



Solid stainless steel forks

High safety in hygiene and sanitary areas



- ▶ 100 % high-tech stainless steel (including fork hooks)
- ▶ Extremely high durability: up to **6 times longer** than clad forks (f.ex. cross-section 1.75 x 4")
- ▶ Smaller cross-sections compared to fork claddings
- ▶ Smooth and polished surface meets highest hygiene demands
- ▶ Easy cleaning
- ▶ Resistance against dirt, bacteria and environmental influences
- ▶ Easy crack detection during fork inspection
- ▶ Corrosion-resistance of the entire fork
- ▶ 100 % ISO 2330 conformity
 - Tested with a static safety factor 3 and
 - Dynamical 1,000,000 load cycles with 25% overload

Comparison: up to **6 times longer durability** than clad forks

SOLID STAINLESS-STEEL FORK 1.75 x 4 inches

0.175" wear limit of the fork

+ 0.315" additional wear area **OptimaForkHeel**

= 0.49" total wear zone
+ 2 times higher resistance to wear
by the use of high-tech steel

CLADDED FORK 1.75 x 4 inches

0.12" wear limit of the cladding

= 0.12" total wear zone

Spark resistant areas

- ▶ Highest safety: spark resistant operation is also guaranteed after the wear limit is achieved
- ▶ No examination of remaining cladding thickness
- ▶ Glas beat blasted, homogeneous surface

Hygiene areas

- ▶ The best choice for hygiene / chemical / clean room areas
- ▶ Polished surface meets highest hygiene demands
- ▶ Easy cleaning
- ▶ Resistance against dirt, bacteria and environmental influences
- ▶ No interspaces

Cross-section (inches)	Mounting class	Capacity (lbs / pair)	Load center (inches)
1.5 x 4	cl 2	4,750	24
1.5 x 4.75	cl 2	5,500	24
2 x 5	cl 3	9,150	24
2.75 x 6	cl 4	15,400	24

Further dimensions on request!

The illustrations only represent the basic principles and do not constitute a contractual entitlement.

