ULL 50

Manual retractable locating pin unit, Ø50 mm with hand lever



Manual retractable locating pin unit, single rod, with hand lever typically used in welding applications to locate metal sheets in a definite position.

- Metal rod scraper
- Antirotation system
- Electronic sensor
- Many rod end styles available
- Ergonomic hand lever

CHARACTERISTICS

Operating temperature	**5° ÷ 45° C**
Min./Max. operating pressure	**0,4 / 0,6 MPa**
Bore Ø	**50 mm**
Max. Torque (6 Nm)	**± 0,06 mm**
Max. Deflection (7,5 Nm)	**± 0,03 mm**
Weight	**2,5 Kg**
Sensor	**electronic (optical)**
Supply voltage	**10 ÷ 30 Vdc**
IP code	**IP 65**

OPTICAL SENSOR

METAL SCRAPER

ANTI ROTATION

CODIFICATION KEY

UL	L	50	040	C	X	K	0		
1	2	3	4	5	6	7	8	9	

1 SERIES
UL = UNICLAMP locating pin unit

2 VERSION
L = Manual with hand lever

3 SIZE
50 = Ø50 mm

4 STROKE
040 = 40 mm

5 ROD END STYLE
A = Rod for offset pins
B = Rod with profled end
C = Rod with cross-profiled end inner Ø 16 mm
D = Rod for offset pins with oversized dowel holes
E = Rod with cross profiled end inner Ø 10 mm
F = Compatible with NAAMS, inner Ø 16
H = Rod with flat end, inner Ø10 mm
I = Rod with flat end, inner Ø12 mm
L* = Rod with inner Ø12 mm
M* = Rod with inner Ø 20 mm
*compatible with **CNOMO** standard

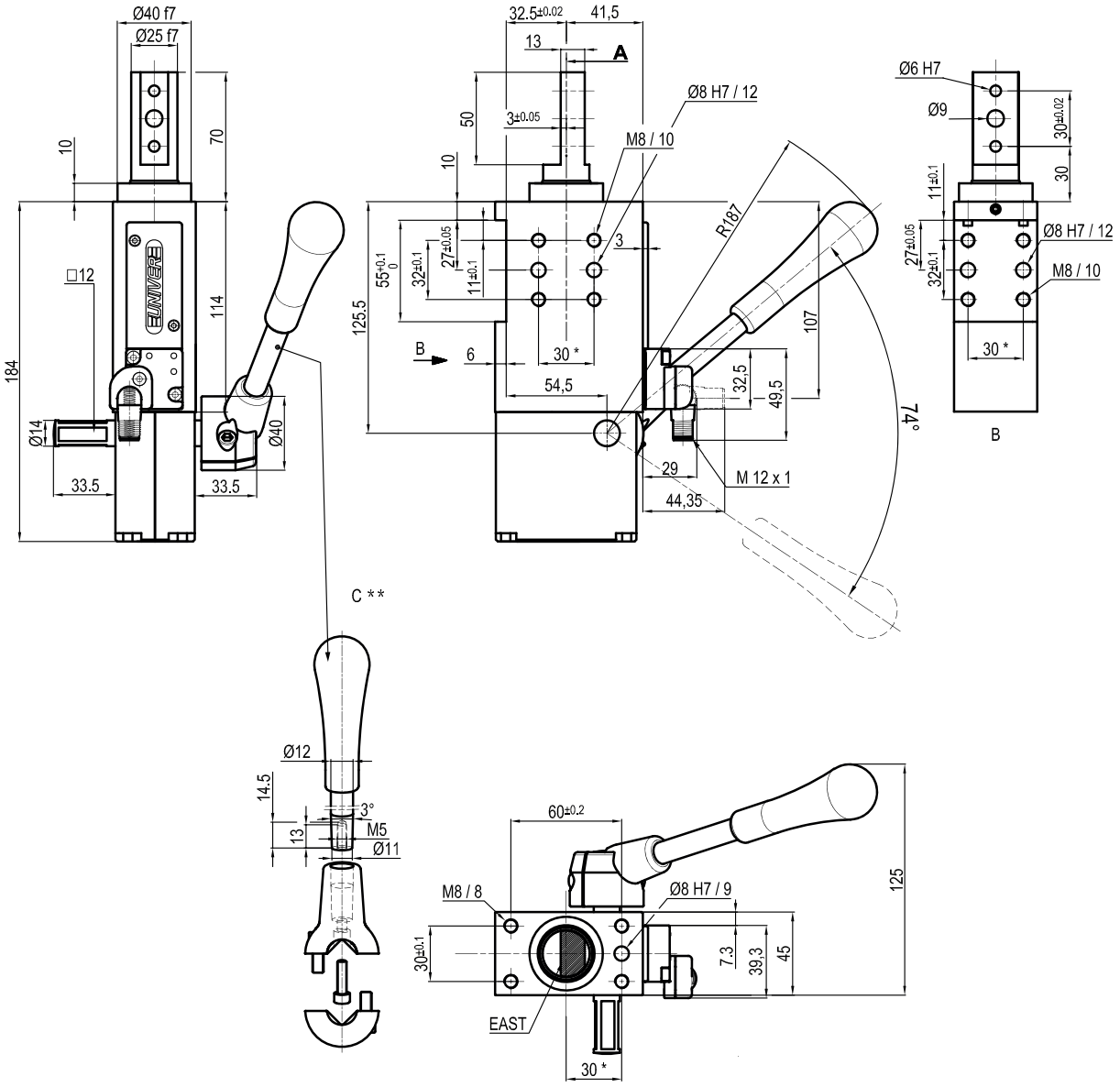
6 ROD ORIENTATION
X = Symmetrical
E* = East
O* = West
N* = North
S* = South
*only with **"A"** and **"D"** rod style

7 SENSOR
N = No sensor (with protection plate)
K = Electronic sensor PNP, M12 (DF-K)
D = Pneumatic sensor (DF-UPNW)
J = Electronic sensor NPN, optical (DF-J)
Y = Electronic sensor PNP, M12 (DF-Y) white LED

8 PRODUCT REVISION
Assigned by UNIVER

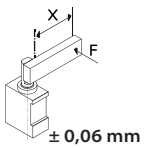
9 ATEX
X = ATEX option
See ATEX Catalogue for types and versions

A | Rod for offset pins



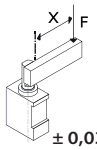
East **West** **North** **South**

**TOLERANCE BETWEEN DOWELS ± 0,02 BETWEEN SCREW HOLES ± 0,1*
***DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED*



± 0,06 mm

Max. Torque
6 Nm
X = 100 mm



± 0,03 mm

Max. deflection
moment 7,5 Nm
X = 100 mm

Sensors



Electronic (optical)

DF-K PNP M12
DF-J NPN M12
DF-Y PNP M12 White LED



Pneumatic

DF-UPNW

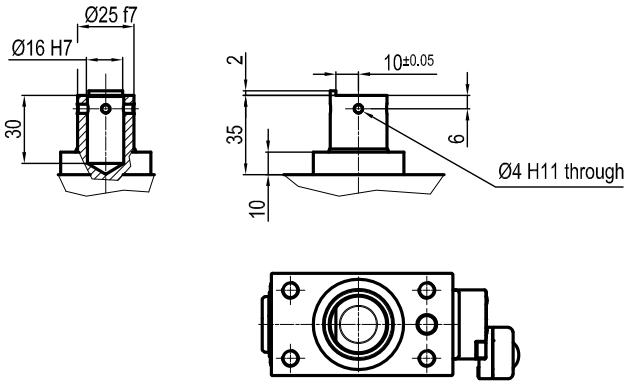
Accessories



Handlever

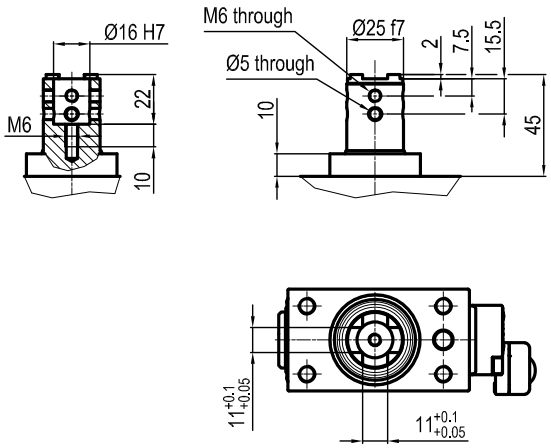
UBF255063

B Rod with profiled end



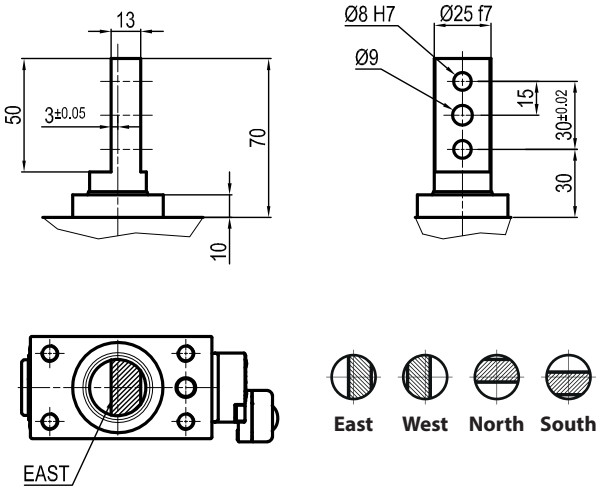
C Rod with cross-profiled end

Inner Ø16 mm



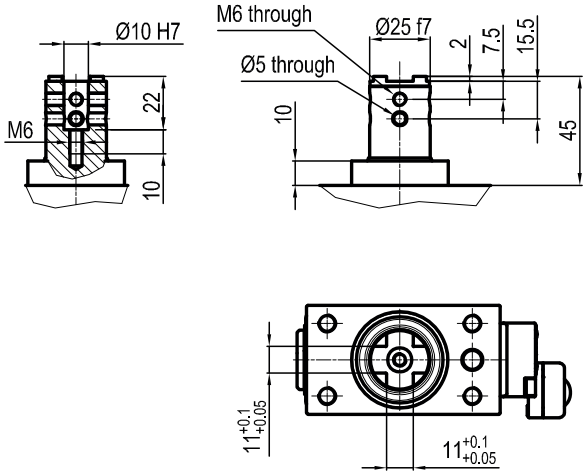
D Rod for offset pins

Oversized dowel holes



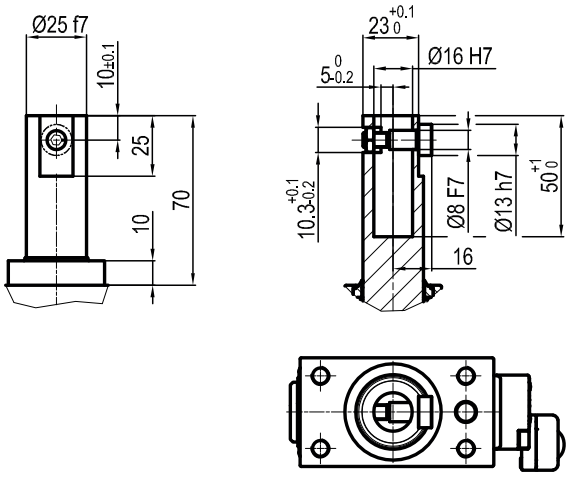
E Rod with cross-profiled end

Inner Ø10 mm



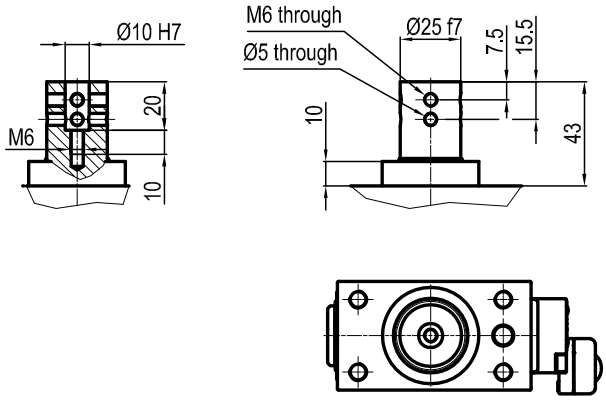
F Compatible with NAAMS

Inner Ø16 mm

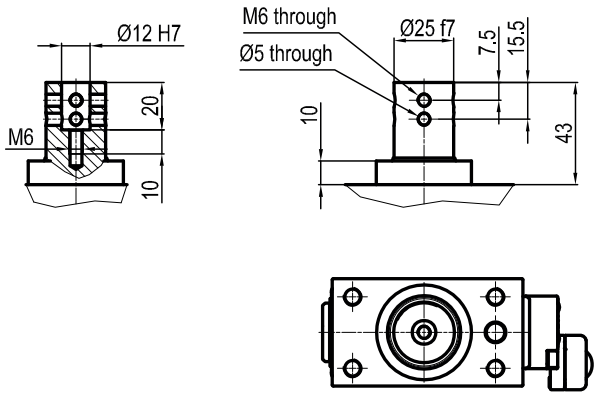


H Rod with flat end

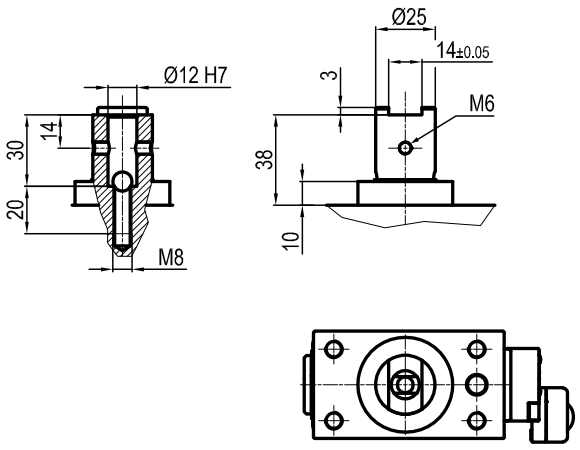
Inner Ø10 mm



I Rod with flat end
Inner Ø12 mm



L Rod compatible with CNOMO standard
Inner Ø12 mm



M Rod compatible with CNOMO standard
Inner Ø20 mm

