

VA SERIES HEAVY DUTY VERTICAL CLAMPS

- **Features:**

All VA series clamps are designed to be adaptable and durable, and to withstand abuse in heavy duty applications.

The new VA300 series helps fill the gap at the smaller end of the range. Only manufactured at Brauer, they have a phosphated corrosion resistant finish.

Models VA300S, VA700S, VA1200S and VA2400S comprise a basic toggle mechanism onto which can be welded at the desired angle the clamping arm and handle which can be specified as accessories. These models feature a swivel base which is welded at the desired angle to the mechanism, and then welded either directly to a fixture, or alternatively to a base which is offered as an accessory for bolt mounting.

Models VA300T, VA700T, VA1200T, and VA2400T share all the features of the above models, but with a straight base which can be directly bolt mounted or welded to a fixture, or alternatively to the accessory base for bolt mounting.

Models VA300T, VA700/1A, VA1200/1A and VA2400/1A are similar to the type 'T' models, but with a handle with a PVC grip fitted vertically, and a longer stub clamping arm which can be modified and the spindle retainer supplied welded in the desired position.

Models VA300T, VA700/2C, VA1200/2C and VA2400/2C feature a flanged base with holes for bolt mounting, a handle with PVC grip fitted vertically, and a fixed spindle or setscrew position which does not require welding.

- **Specification:**

The main components are of steel, the forked lower handles being precision alloy steel castings, and all axles of hardened steel running in either hardened bushes or directly in the close-toleranced holes of hardened parts. The clamps are finished chemi-black.

- **Installation:**

When welding the swivel base of the type 'S' models to the clamp mechanism ensure that the full length of the adjoining surfaces are welded. Ensure that welding spatter does not enter the slots which form the forward stop of the mechanism.

The handle pivot bolt may be adjusted if required to remove excess free play from the mechanism.

Frequent lubrication will extend the life of the clamp.

HEAVY-DUTY VERTICAL CLAMPS

VA300 SERIES MODEL VA300/S



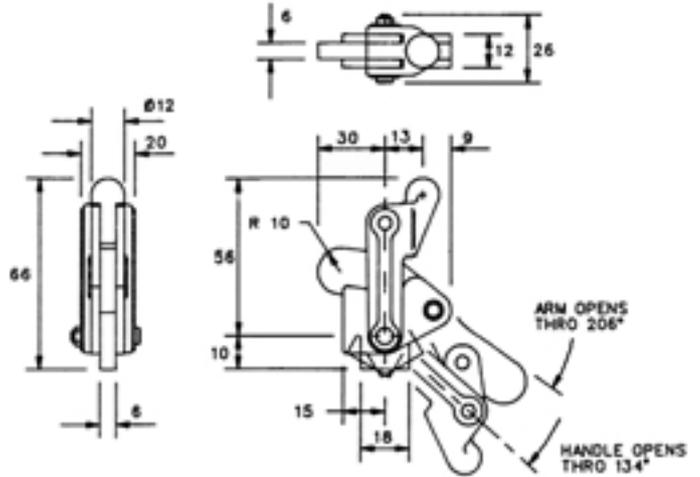
Arm:
Stub nose for welded extension.

Base:
Swivel for welding in the desired position.

Nominal Holding Force:
300 daN

Weight:
0.15 Kg

See "Accessories" for other items.



VA300 SERIES MODEL VA300/T



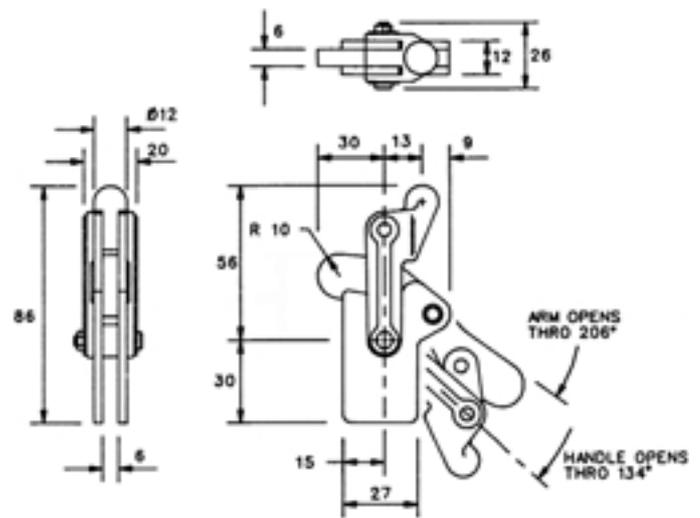
Arm:
Stub nose for welded extension.

Base:
Straight.

Nominal Holding Force:
300 daN

Weight:
0.15 Kg

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA300 SERIES
MODEL VA300/2S



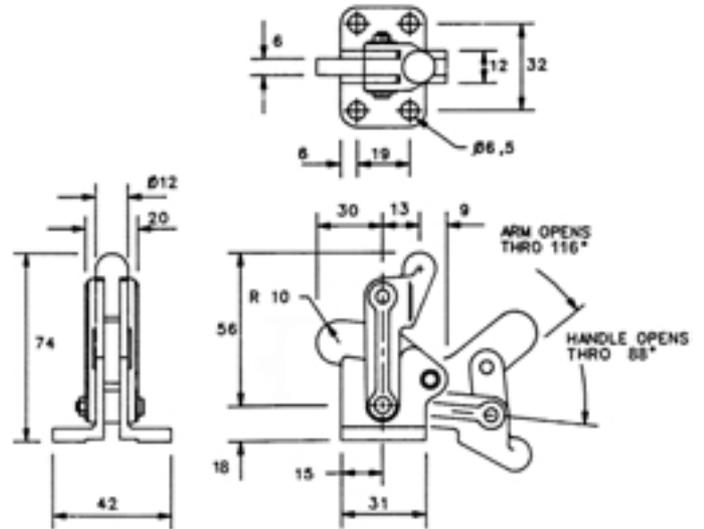
Arm:
Stub nose for welded extension.

Base:
Flanged.

Nominal Holding Force:
300 daN

Weight:
0.20 Kg

See "Accessories" for other items.



VA300 SERIES
MODEL VA300/1B



Arm:
The spindle is adjustable along the arm.

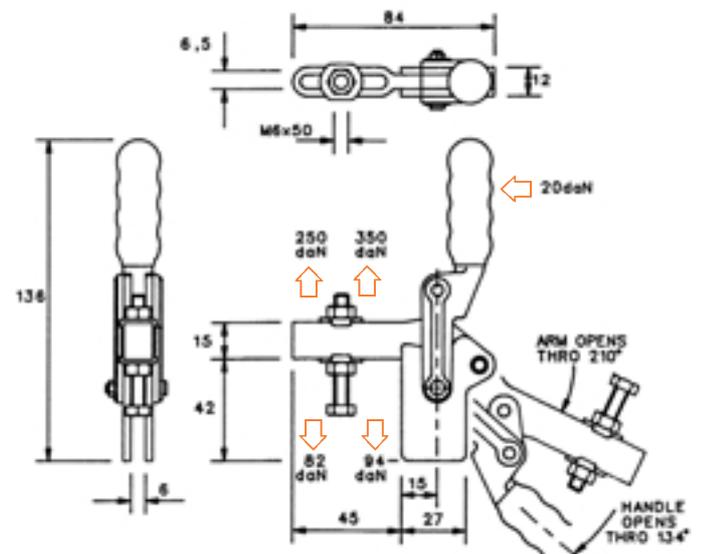
Base:
Straight.

Nominal Holding Force:
300 daN

Weight:
0.25 Kg

Supplied complete with:
MB0650 Set screw & nuts.
FW 06/12 Flanged washer.

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA300 SERIES

MODEL VA300/2B



for pneumatic models
see page 6



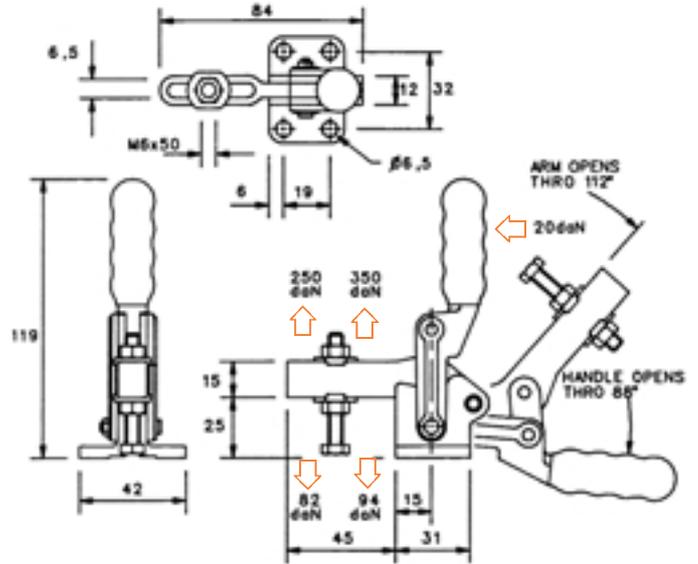
Arm:
The spindle is adjustable along the arm.

Base:
Flanged.

Nominal Holding Force:
300 daN

Weight:
0.25 Kg

Supplied complete with:
MB0650 Set screw & nuts.
FW 06/12 Flanged washer.
See "Accessories" for other items.



VA300 SERIES

MODEL VA300/2BT



for pneumatic models
see page 6



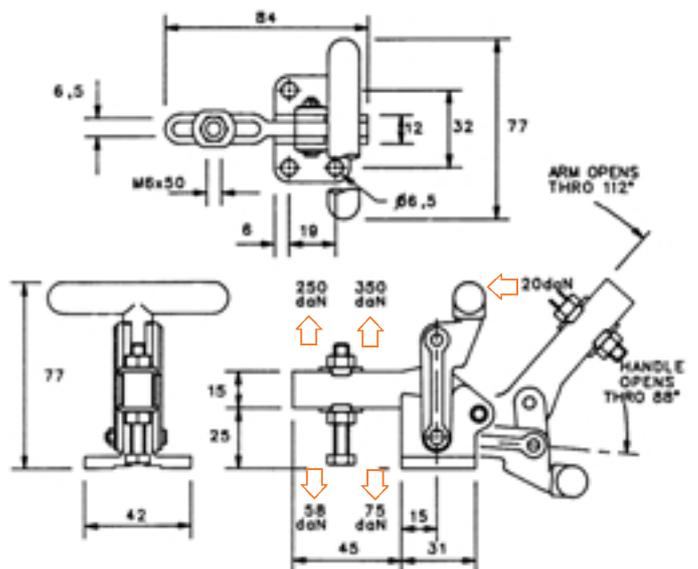
Arm:
The spindle is adjustable along the arm.

Base:
Flanged.

Nominal Holding Force:
300 daN

Weight:
0.25 Kg

Supplied complete with:
MB0650 Set screw & nuts.
FW 06/12 Flanged washer.
See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA300 SERIES ACCESSORIES

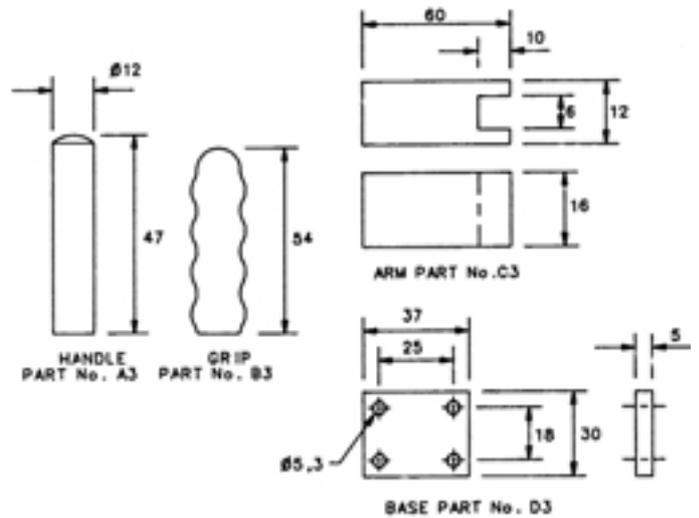


Model A3 Handle: Weight: 0.056 Kg
For welding at the desired angle to VA300S & VA300T.

Model B3 Grip: Weight: 0.011 Kg
To fit A3 handle.

Model C3 Arm: Weight: 0.083 Kg
For extending the stub arms of VA300S & VA300T.

Model D3 Base: Weight: 0.040 Kg
For bolt mounting VA300S & VA300T.



VA700 SERIES MODEL VA700S



Arm: Stub nose for welded extensions.

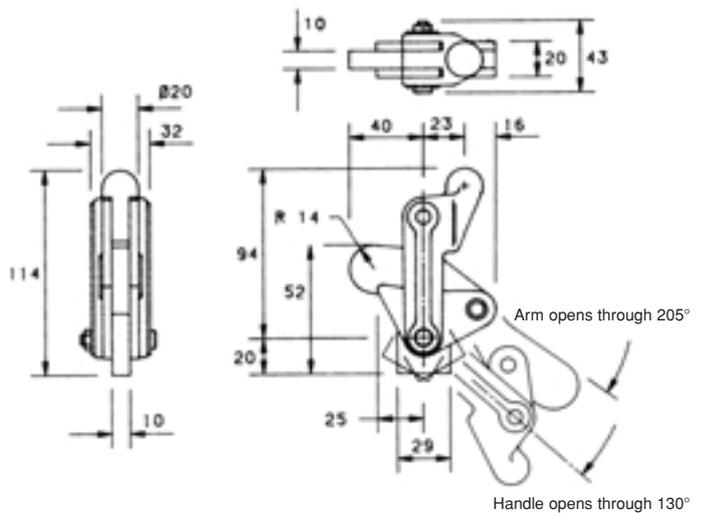
Base: Swivel for welding in the desired position.

Nominal Holding Force: 700 daN

Weight: 0.70 Kg

See "Features and installation information" page for installation instructions.

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA700 SERIES MODEL VA700T



Arm:
Stub nose for welded extensions.

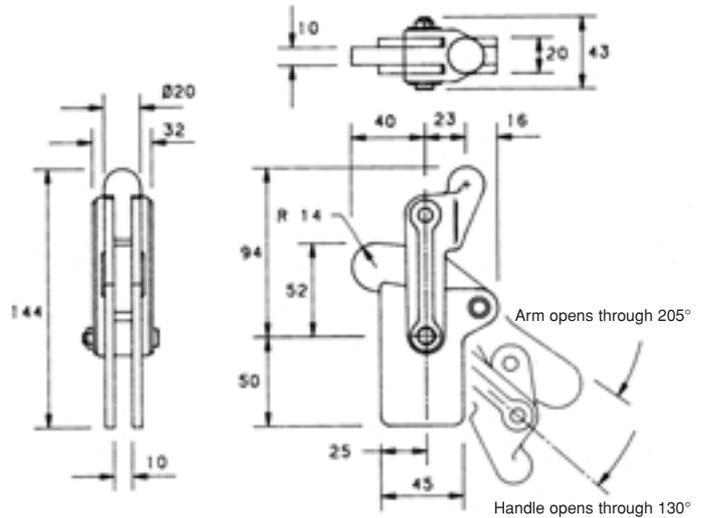
Base:
Straight.

Nominal Holding Force:
700 daN

Weight:
0.80 Kg

See "Features and installation information" page for installation instructions.

See "Accessories" for other items.



VA700 SERIES MODEL VA700/1A



Arm:
Solid arm.

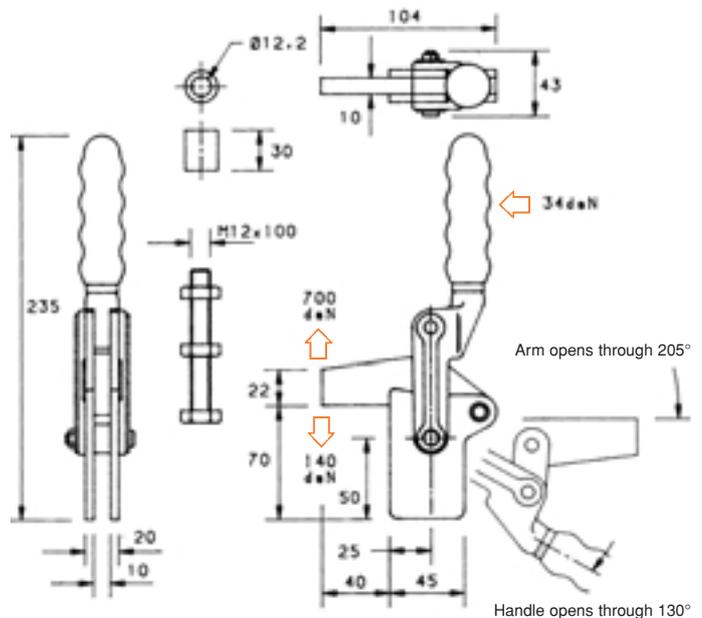
Base:
Straight.

Nominal Holding Force:
700 daN

Weight:
1.10 Kg

Supplied complete with:
Spindle retainer.
MB12100 Setscrew & nuts.

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA700 SERIES ACCESSORIES



Model A7 Handle:
For welding at the desired angle to VA700S & VA700T.

Weight:
0.20 Kg

Model B7 Grip:
To fit A7 handle.

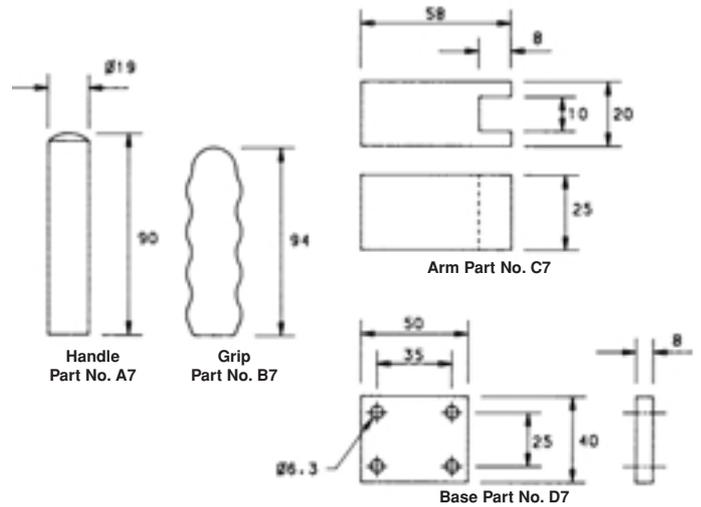
Weight:
0.01 Kg

Model C7 Arm:
For extending the stub arms of VA700S & VA700T.

Weight:
0.21 Kg

Model D7 Base:
For bolt mounting VA700S and VA700T.

Weight:
0.11 Kg



VA1200 SERIES MODEL VA1200S



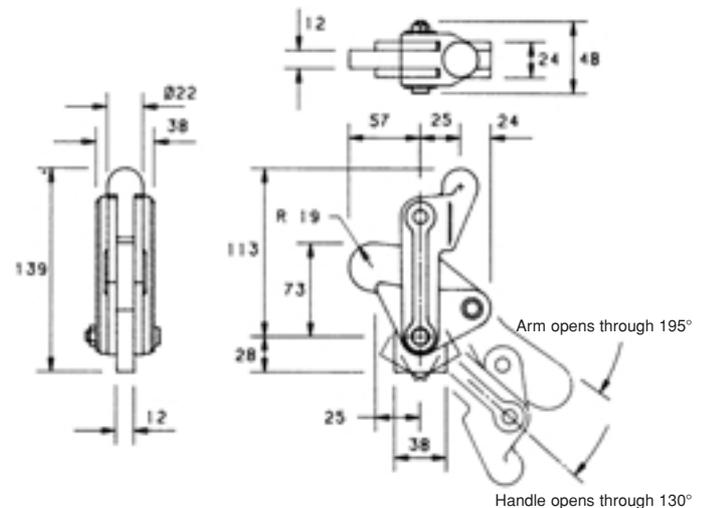
Arm:
Stub nose for welded extensions.

Base:
Swivel for welding in the desired position.

Nominal Holding Force:
1200 daN

Weight:
1.30 Kg

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA1200 SERIES
MODEL VA1200T



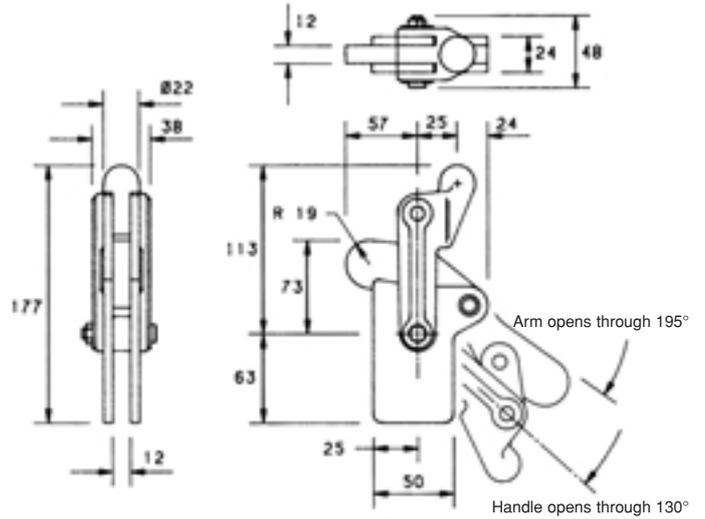
Arm:
Stub nose for welded extensions.

Base:
Straight.

Nominal Holding Force:
1200 daN

Weight:
1.45 Kg

See "Accessories" for other items.



VA1200 SERIES
MODEL VA1200/1A



Arm:
Solid arm.

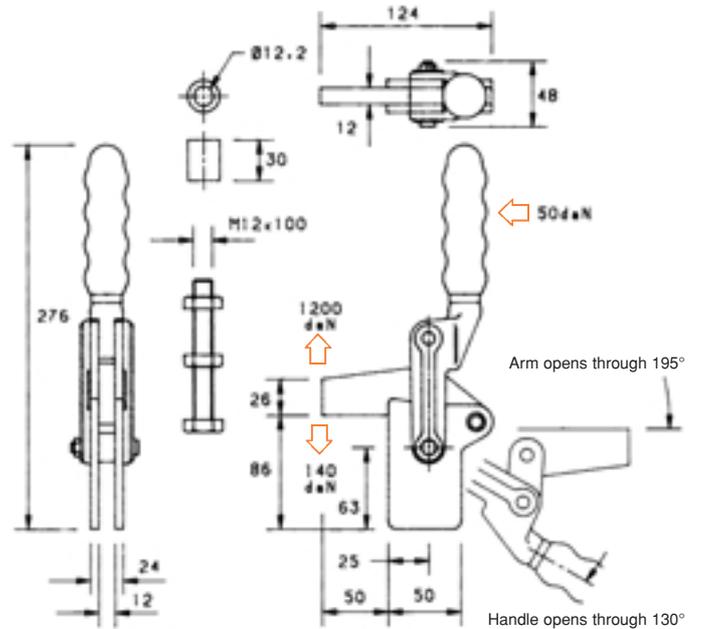
Base:
Straight.

Nominal Holding Force:
1200 daN

Weight:
1.80 Kg

Supplied complete with:
Spindle retainer.
MB12100 Setscrew & nuts.

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA1200 SERIES
MODEL VA1200TP



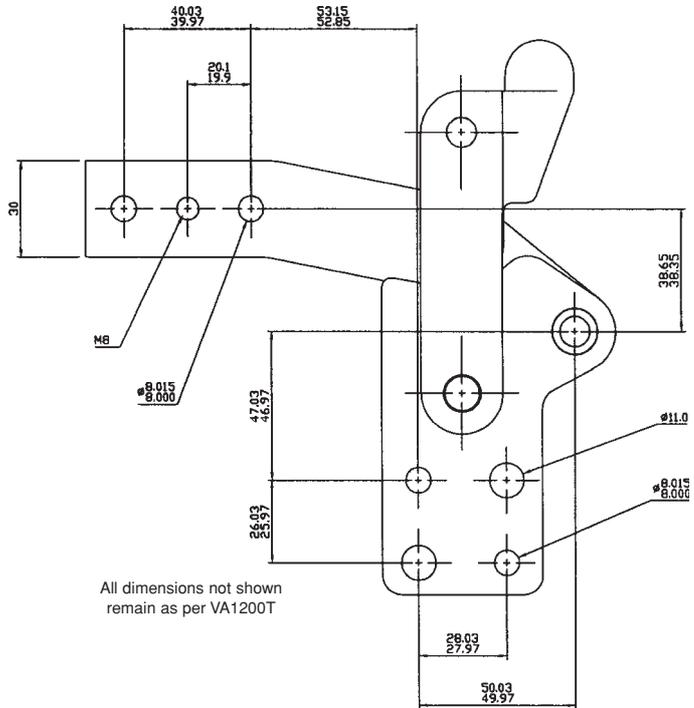
Arm:
Solid arm with mounting holes.

Base:
Straight with mounting holes.

Nominal Holding Force:
1200 daN

Weight:
1.87kg

See "Accessories" for other items.



VA1200 SERIES ACCESSORIES

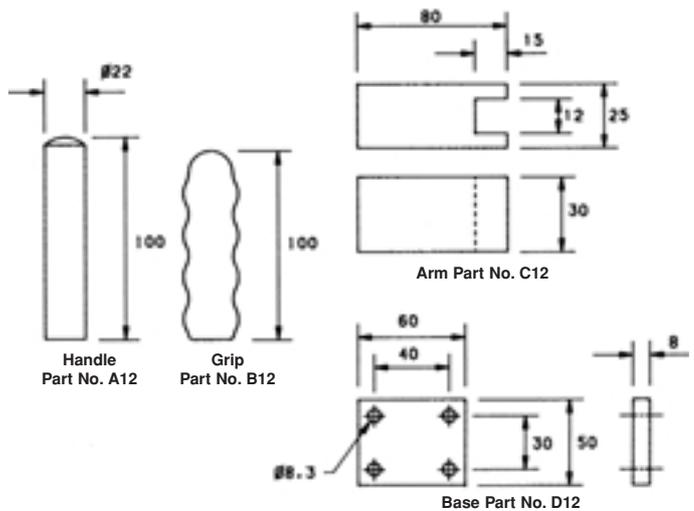


Model A12 Handle: Weight: 0.30 Kg
For welding at the desired angle to VA1200S & VA1200T.

Model B12 Grip: Weight: 0.01 Kg
To fit A12 handle.

Model C12 Arm: Weight: 0.42 Kg
For extending the stub arms of VA1200S & VA1200T.

Model D12 Base: Weight: 0.17 Kg
For bolt mounting VA1200S & VA1200T.



HEAVY-DUTY VERTICAL CLAMPS

VA2400 SERIES
MODEL VA2400S



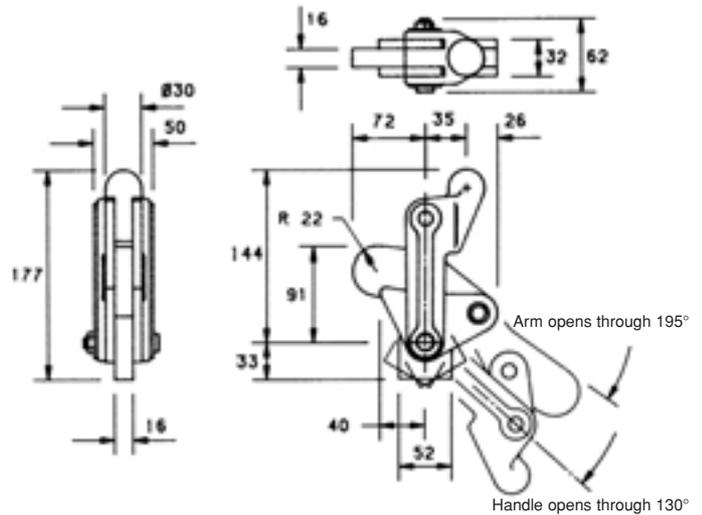
Arm:
Stub nose for welded extensions.

Base:
Swivel for welding in the desired position.

Nominal Holding Force:
2400 daN

Weight:
2.90 Kg

See "Accessories" for other items.



VA2400 SERIES
MODEL VA2400T



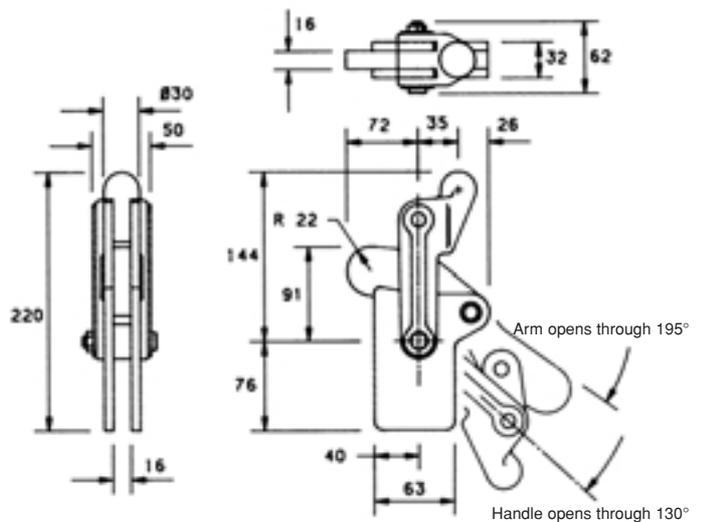
Arm:
Stub nose for welded extensions.

Base:
Straight.

Nominal Holding Force:
2400 daN

Weight:
3.20 Kg

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA2400 SERIES

MODEL VA2400/1A



Arm:
Solid arm.

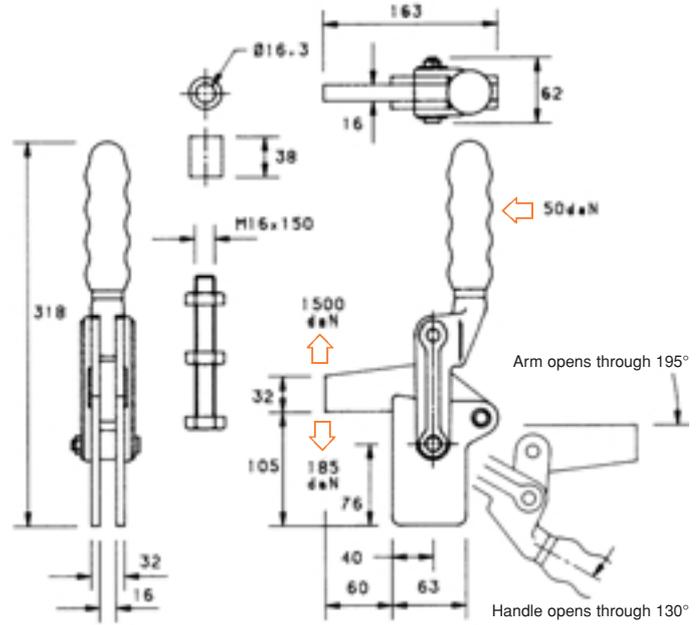
Base:
Straight.

Nominal Holding Force:
2400 daN

Weight:
3.75 Kg

Supplied complete with:
Spindle retainer.
MB16150 Setscrew & nuts.

See "Accessories" for other items.



VA2400 SERIES

MODEL VA2400/2C



Arm:
The spindle is in a fixed position.

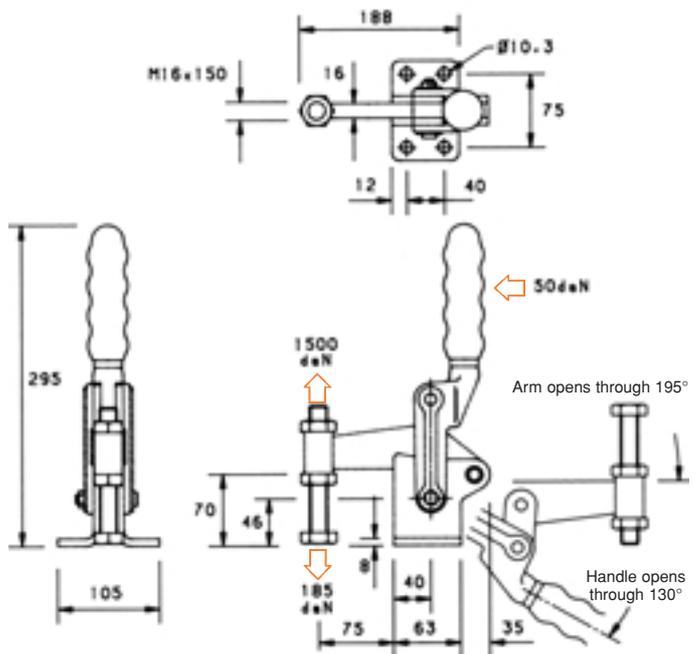
Base:
Flanged.

Nominal Holding Force:
2400 daN

Weight:
4.10 Kg

Supplied complete with:
MB16150 Setscrew & nuts.

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA2400 SERIES
MODEL VA2400TD



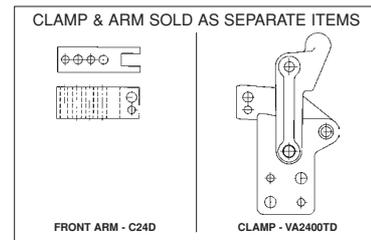
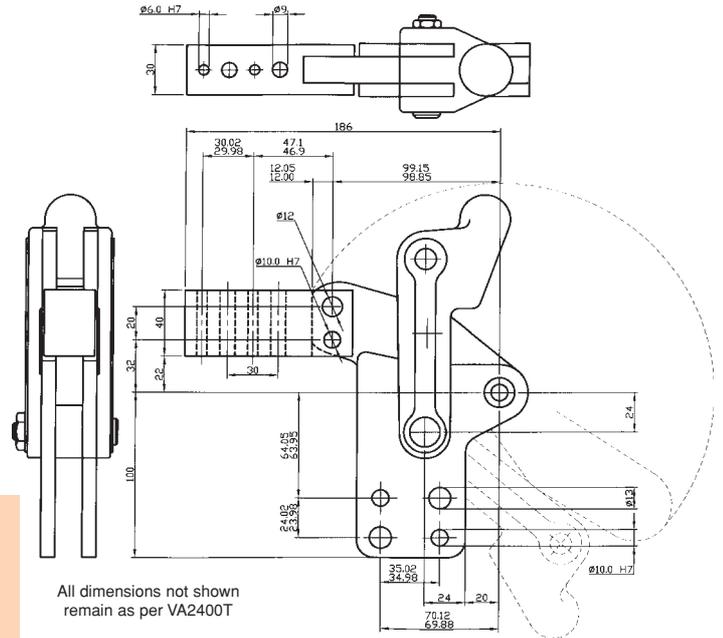
Arm:
Stub nose with mounting holes.

Base:
Straight with mounting holes.

Nominal Holding Force:
2400 daN

Weight:
3.96kg

See "Accessories" for other items.



VA2400 SERIES
MODEL VA2400TP



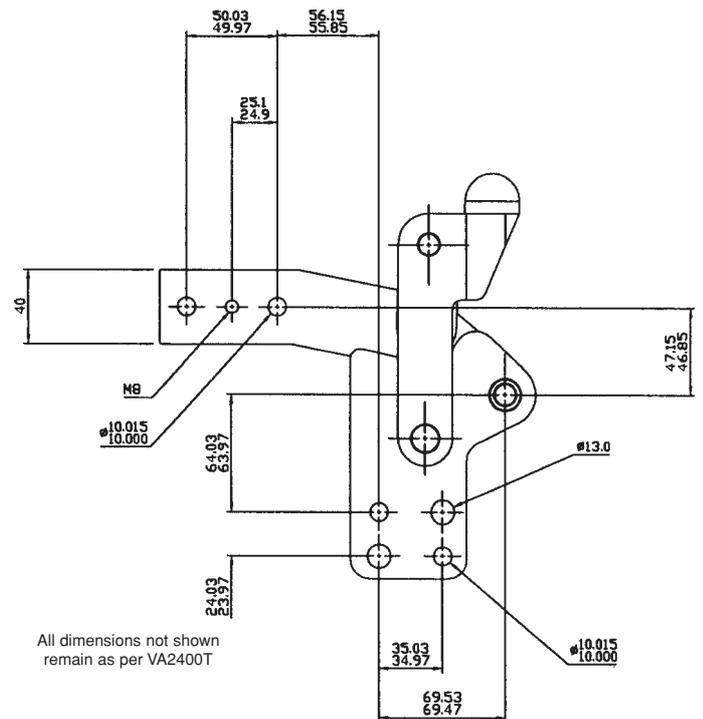
Arm:
Solid arm with mounting holes.

Base:
Straight with mounting holes.

Nominal Holding Force:
2400 daN

Weight:
3.96kg

See "Accessories" for other items.



HEAVY-DUTY VERTICAL CLAMPS

VA2400 SERIES
ACCESSORIES



Model A24 Handle:
For welding at the
desired angle to
VA2400S & VA2400T.

Weight:
0.39Kg

Model B24 Grip:
To fit A24 handle.

Weight:
0.02 Kg

Model C24 Arm:
For extending the stub
arms of VA2400S
& VA2400T.

Weight:
0.76 Kg

Model D24 Base:
For bolt mounting
VA2400S & VA2400T.

Weight:
0.26 Kg

