



Solid stainless steel forks

High safety in ex-proof and hygiene areas



EXCLUSIVELY
VQ46
STAINLESS STEEL

- ▶ 100 % high-tech stainless steel (including fork hooks)
- ▶ Extremely high durability: up to **6 times longer** than cladded forks (f.ex. cross-section 100 x 45 mm)
- ▶ Smaller cross-sections compared to fork claddings
- ▶ Easy UVV examination
- ▶ Corrosion-resistance
- ▶ Smooth and polished surface (Hygiene application)
- ▶ 100 % ISO 2330 conformity
 - Tested with a static safety factor 3 and
 - Dynamical 1,000,000 load cycles with 25% overload
- ▶ Now also available with ATEX approved **anti-slip and anti-noise coating!**

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

SOLID STAINLESS-STEEL FORK 100 X 45 MM

4.5 mm wear limit of the fork

+ 8 mm additional wear area **OptimaForkHeel**

= 12.5 mm total wear zone
+ 2 times higher resistance to wear
by the use of high-tech steel

CLADED FORK 100 X 45 MM

3 mm wear limit of the cladding

= 3 mm total wear zone

Ex-proof areas



- ▶ The only solid stainless steel fork with ATEX certification!
- ▶ Highest safety: Explosion-proof 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 (mm)	Suspension ISO	Capacity (kg / pair)	Load center (mm)
100 x 40	2A / 2B	2.000	500
120 x 40	2A / 2B	2.500	500
125 x 50	3A / 3B	4.500	500
150 x 70	4A / 4B	7.000	600

Further dimensions on request!

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