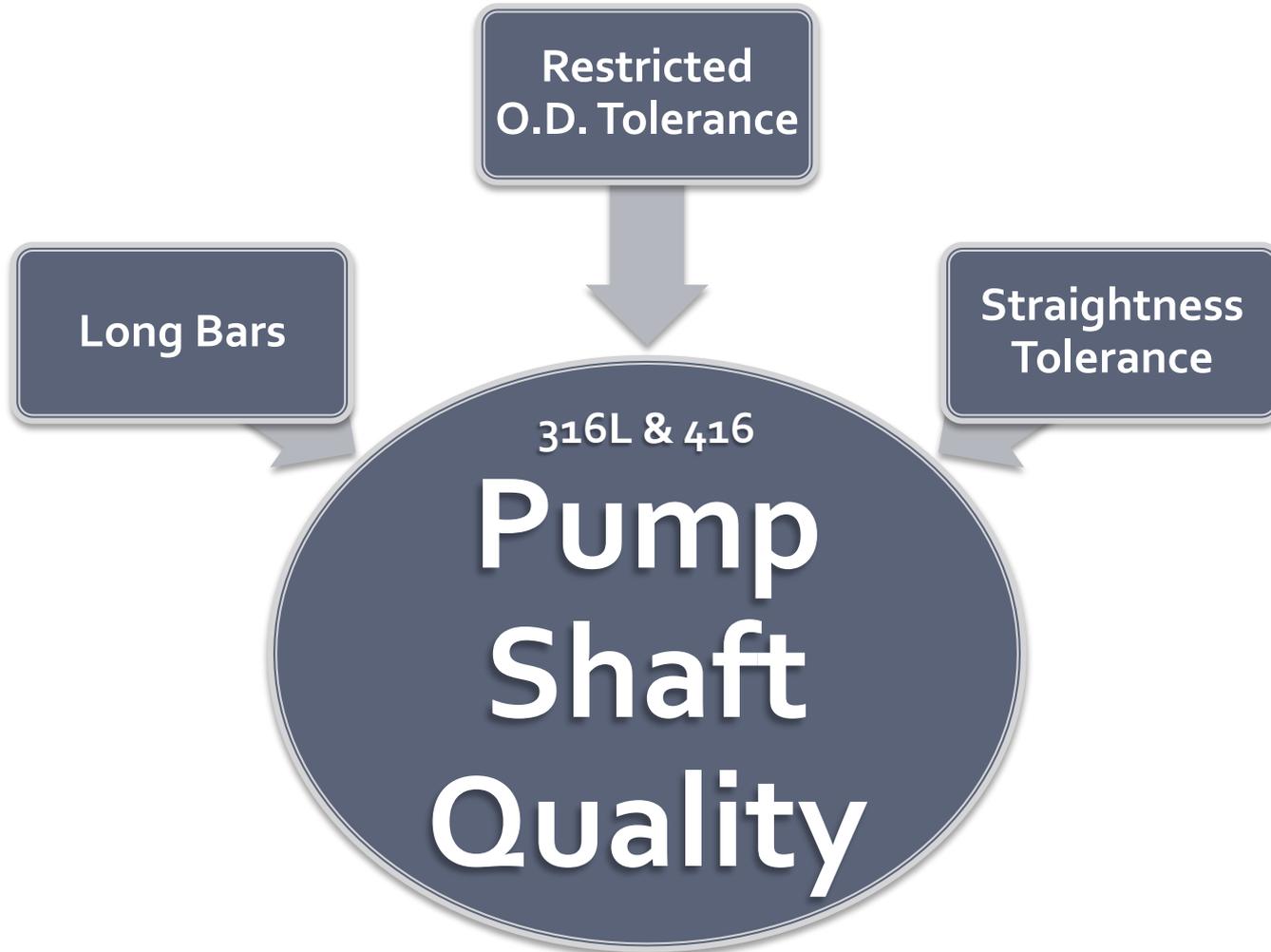




What is PSQ?



PUMP SHAFT QUALITY

Pump Shaft Quality has historically been used for precision shafting in pumps. Now, there are many more applications requiring these tighter diameter tolerances.



PHYSICALS	416	316L
TENSILE	100 KSI MIN	75 KSI MIN
YIELD	75 KSI MIN	30 KSI MIN
BRINELL HARDNESS	207 – 248 BHN	140 – 241 BHN
RMS FINISH	32 RMS OR BETTER	32 RMS OR BETTER

O.D. TOLERANCES	416 & 316L
LESS THAN 1.0" DIA	(+ 0 ; - .002")
1.0" – 1.437" DIA	(+ 0 ; - .0025")
1.5" – 4.0" DIA	(+ 0 ; - .003")

OTHER DIMENSIONAL REQUIREMENTS

OVALITY: $\frac{1}{2}$ OF DIAMETER TOLERANCE

STRAIGHTNESS:

0.005" TOTAL INDICATOR READING (TIR) IN 1ST 3 FEET

0.0015 TIR FOR EACH FOOT OVER

PACKAGING

With tight diameter tolerances and precision straightness, PSQ requires special considerations when shipping and handling.

