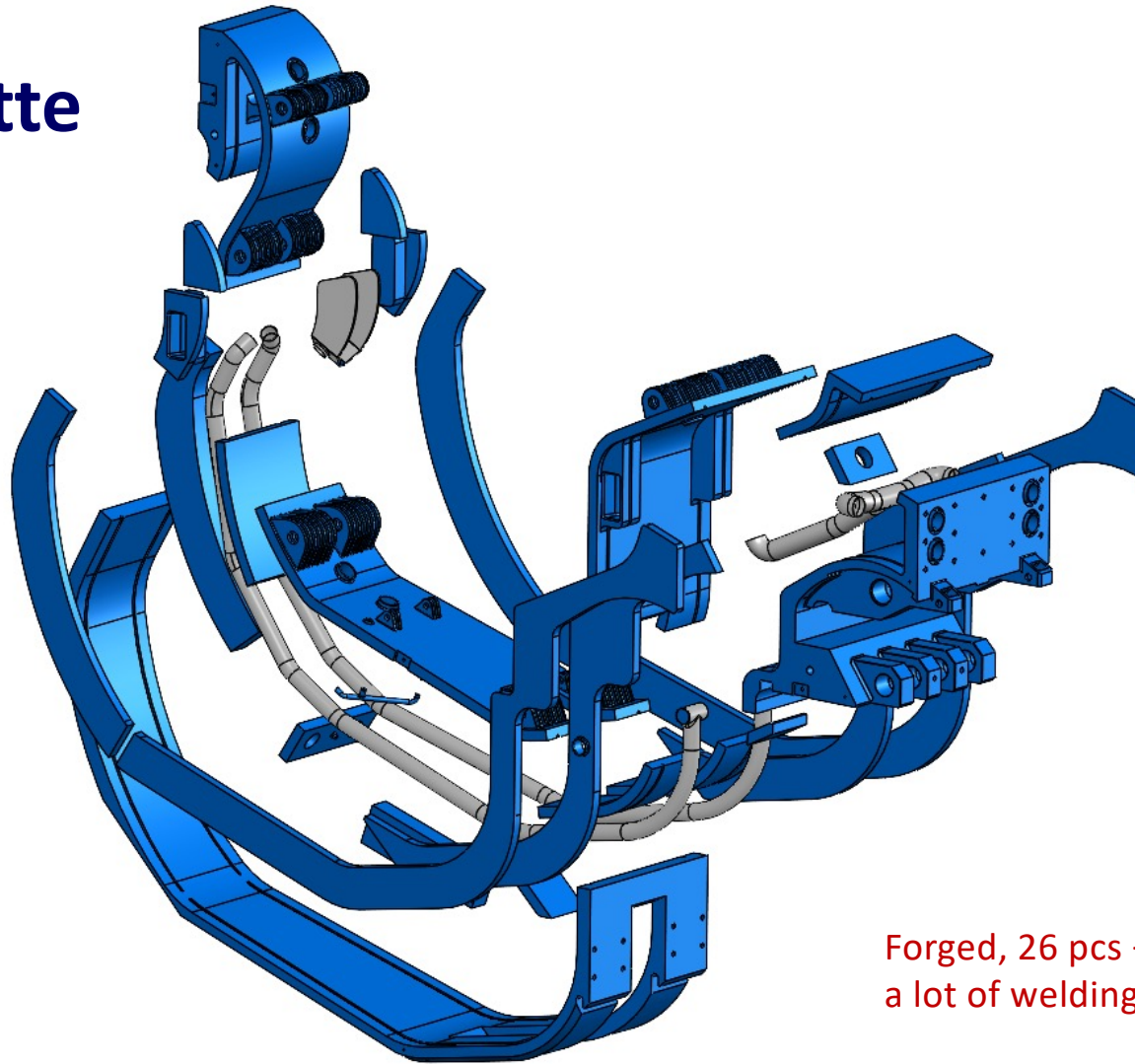
REMOVE WELDS

Combine multiple
components to one

Nozzle

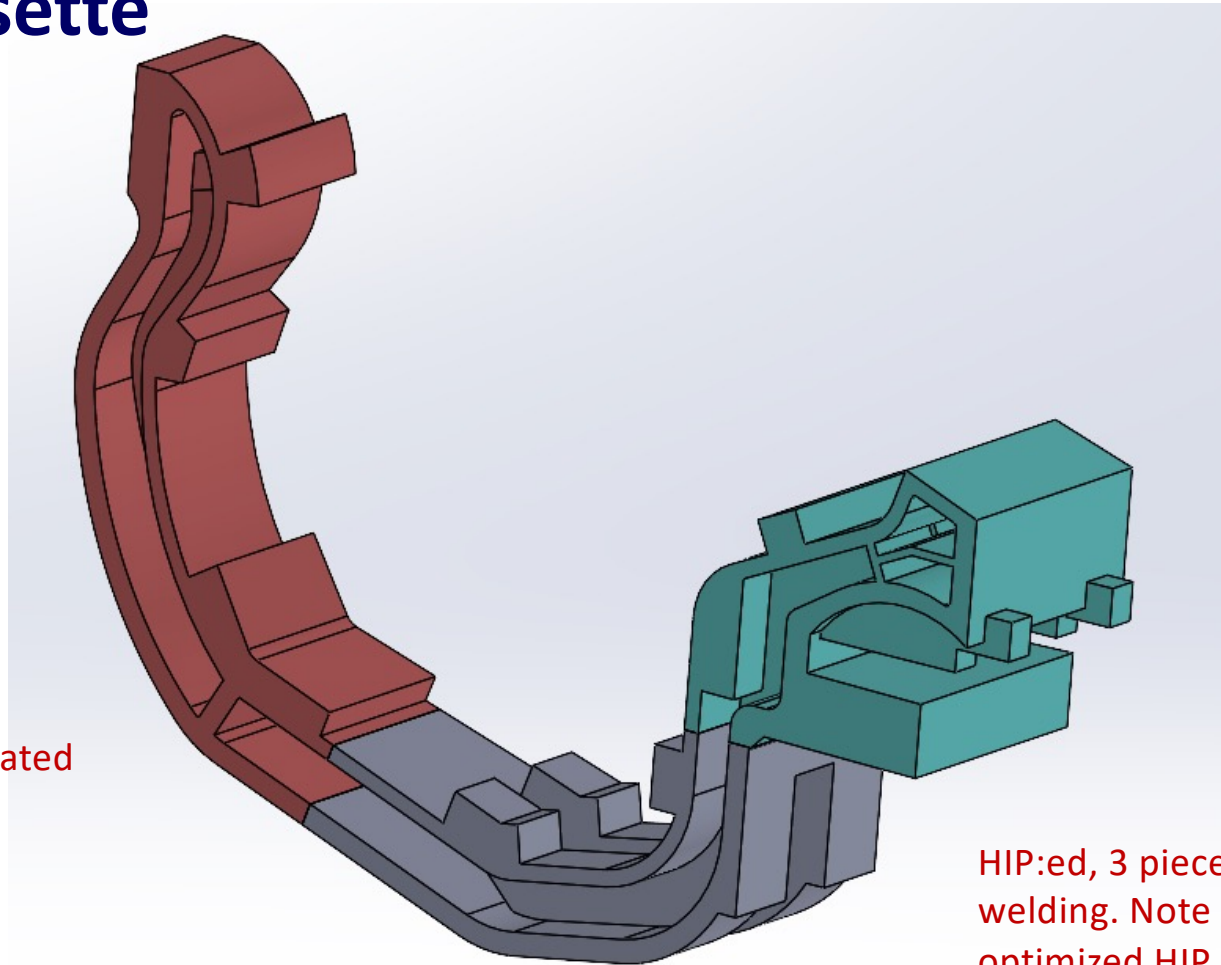


Diverter Cassette



Forged, 26 pcs + about 10 pipes =
a lot of welding

Diverter Cassette



- >5000 kg (as HIP:ed)
- All internal bores integrated

HIP:ed, 3 pieces = minimal welding. Note UT design, not optimized HIP