



SOLID STAINLESS-STEEL FORKS

- ▶ 100 % solid stainless steel (including fork hooks)
 - ▶ Smooth and polished surface
 - ▶ 100 % ISO 2330 conformity
 - Tested with a static safety factor 3 and dynamical 1,000,000 load cycles with 25% overload
 - ▶ Extremely high durability: up to 4 times longer than cladded forks (f.ex. cross-section 100 x 45 mm)
- Exemplary calculation:

SOLID STAINLESS-STEEL FORK 100 x 45 mm	CLADED FORK 100 x 45 mm
4.5 mm wear limit of the fork + 8 mm additional wear area OptimaForkHeel	3 mm wear limit of the cladding
= 12.5 mm total wear zone	= 3 mm total wear zone

- ▶ Smaller cross-sections compared to fork claddings
- ▶ Easy UVV examination
- ▶ Corrosion-resistance

APPLICATION: EX-PROOF AREAS



- ▶ **Special steel VQ46-EX:** the only fork steel with ATEX confirmation!
- ▶ Highest safety: Explosion-proof operation is also guaranteed after the wear limit is achieved
- ▶ No examination of remaining cladding thickness

APPLICATION: HYGIENE AREAS

- ▶ **Special steel VQ45-HY:** The best choice for hygiene areas
- ▶ No interspaces
- ▶ Easy cleaning
- ▶ Resistance against dirt and environmental influences

Cross-section (mm)	Suspension ISO	Capacity (kg / pair)	Load center (mm)
80 x 40	2A / 2B	2,000	500
100 x 40	2A / 2B	2,500	500
120 x 50	3A / 3B	4,500	500
150 x 60	4A / 4B	7,000	600

Further dimensions on request