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
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

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

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

R
The version with mechanical clip in the cylinder bottom