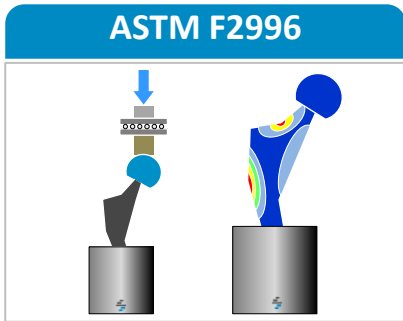
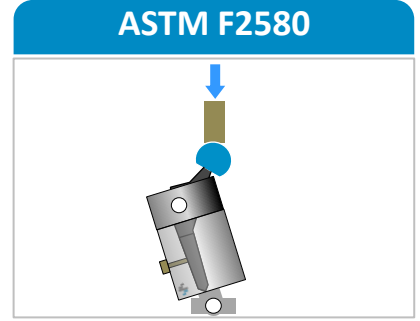
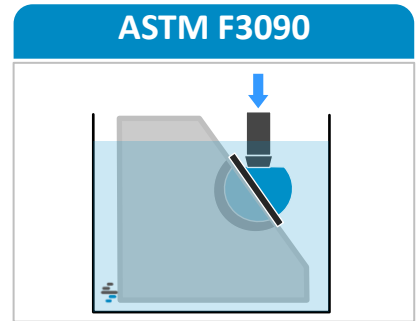
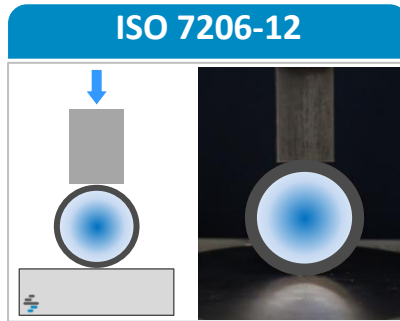
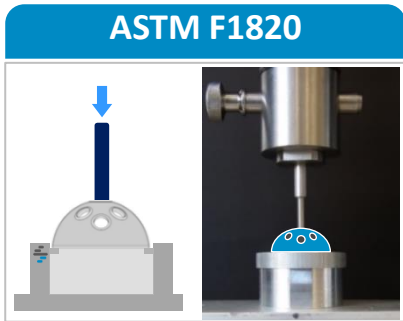


HIP IMPLANTS – Test Methods

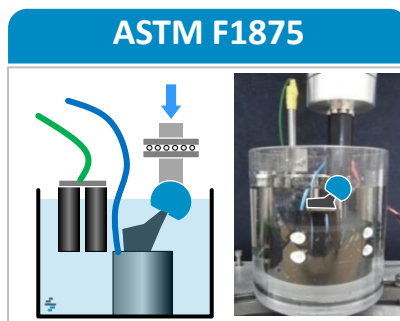
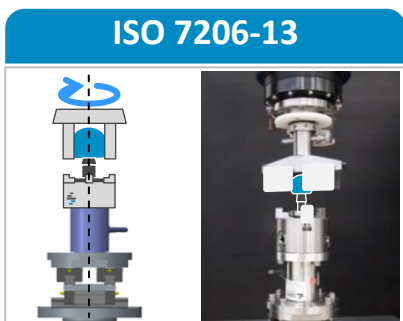
Hip stem



Acetabular devices, cup and insert

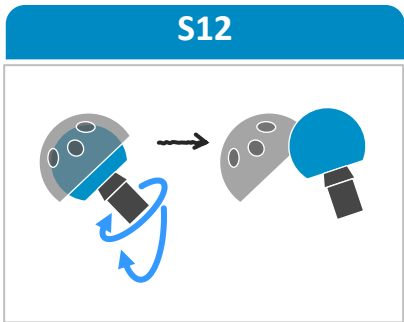
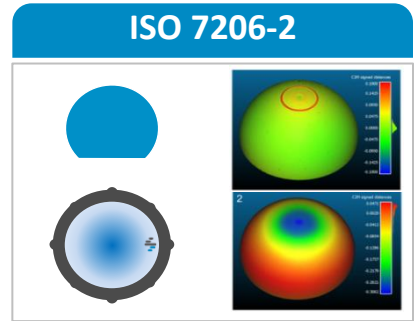
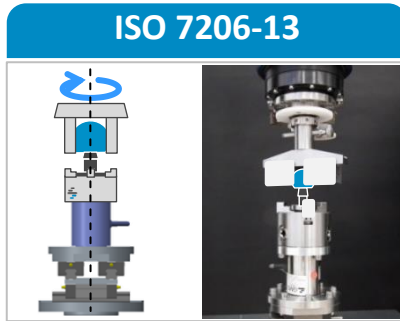
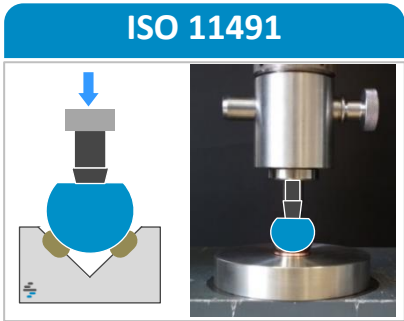
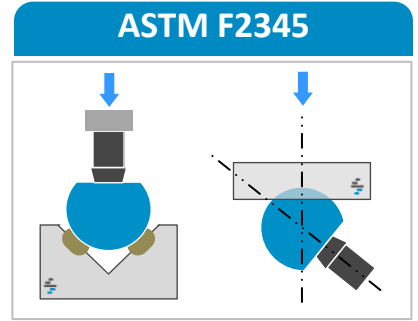
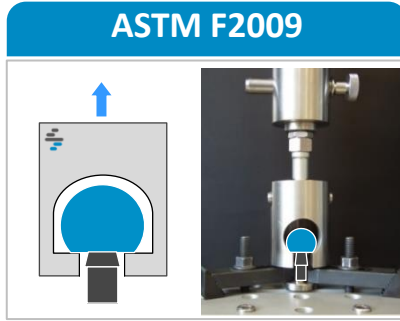
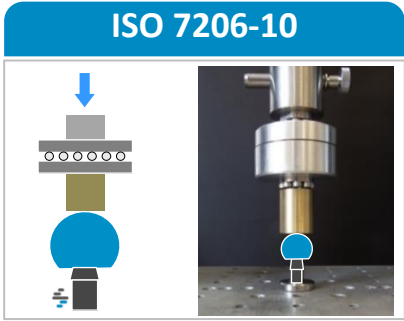


Modular hip, cone-taper interface

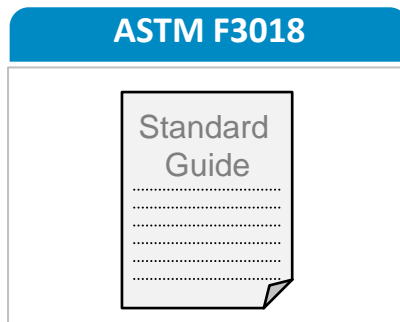
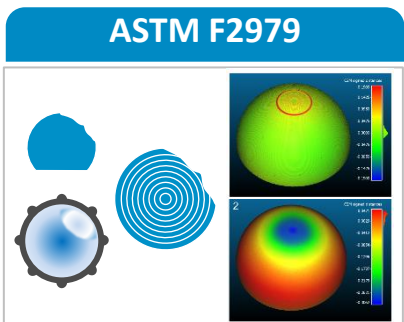


HIP IMPLANTS – Test Methods

Femoral head



Hard-on-hard hip prostheses



HIP IMPLANTS – Test Methods

Total hip replacement

ISO 14242-1 & ISO 14242-2

ASTM F1877 & ISO 17853

Size in µm	Percent of total number
0.2 to 1.0	~10%
1 to 3	~35%
3 to 5	~30%
5 to 10	~15%
10 to 20	~5%
20 to 50	~2%
50 to 100	~1%
100 to 200	~1%
200 to 500	~1%
500 to 1000	~1%
1000 to 2000	~1%
>2000	~1%

S17

ASTM F3047M

ASTM F2582

ISO 14242-4

ASTM F3446

Aging

**ASTM F2003
ISO 5834-3**

Calciumphosphate or metallic coatings

ISO 13779-4 & ASTM F1147

ASTM F1044 & ASTM F1160