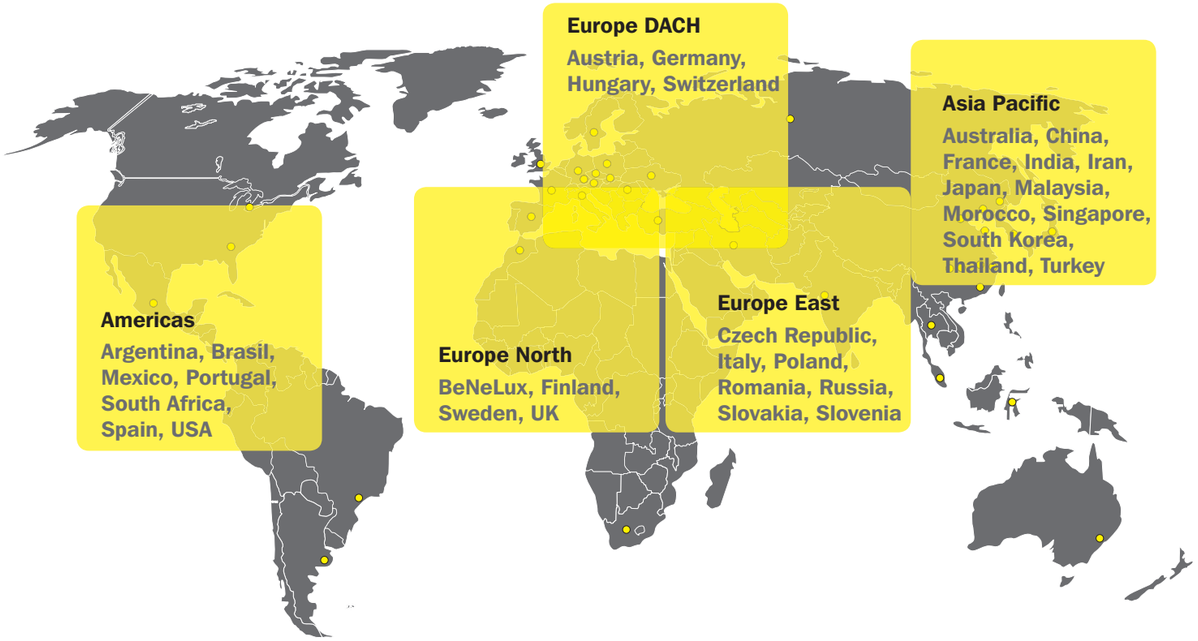
Country Desks



Americas

Head of Sales Operations
Dimitri Martin
dimitri.martin@tuenkers.de

Coordinators
Milan Dudic
milan.dudic@tuenkers.de
Karla Villatoro
karla.villatoro@tuenkers.de

Europe North

Head of Sales Operations
Dennis Schild
dennis.schild@tuenkers.de

Coordinators
Milan Dudic
milan.dudic@tuenkers.de
Florian Zass
florian.zass@tuenkers.de

Europe DACH

Head of Sales Operations
Joachim Schrahn
joachim.schrahn@tuenkers.de
Christian Heyer
christian.heyer@tuenkers.de

Coordinators
Melanie Bauer
melanie.bauer@tuenkers.de
Gabriela Greiner-Schubert
gabriela.greiner-schubert@tuenkers.de
Bärbel Hammer
baerbel.hammer@tuenkers.de
Ute Hartmann
ute.hartmann@tuenkers.de
Bettina Krohn
bettina.krohn@tuenkers.de
Stefanie Linnemann
stefanie.linnemann@tuenkers.de
Gabi Neumüller
gabi.neumueller@tuenkers.de
Martina Reich
martina.reich@tuenkers.de
Henrik Wittig
henrik.wittig@tuenkers.de

Europe East

Head of Eastern Europe Operations
Christian Heyer
christian.heyer@tuenkers.de

Coordinators
Gianluca Alessandrini
gianluca.alessandrini@tuenkers.de
Kristina Cuvalo
kristina.cuvalo@tuenkers.de
Gabriela Greiner-Schubert
gabriela.greiner-schubert@tuenkers.de
Claudia Meyer
claudia.meyer@tuenkers.de
Sandra Schwachula
sandra.schwachula@tuenkers.de

Asia Pacific

Head of Sales Operations
Kaptan Hondur
kaptan.hondur@tuenkers.de

Coordinators
Isabell Kolp
isabell.kolp@tuenkers.de
Ling Lin-Palm
ling.lin-palm@tuenkers.de
Sladana Pavlovic
sladana.pavlovic@tuenkers.de
Larissa Westphal
larissa.westphal@tuenkers.de

UNIVERSAL CLAMP

UNIVERSAL CLAMP – ONE CLAMP FITS ALL

Other basic types

PK

The version with a special mechanism ensuring parallel and constant force for the clamp arm to come down plane-parallel

- Defined clamping
- Constant clamping force
- Sheet thickness levelling

UA

The version for the US standard “NAAMS” with clamp arm at the side

U…Z

The version with manual closure

- Manual closure
- Pneumatic opening

U…V (as of 2020)

The version with integrated valve technology in the cylinder bottom

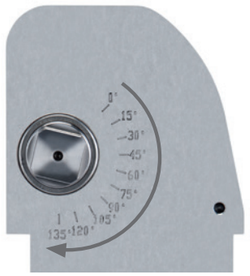
- Open position blocked in case of power outage
- Only one pressure connection
- Controlled via IO-Link

The series

Type	Clamping torque
U 40 BR5	120 Nm
U 50 BR5	160 Nm
U 63 BR5	360 Nm
U 80 BR5	800 Nm

Shorter, lighter, more efficient
The U-clamp has benefits when compared to the Vario clamp

Stepless adjustment of the opening angle from 0° - 135°



The U-series

Shorter, lighter, more efficient

The U-series combines these efficiency-boosting parameters and provides for more space in the fixture. With its smart and compact design, the universal clamp is an alternative to the Vario clamp with the same technical data:

- Identical clamping force
- Identical fitting dimensions
- Identical holding force
- Identical load cycles (3 million)
- Proven, stepless angle adjustment from 5° - 135°

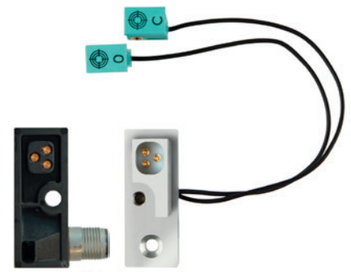
This is new in the U-series

- New, power-optimized toggle-locked mechanism
- Smaller cylinders are used with the same clamping force: 50 instead of 63 and 40 instead of 50

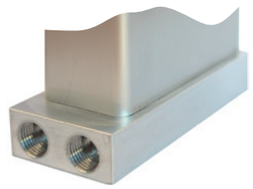
➡ **Compressed air consumption reduced by ca. 30 %**

- Integrated and enclosed sensor system T24
- Fully enclosed case

Two-part sensor concept for easy exchange with robust pin contacts



Both air connections in the cylinder bottom for more space



Other options

IO-Link

The version with smart IO-Link sensor

- Identification
- Configuration of outputs
- Condition monitoring
- Error detection

W

The version with welding-resistant coating

H / HO / HD

The version with additional locking in the open and/or closed position through integrated stop valves in the cylinder bottom

RB

The version with mechanical clip in the cylinder bottom

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