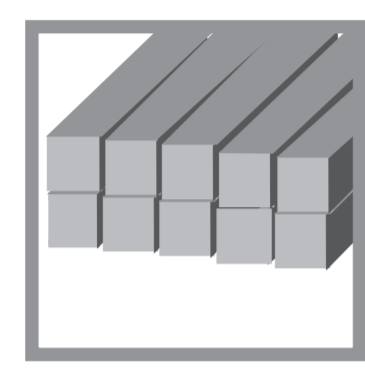


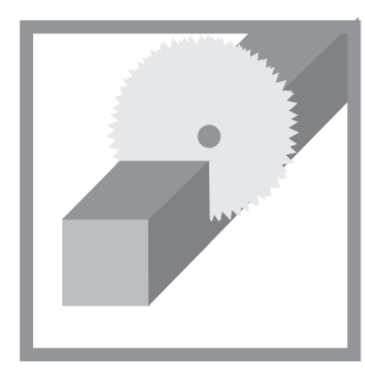
T1
FROM
BILLET



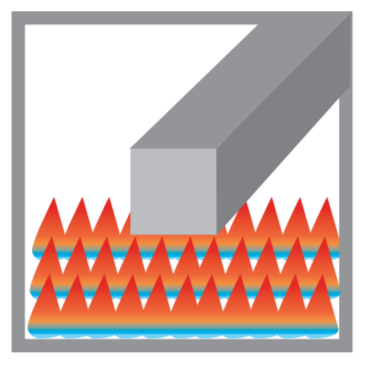
START
OF
CYCLE



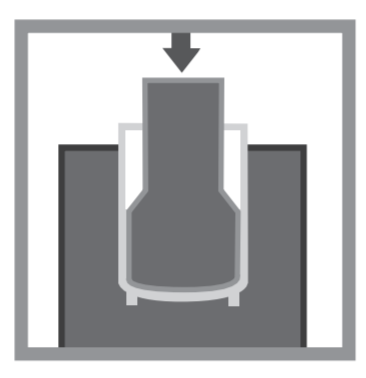
STEEL
BILLETS



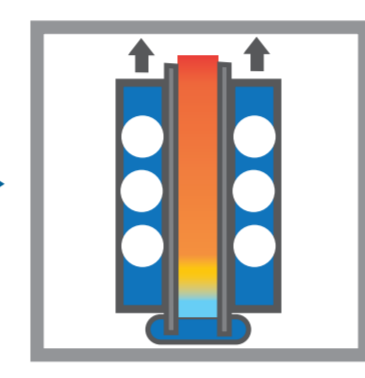
BILLET
PREPARATION



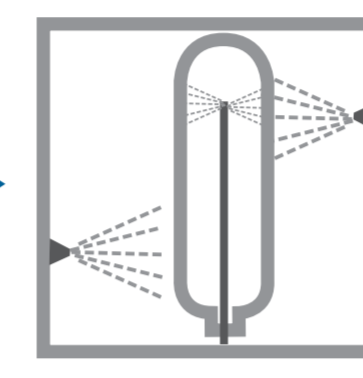
BILLET
HEATING



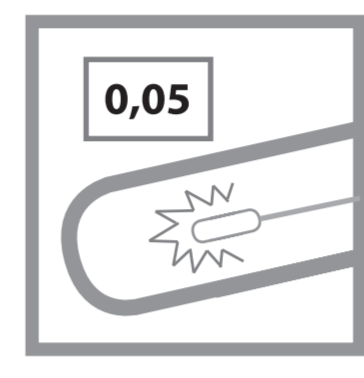
CUPPING
HOT PIERCING
AND BASE
FORMATION



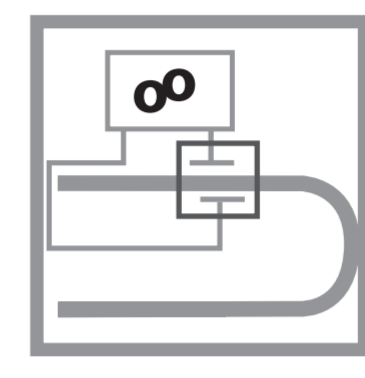
WALL
THICKNESS
REDUCTION



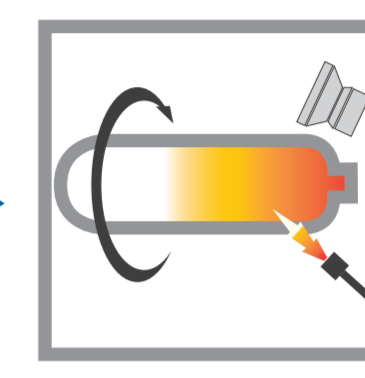
SHOT
BLASTING



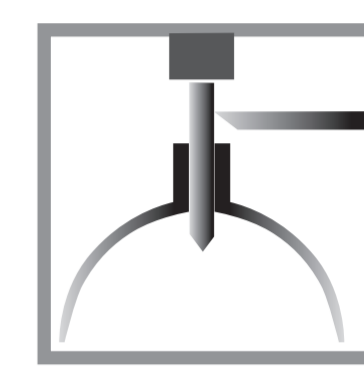
SHELL
INSPECTION



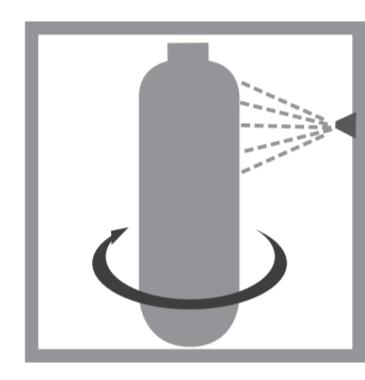
SURFACE
TESTING



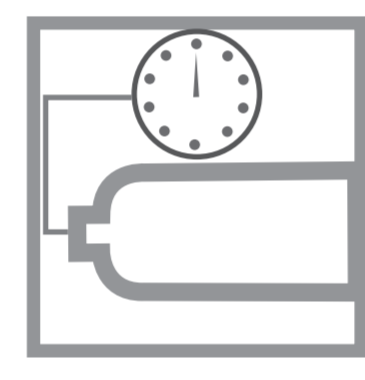
NECK
SPINNING



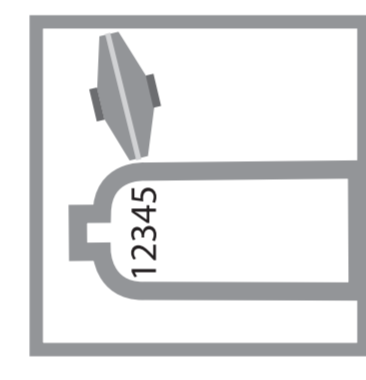
NECK
MACHINING



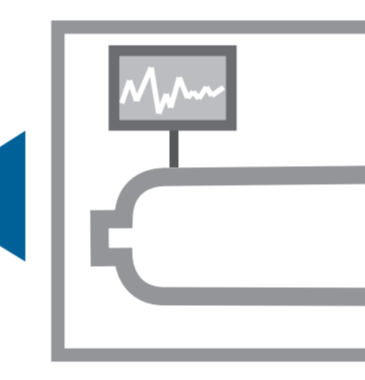
SURFACE
COATING *



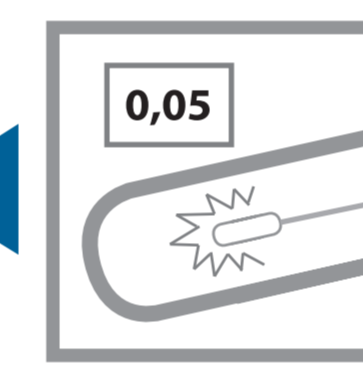
PROOF OR
VOLUMETRIC
EXPANSION
HYDRO TESTING



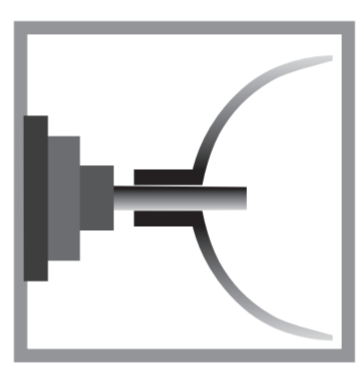
STAMP
MARKING



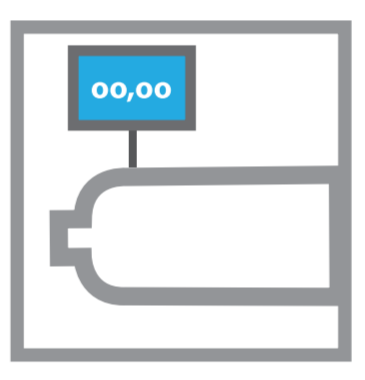
ULTRASONIC
TESTING



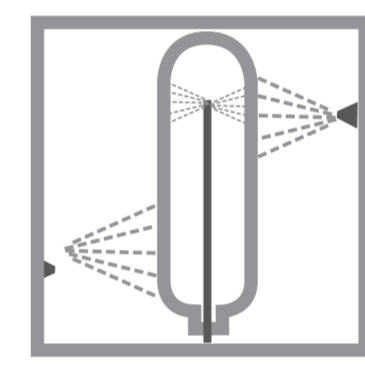
VISUAL
INSPECTION



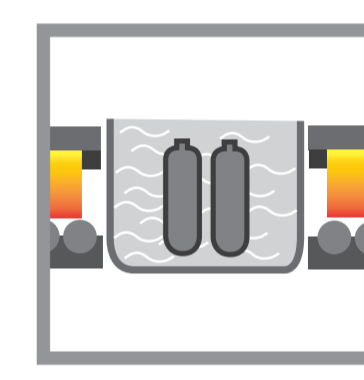
NECK
THREADING



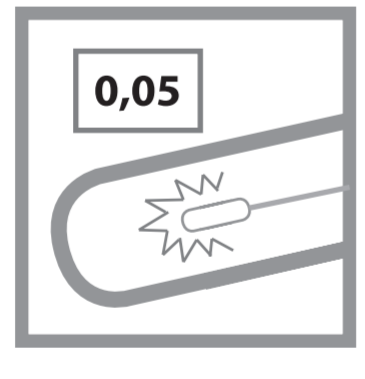
HARDNESS
TESTING



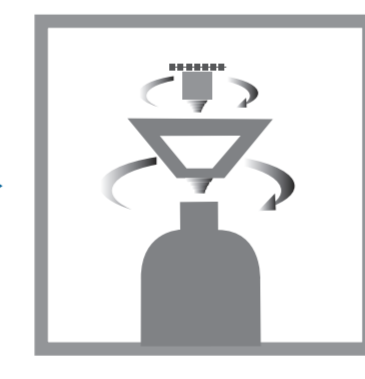
INTERNAL AND
EXTERNAL SHOT
BLASTING



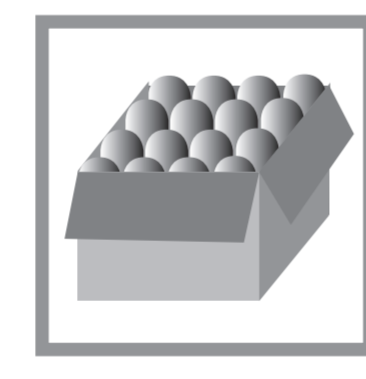
QUENCHING
AND TEMPERING



FINAL
INSPECTION



FINAL
OPERATIONS
(VALVING)



PACKING
AND DESPATCH

END OF
CYCLE

* OPTIONAL COATING FOR SUPERIOR ANTICORROSION PERFORMANCE:
ENDURANCE COATING, OFFSHORE COATING