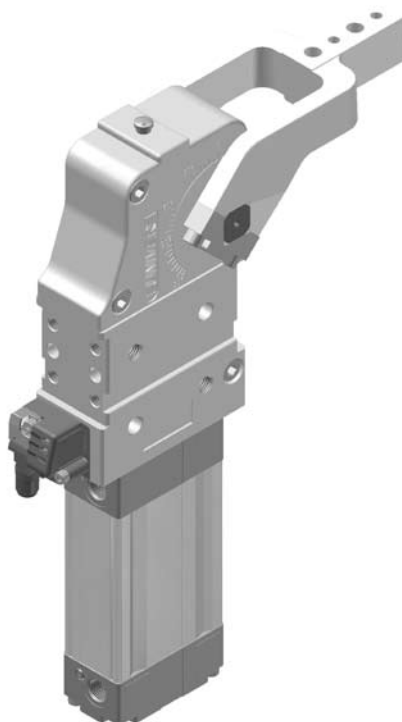




UBP Series Pneumatic Power Clamp



Features

- Blade and foot mounting
- Fully adjustable opening angle
- Opening angle can be set with or without air pressure
- Unique linkage design ensures positional repeatability
- Linear and rotary motion guided by roller bearings
- Remains locked in closed position even when air pressure is removed
- Pneumatic ports on both sides of the cylinder
- Manual release button to open mechanism when air pressure is removed
- Unique “programmable” all metal sensor with M12 swivel connector

General Specifications

Weight:

UBP40: 1.7 Kg (3.7 lbs)

UBP50: 3.2 Kg (7.1 lbs)

UBP63: 3.6 Kg (7.9 lbs)

UBP80: 11.5 Kg (25.4 lbs)

Operating Pressure:

Minimum: 2.75 Bar (40 PSI)

Maximum: 8 Bar (115 PSI)

Operating Temperature: 5° to 45° C (40° to 113°F)

Class Protection: IP65

Opening Angles:

UBP40: Fully adjustable from 0° to 125°

UBP50, 63, 80: Fully adjustable from 0° to 135°

Holding Capacity:

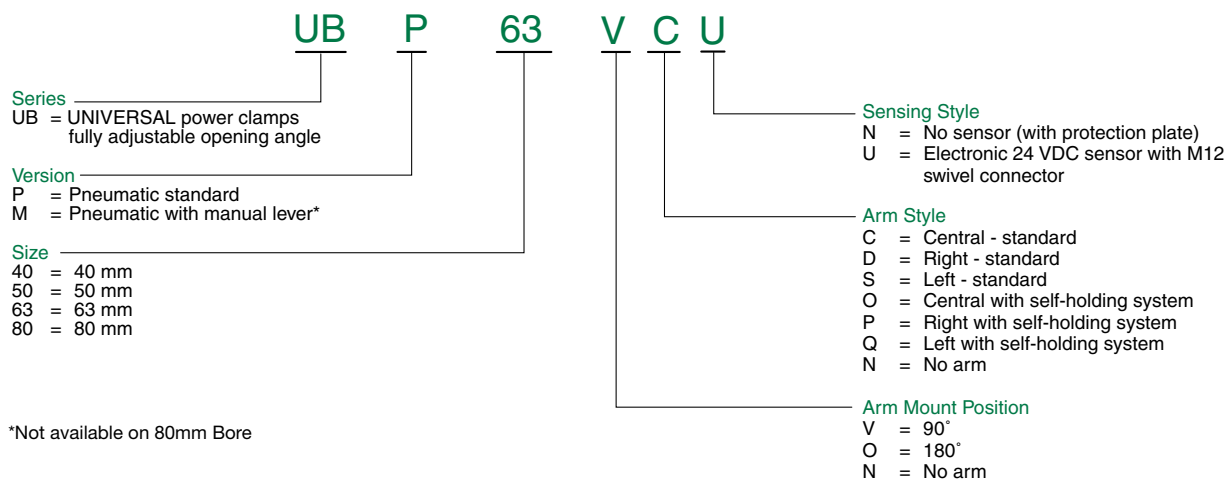
UBP40: 600 Nm (5310 in-lbs)

UBP50: 1250 Nm (11063 in-lbs)

UBP63: 1750 Nm (15488 in-lbs)

UBP80: 4000 Nm (35402 in-lbs)

How to Order



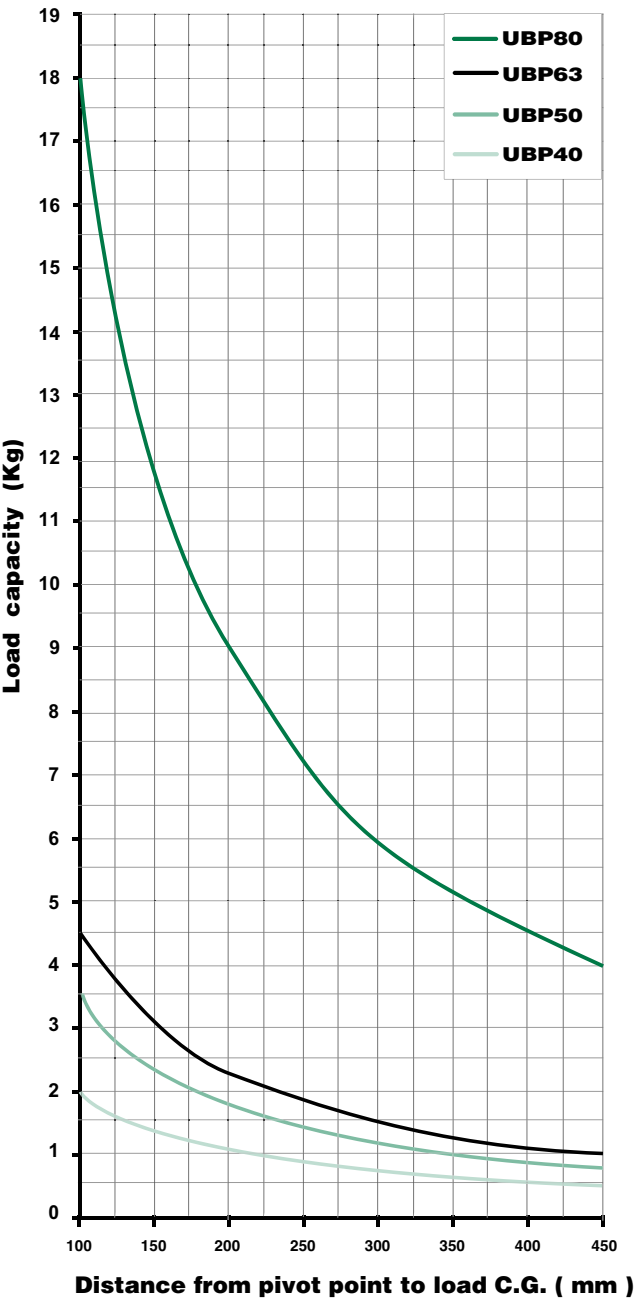
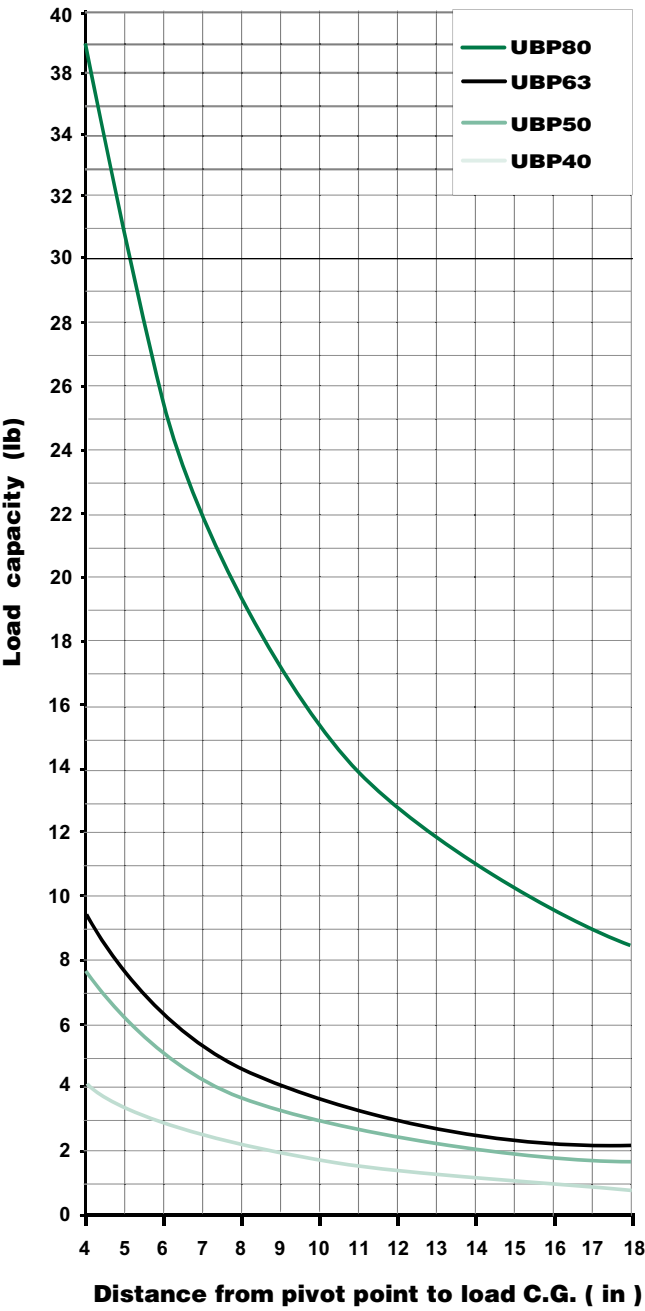


UBP Series Pneumatic Power Clamp

Maximum Applicable Load

English
operating pressure : 70 PSI

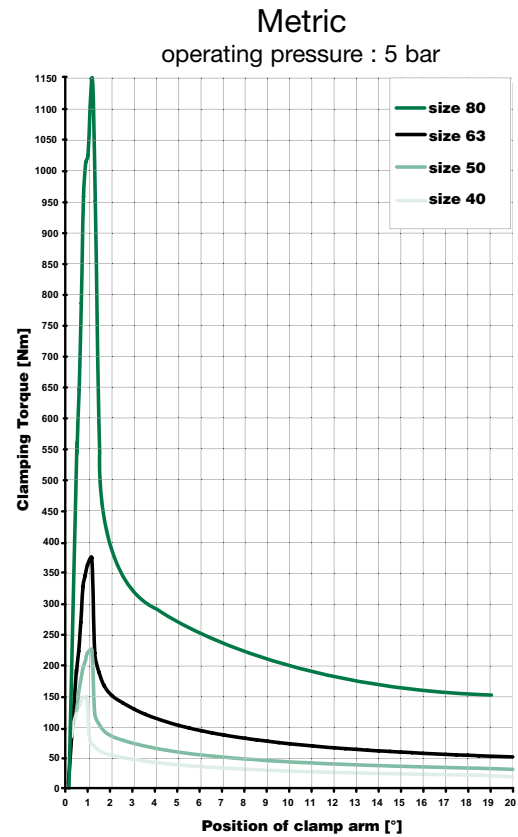
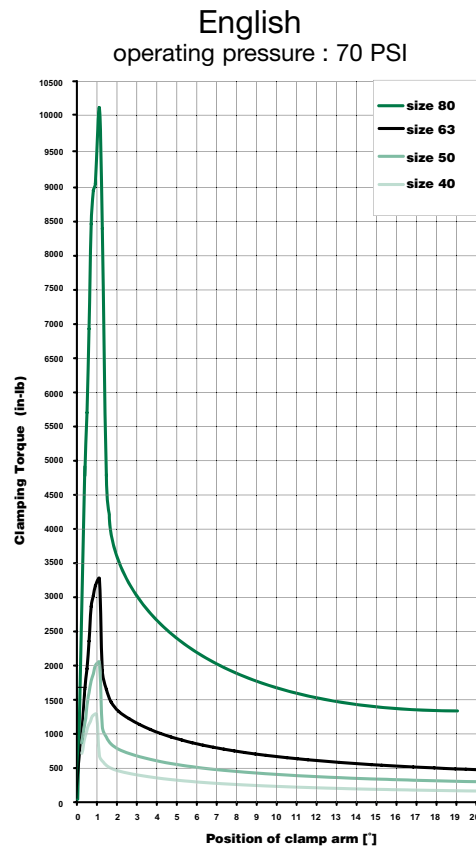
Metric
operating pressure : 5 bar



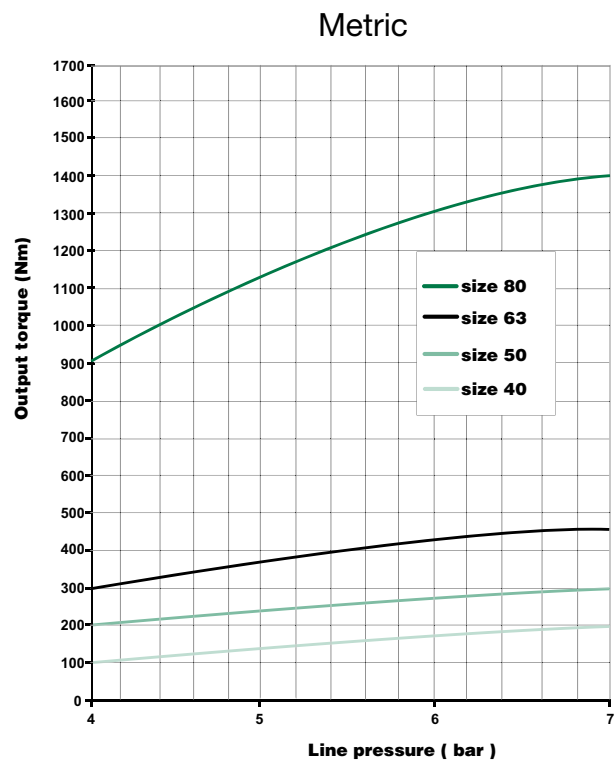
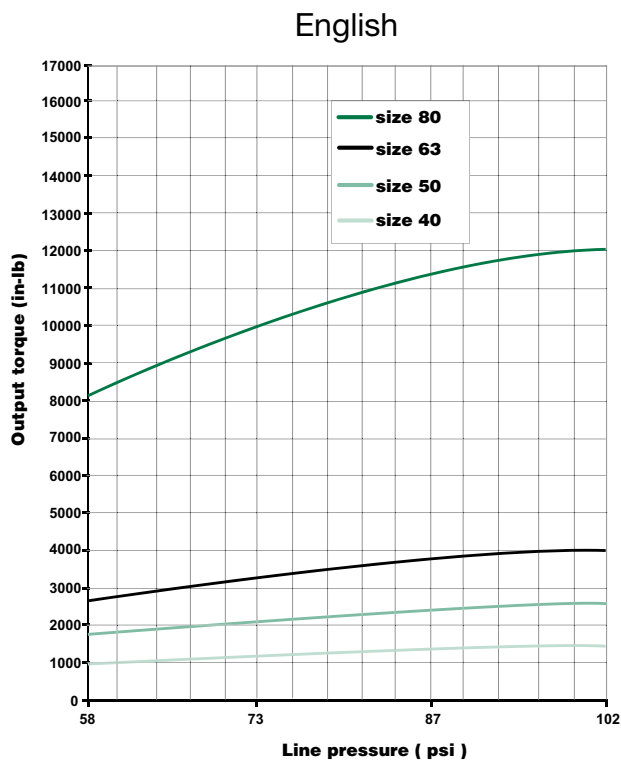


UBP Series Pneumatic Power Clamp

Maximum Clamping Torque

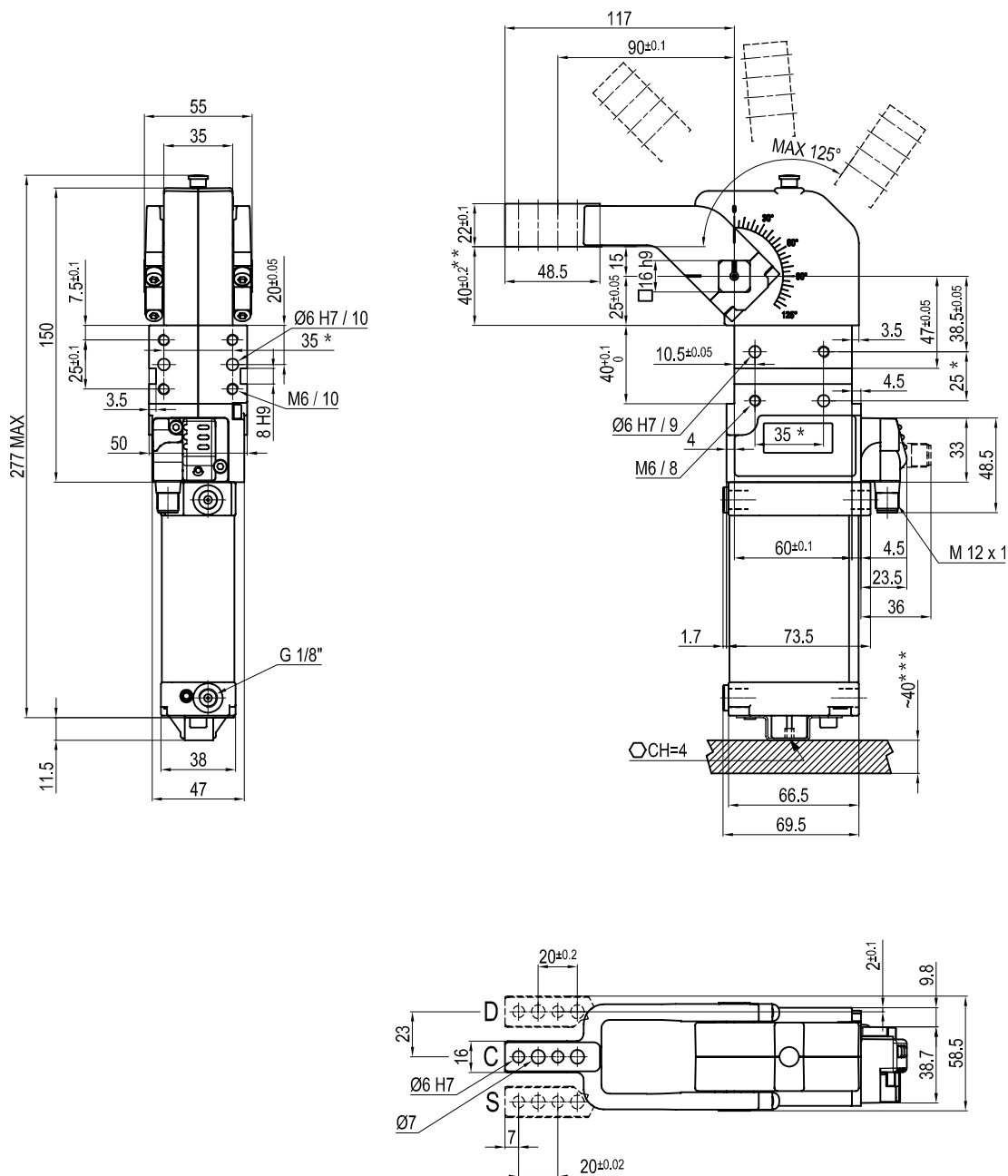


Maximum Output Torque





UBP40V_U Pneumatic Power Clamp



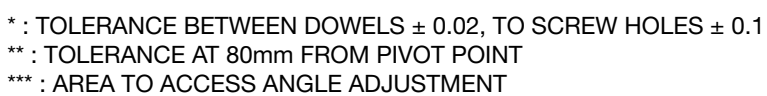
* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT

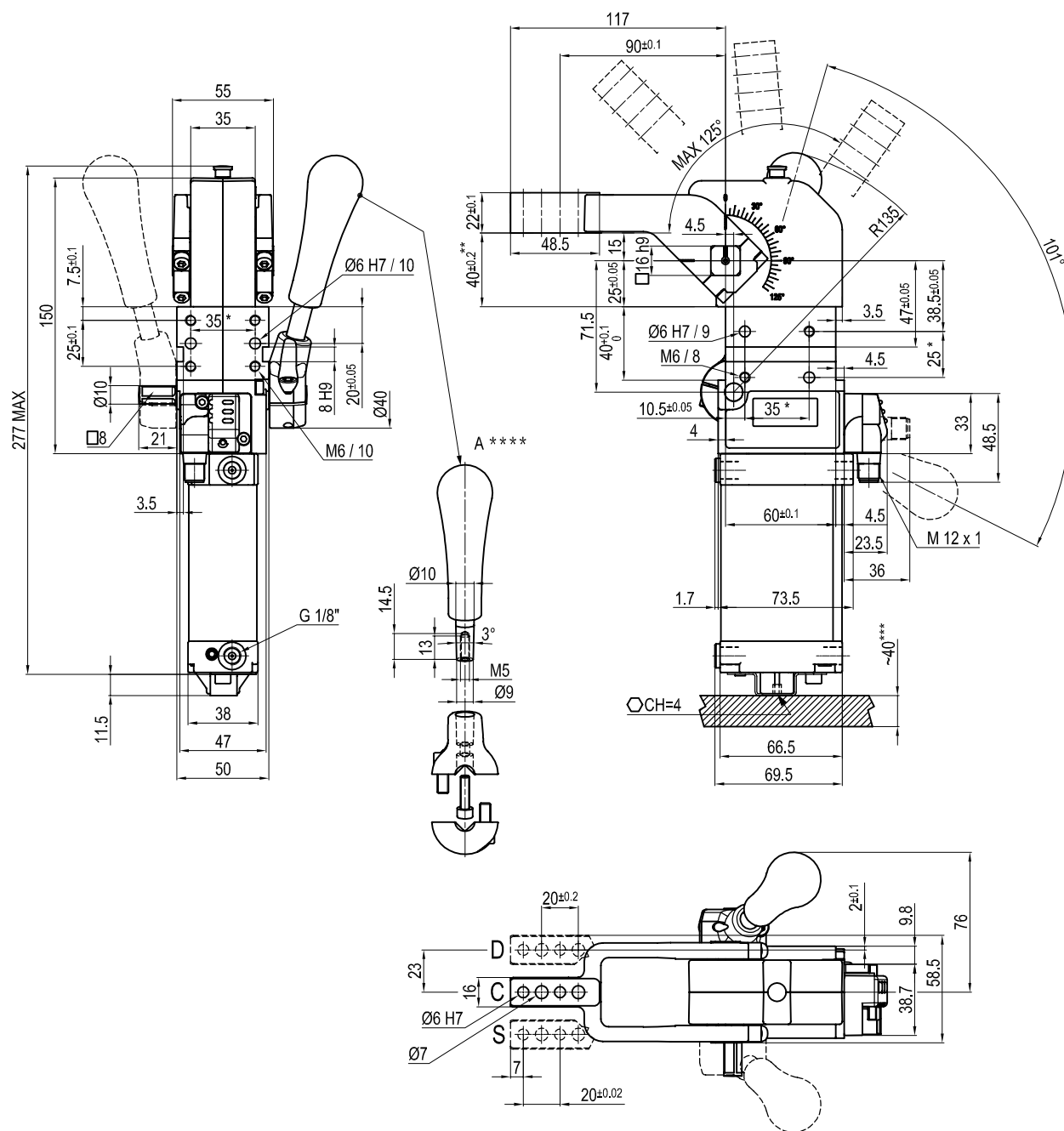


UBP400_U Pneumatic Power Clamp





UBM40V_U Pneumatic Power Clamp with Manual Lever



* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

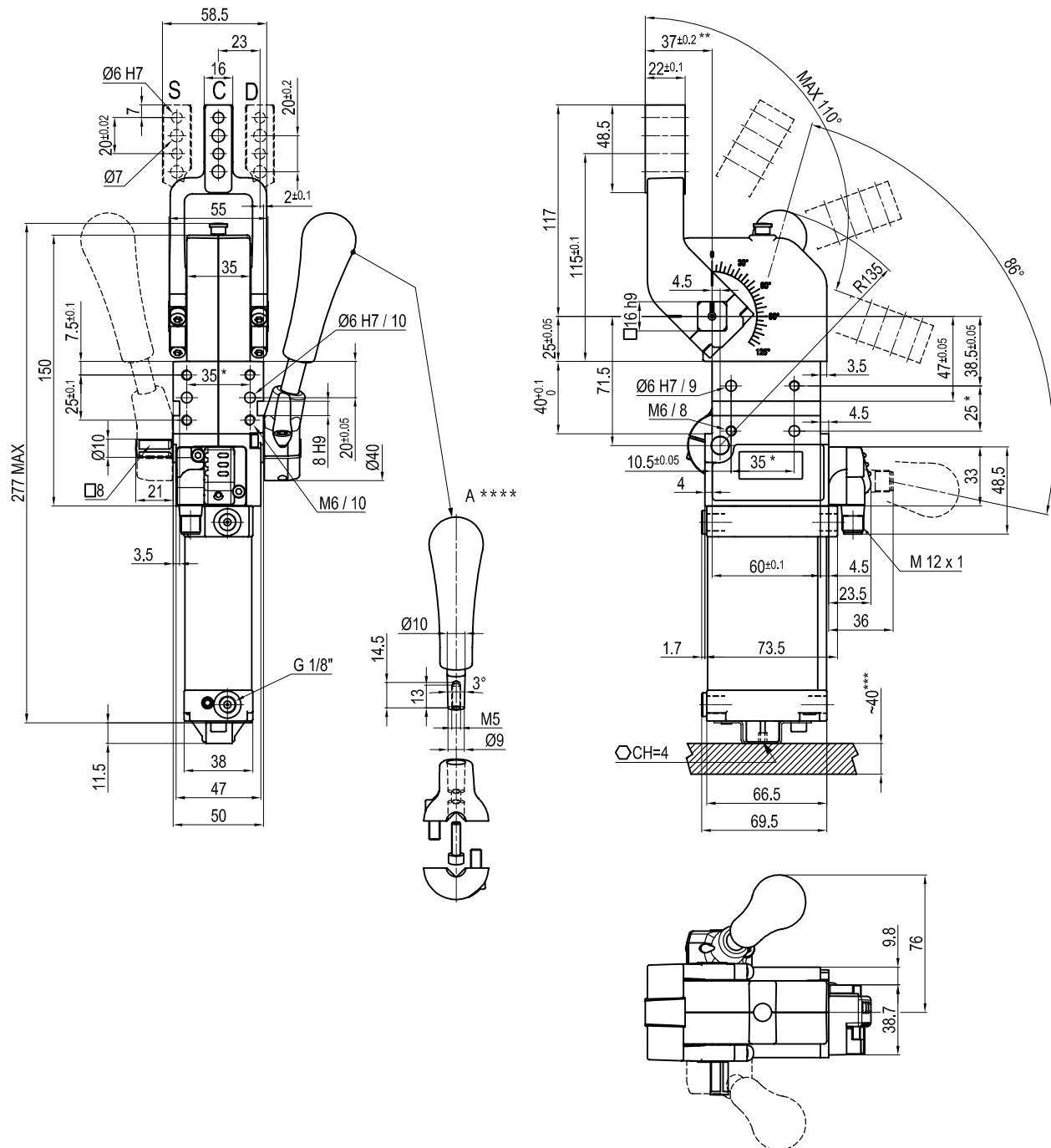
*** : AREA TO ACCESS ANGLE ADJUSTMENT

**** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED



UBP Series Pneumatic Power Clamp

UBM400_U Pneumatic Power Clamp with Manual Lever



* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

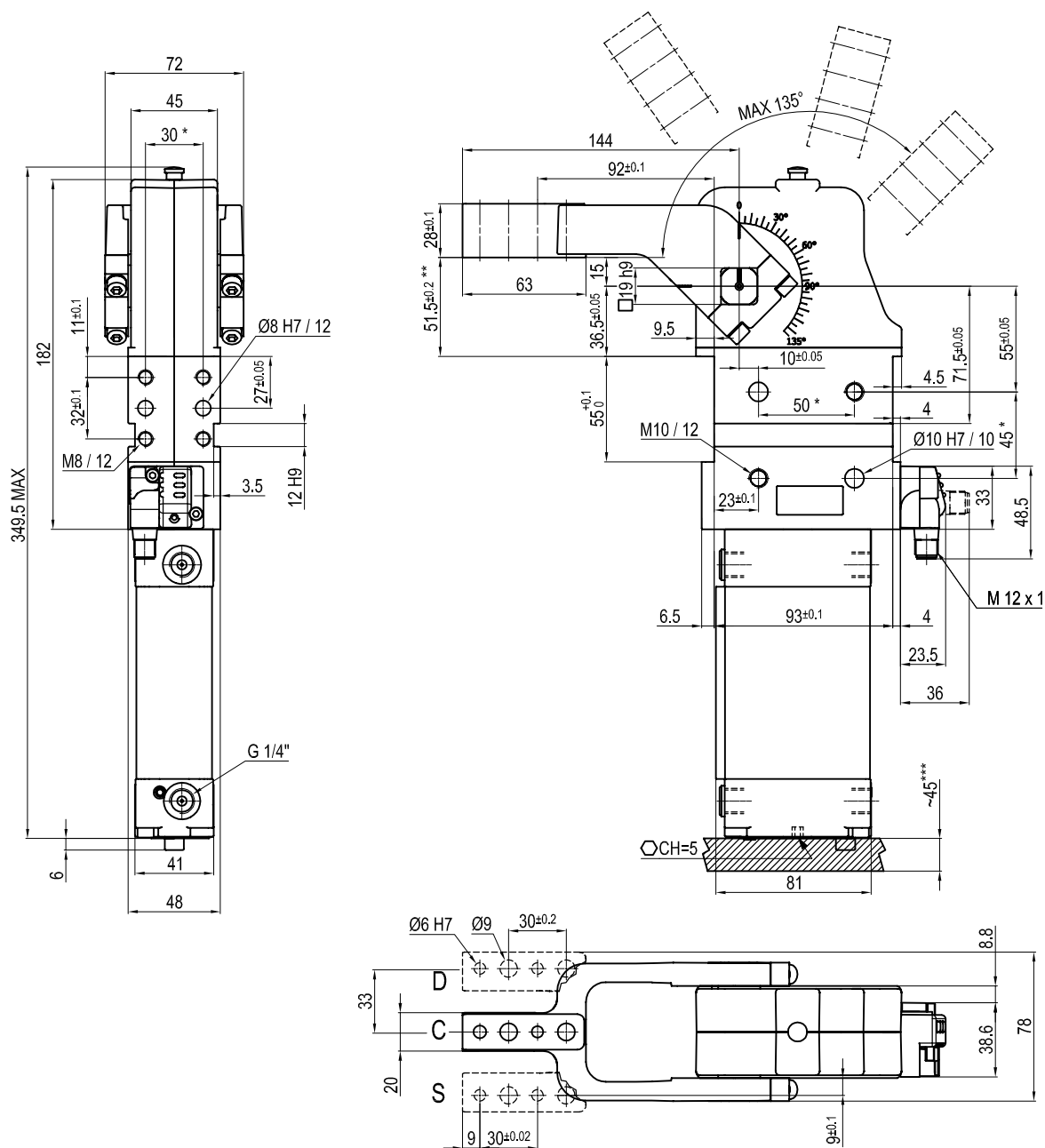
** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT

**** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED



UBP50V_U Pneumatic Power Clamp



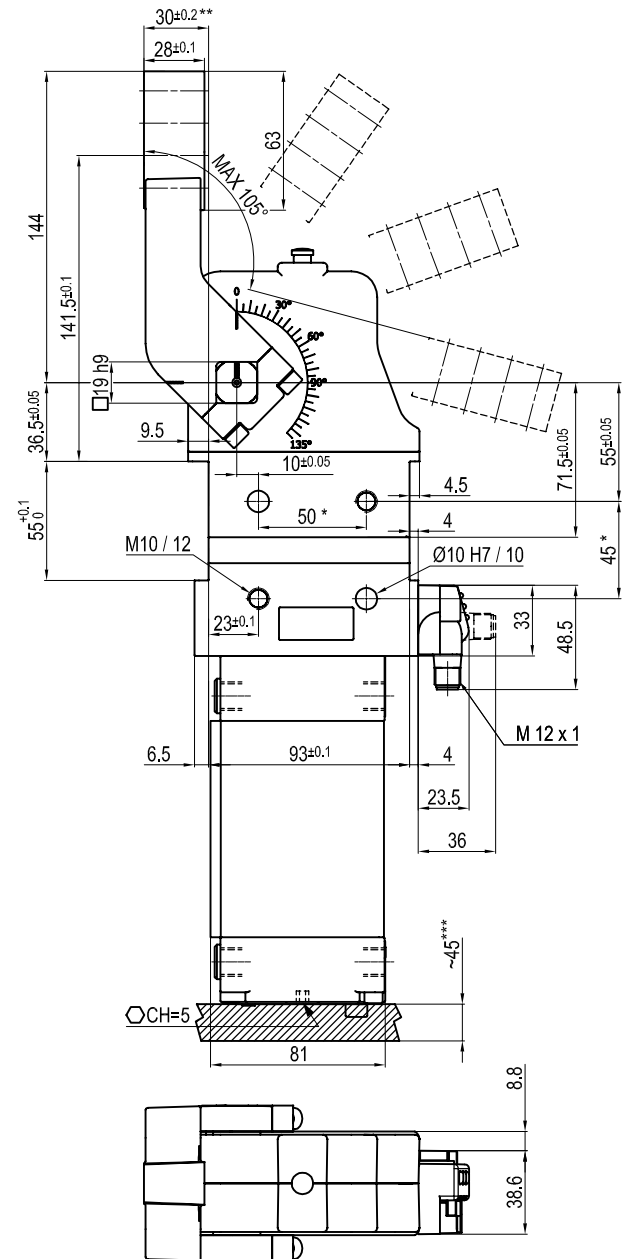
* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT



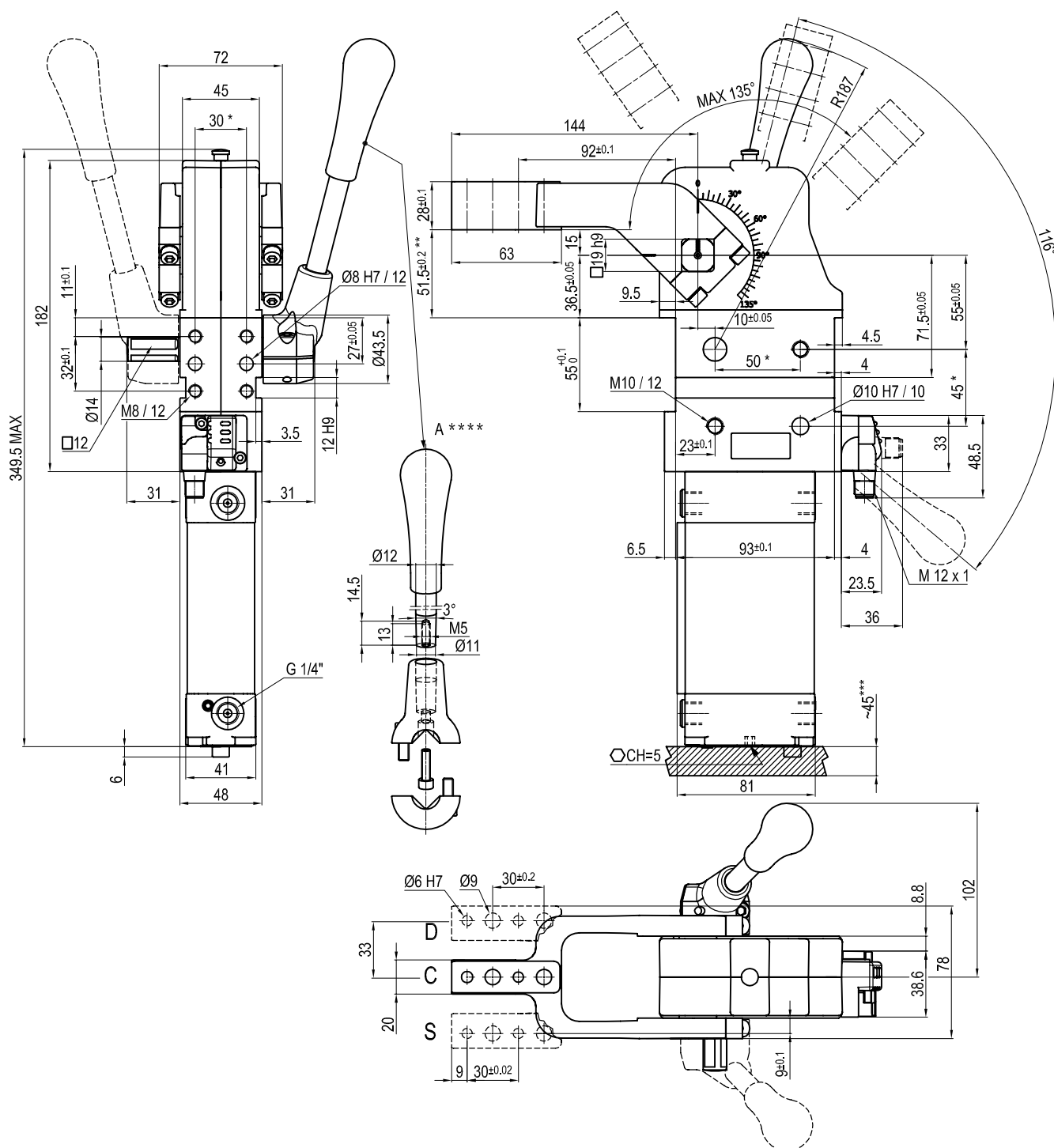
UBP500_U Pneumatic Power Clamp



Information subject to change without notice. For ordering information or regarding your local sales office visit www.numatics.com.



UBM50V_U Pneumatic Power Clamp with Manual Lever



* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

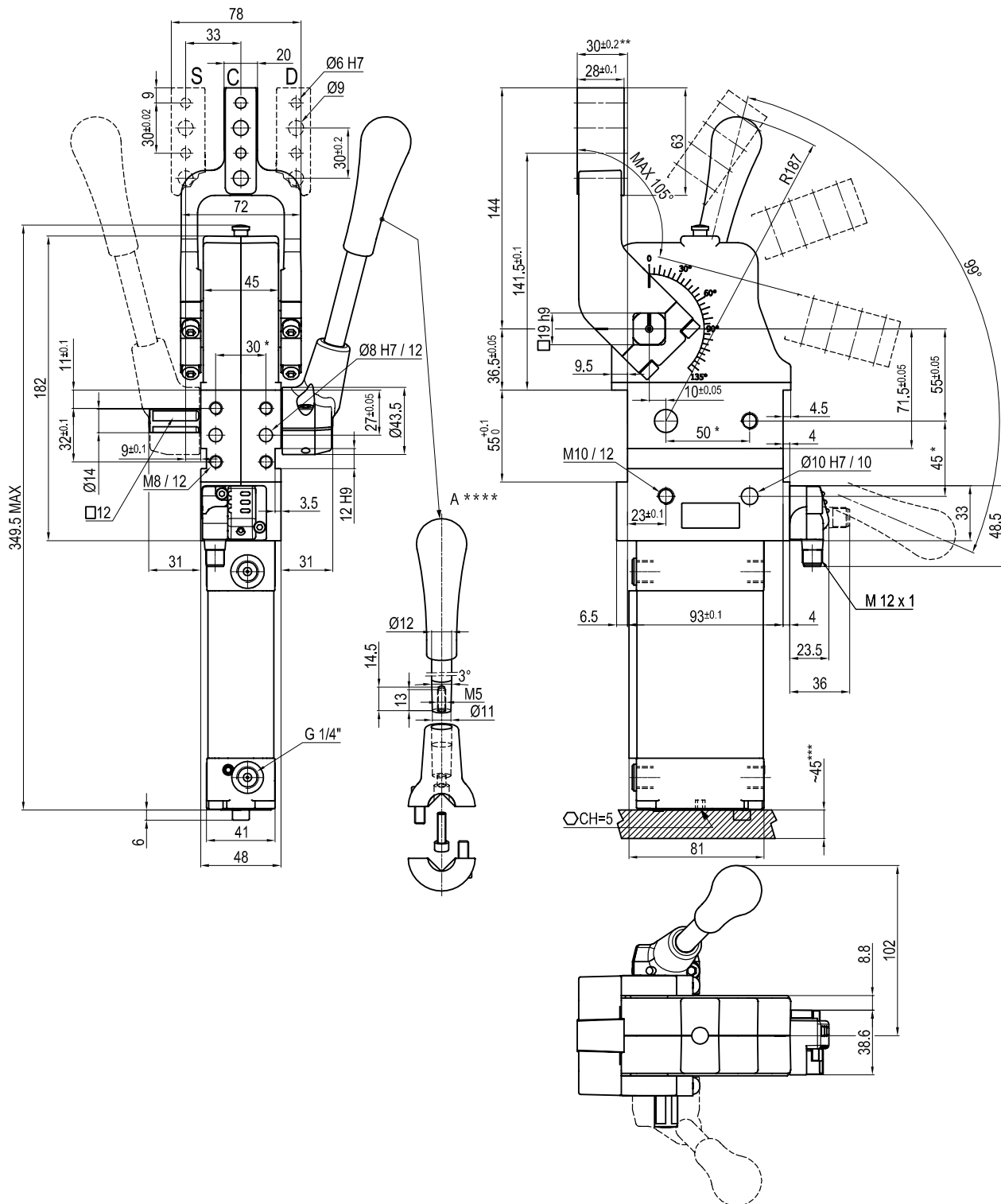
*** : AREA TO ACCESS ANGLE ADJUSTMENT

**** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED



UBP Series Pneumatic Power Clamp

UBM500_U Pneumatic Power Clamp with Manual Lever



* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

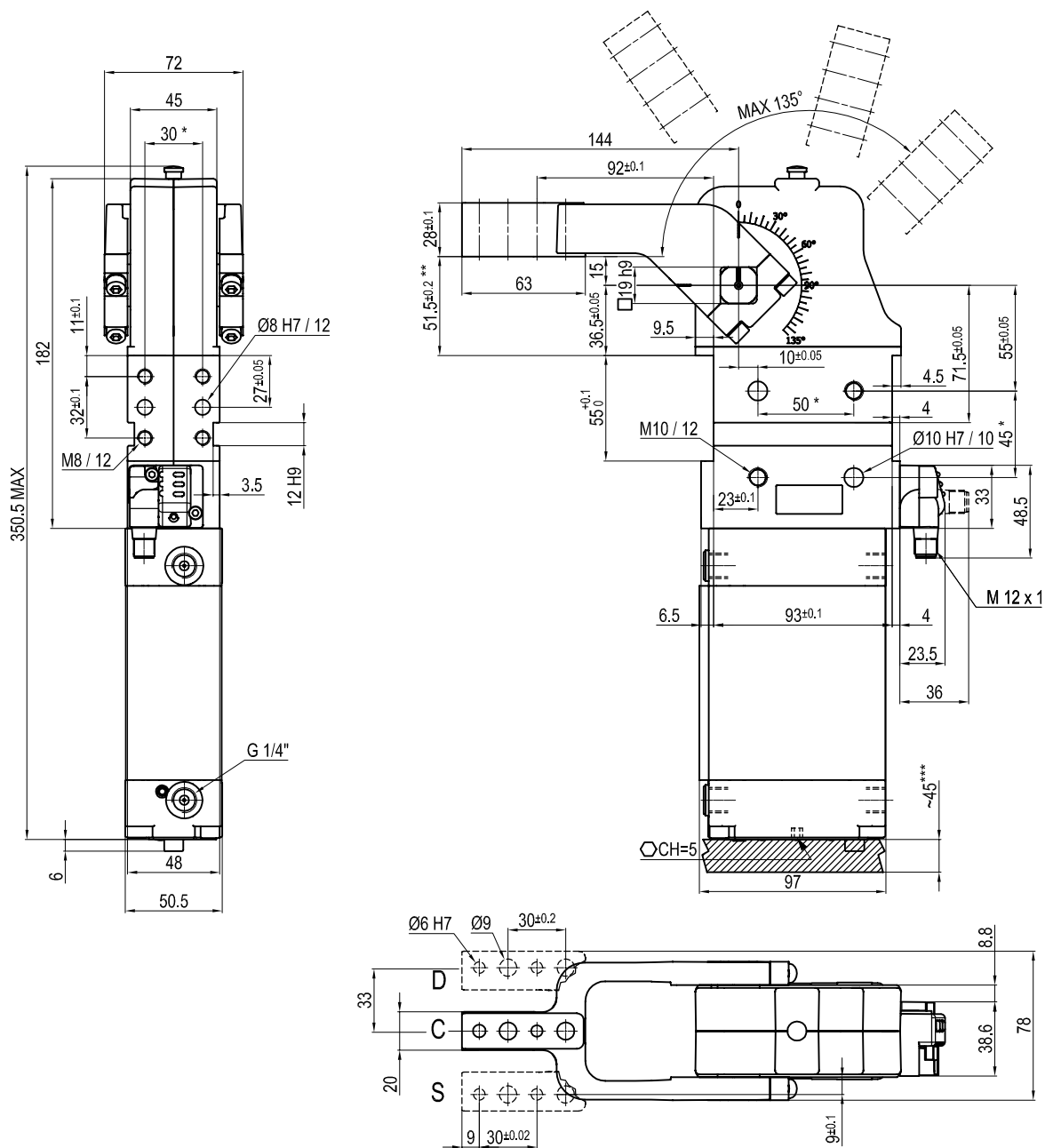
** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT

**** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED



UBP63V_U Pneumatic Power Clamp



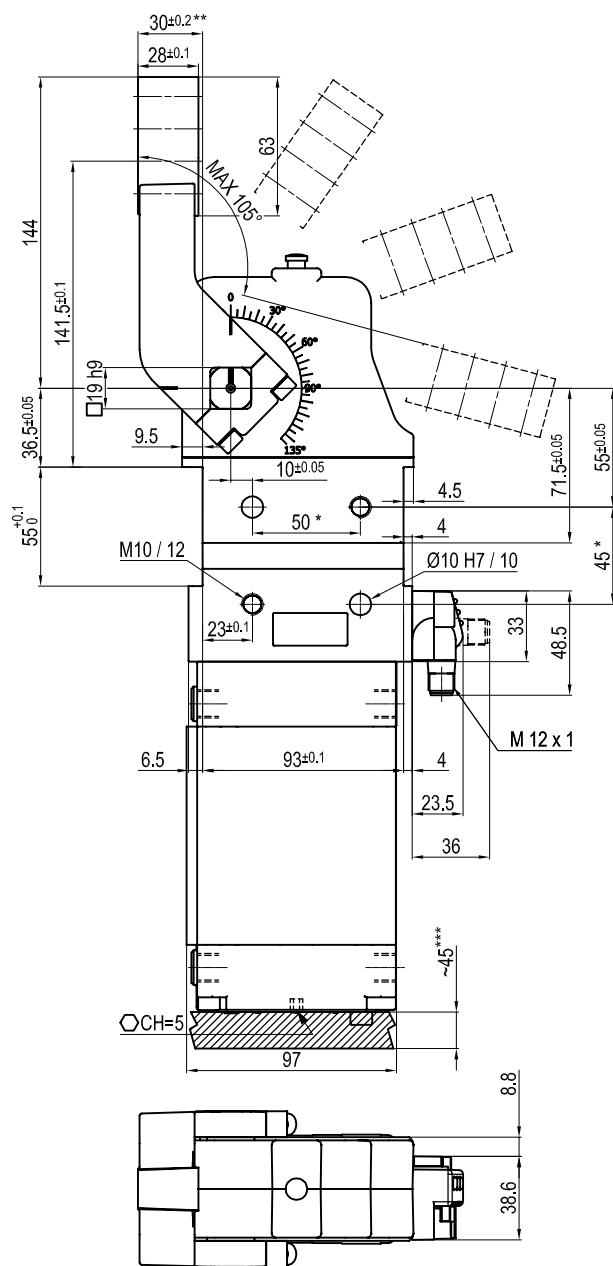
* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT



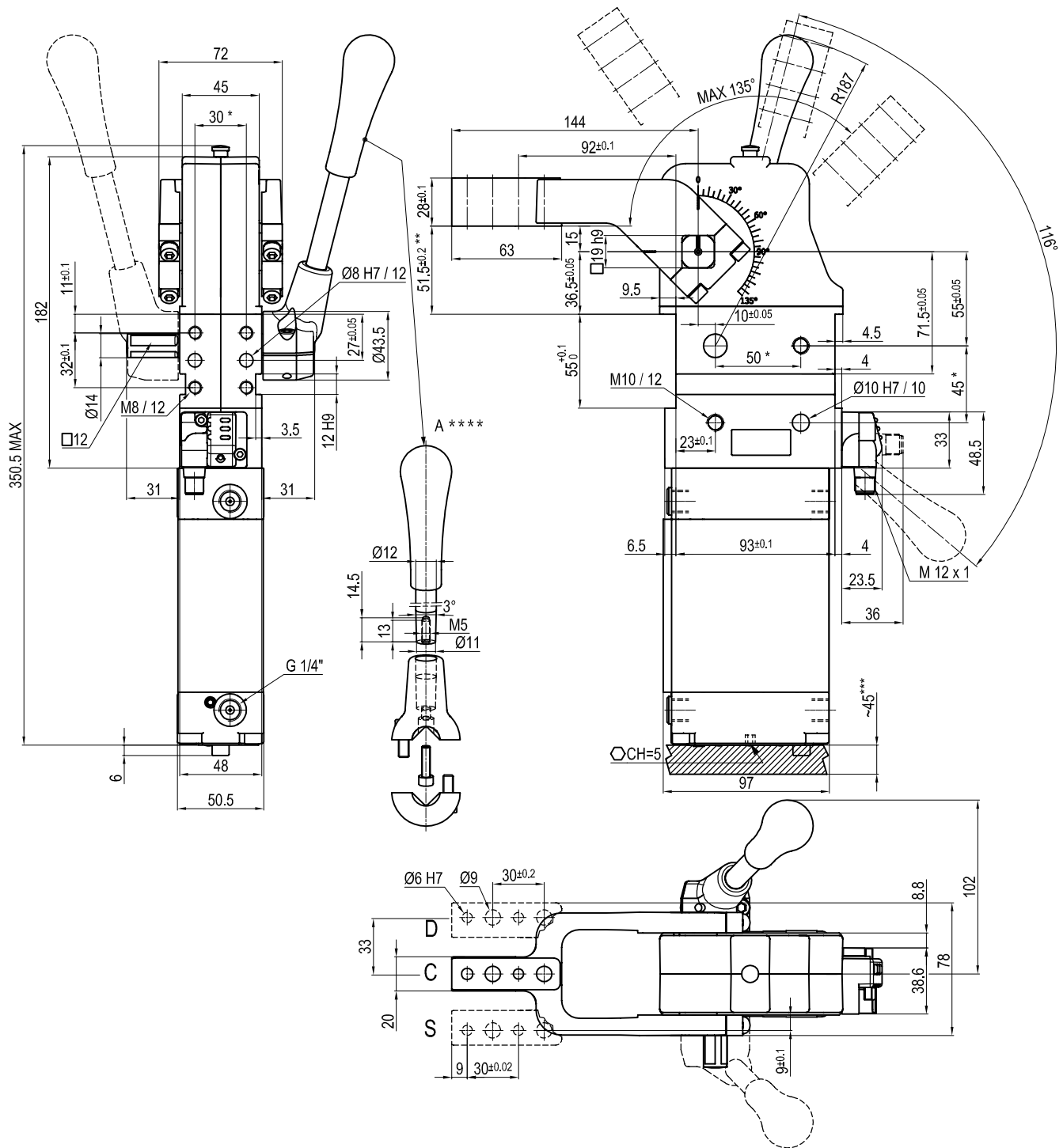
UBP630_U Pneumatic Power Clamp



*** : AREA TO ACCESS ANGLE ADJUSTMENT



UBM63V_U Pneumatic Power Clamp with Manual Lever



* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

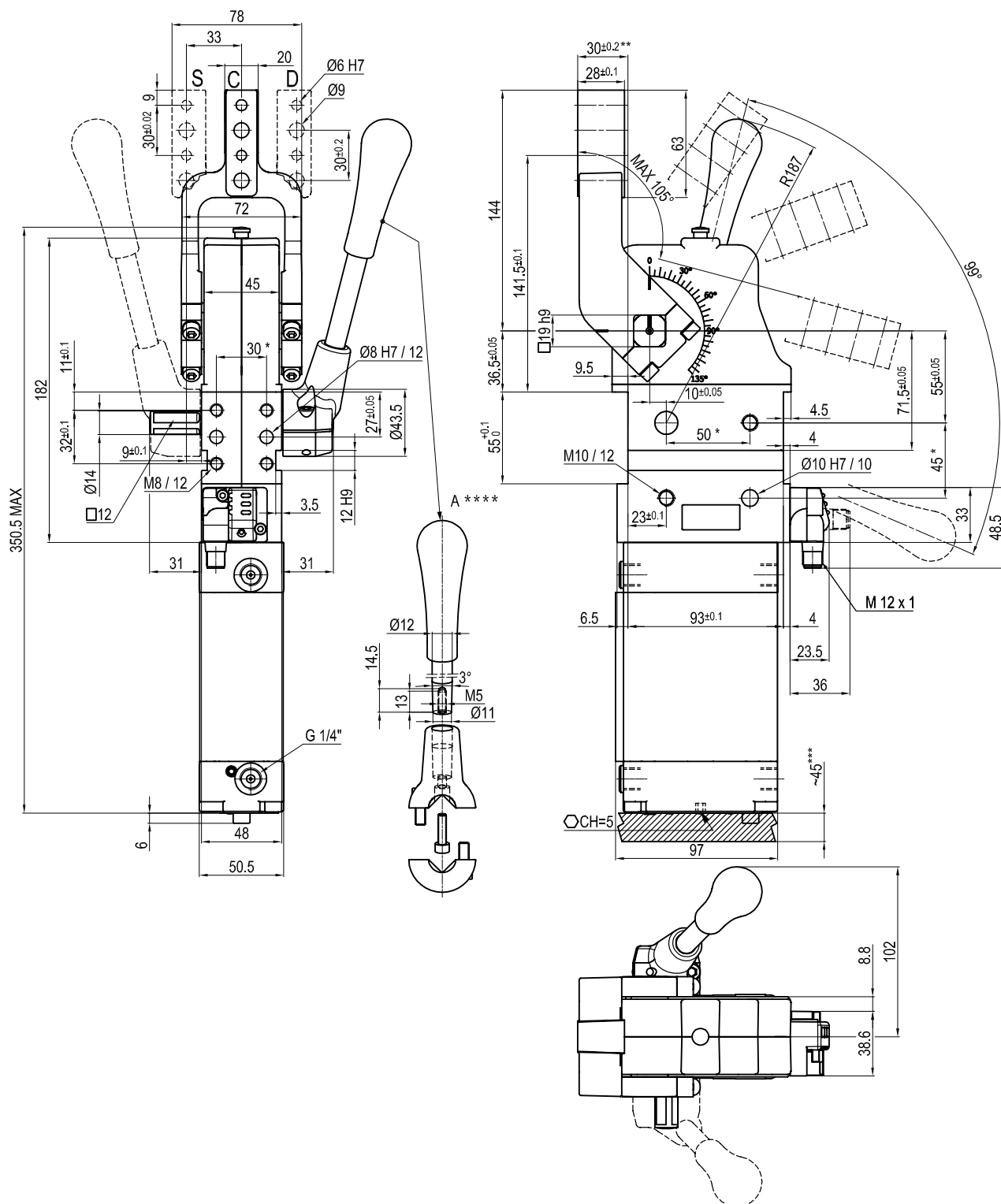
*** : AREA TO ACCESS ANGLE ADJUSTMENT

**** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED



UBP Series Pneumatic Power Clamp

UBM63O_U Pneumatic Power Clamp with Manual Lever



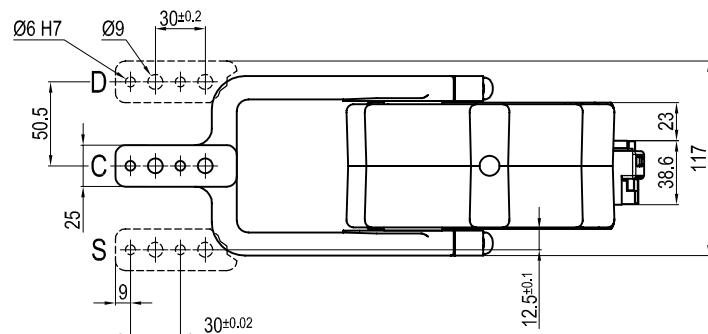
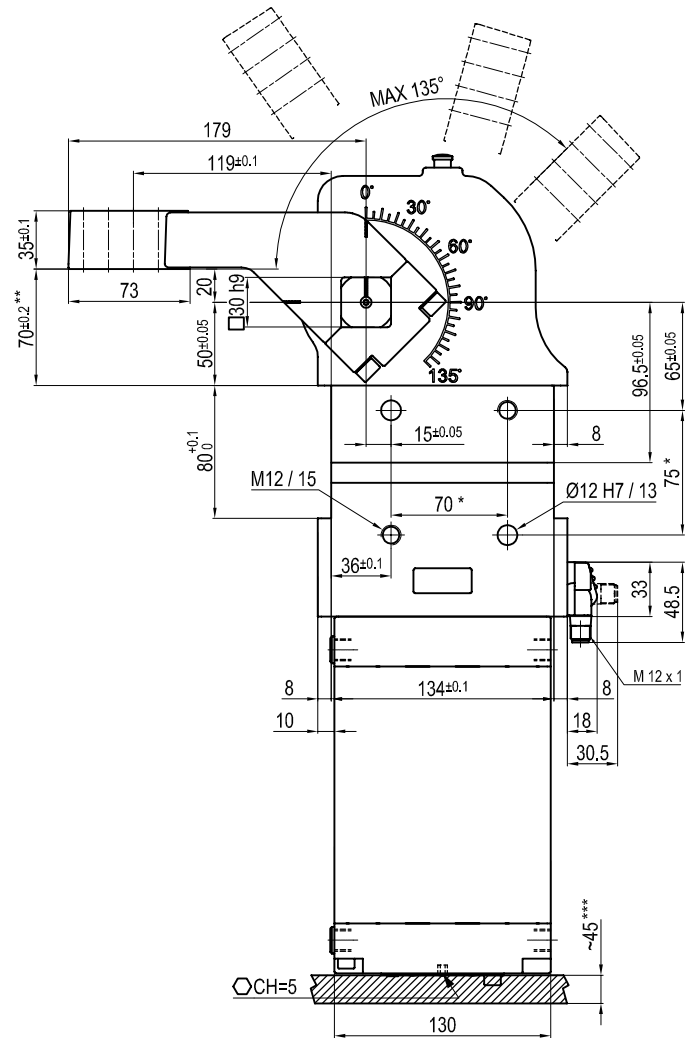
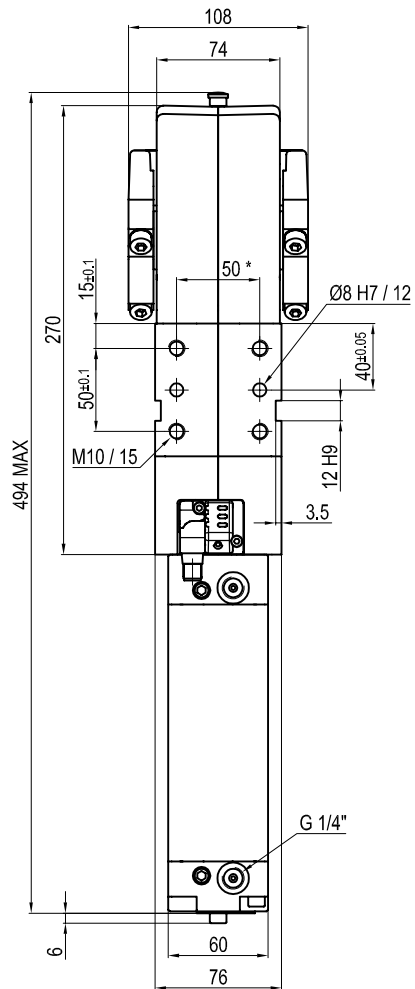
* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT

**** : DIMENSIONS TO BE RESPECTED IN CASE OTHER MANUAL LEVERS ARE USED

UBP80V_U Pneumatic Power Clamp



* : TOLERANCE BETWEEN DOWELS ± 0.02 , TO SCREW HOLES ± 0.1

** : TOLERANCE AT 80mm FROM PIVOT POINT

*** : AREA TO ACCESS ANGLE ADJUSTMENT



UBP800_U Pneumatic Power Clamp

