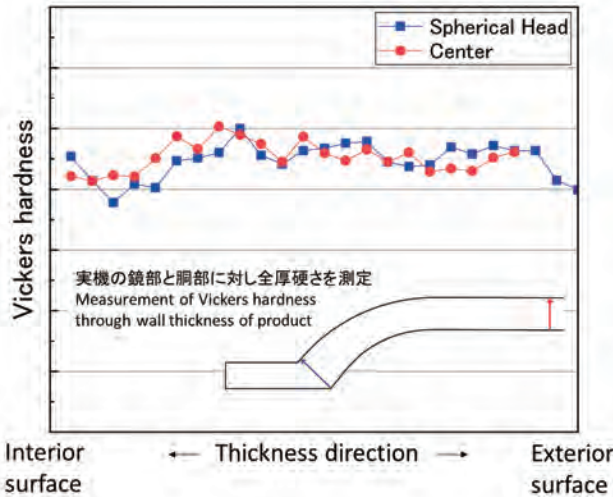


高圧水素環境下で優れたパフォーマンスを発揮する Cr-Mo量産パイプを適用

Cr-Mo seamless pipe contributes for superior performance under high pressure gaseous hydrogen environment

1 優れた焼入れ性

High hardenability

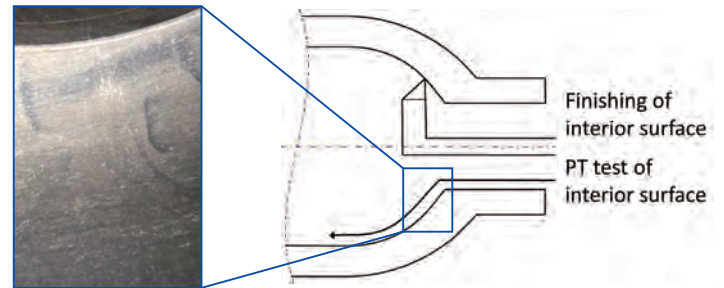


鏡部と胴部の何れも、均一かつ優れた硬さを有します
Both spherical head and center of product demonstrate superior and homogeneous hardness distribution

2 絞り部内面のしわ除去の実現

Realization of elimination of wrinkles

鏡部内面のしわは内面加工で容易に除去できます
Wrinkles of spherical head are eliminated easily by finishing

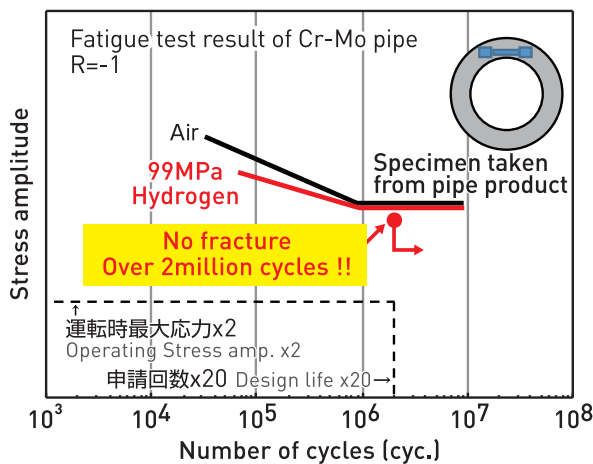


No wrinkle is confirmed on surface

Cross-section surface of Spherical head

3 高圧水素環境下での優れた疲労耐久性

Superior fatigue life in hydrogen environment



従来の蓄圧器材料(SA723鍛鋼)と同等の疲労特性を確認
Fatigue strength and life in hydrogen is equivalent to our conventional SA723M steel.

4 内面における信頼性の確保

Ensuring of reliability of interior surface

内面のスケールを除去
No oxidized scale of interior surface



Interior surface before inspection

内面の非破壊検査が可能

Non-destructive inspection of interior surface is possible.



Procedure of Penetrant Test