

RTS MetSTAB

High-precision Metrology Stab for subsea applications

The RTS MetSTAB Metrology Stab has been designed based on years of experience with different mechanical subsea interfacing solutions. The unit features unrivaled mating precision and repeatability to ensure objects or subsea equipment is placed correctly in all axes. A special ROV- or diver-operable locking mechanism ensures vertical locking of the male stab during critical operation phases. To avoid cold welding during mating and locking, guide pins and locking shaft are manufactured in bronze. Guide pins are also replaceable and both male stab and female receptacle have been designed with mounting holes from both top and bottom to offer complete flexibility during unit placement.

Main features

- High Precision
- High Repeatability
- Locking Mechanism
- Bronze guide pins to avoid cold welding
- Replaceable guide pins
- Robust construction



TECHNICAL SPECIFICATIONS

Dimensions

| | |
|-------------------|-----------------|
| Male Stab | 152mm x Ø 114mm |
| Female Receptacle | 131mm x Ø 114mm |
| Mated Units | 157mm x Ø 114mm |

Weight

| | |
|-------------------|---------|
| Male Stab | 3,96 kg |
| Female Receptacle | 3,70 kg |

Drawings

Available on request