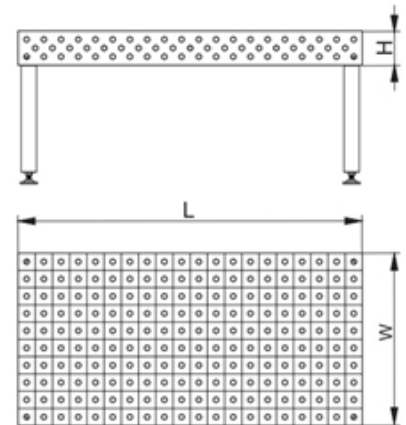


3D WELDING TABLE

MODEL: YHD22S2412 (D22)

SIZE: 2400 x 1200 x 150mm



BLACK NITRIDE COATING

3D Flexible Welding Table & Fixtures is a newly widely-used welding tool. Which enjoy modularity, standardization & reusability. Mainly used for welding clamping & location of steel structure and other products assemblies & fabrications. It has replaced traditional dedicated fixtures with its high efficiency/precision/convenience.

PRODUCT INTRODUCTION:

- 3D Welding Table has 5 working surfaces (1 Top + 4 sides surfaces), the sides are for extending working area and positioning.
- 3 Series: D16/D22/D28
- D16 Tables: Hole Diameter is $\phi 16\text{mm}$; Hole spacing to each other is $50 \pm 0.05 \text{ mm}$; Grid Pattern 50 x 50 mm on table top.
- D22 Tables: Hole Diameter is $\phi 22\text{mm}$; Hole Spacing to each other is $75 \pm 0.05\text{mm}$; Grid pattern 75 x 75 mm on table top.
- D28 Tables: Hole Diameter is $\phi 28\text{mm}$; Hole spacing to each other is $100 \pm 0.05\text{mm}$; Grid pattern 100 x 100 mm on table top.

COMPARED WITH TRADITIONAL

ARTICLES	3D WELDING TABLE	TRADITIONAL
Apperance	 	 
Reusability	Welding for any different work piece	Only for the same workpiece
Location Precision	Precision machined, tolerance reach to decimillimeter	Rough machined , big tolerance
Clamping Effects	Product yield rate $\geq 98\%$	$85\% \leq$ product yield rate $\leq 95\%$
Developing Period	Flexible buil-up , only need about 45 minutes	Designing & making ≥ 10 days
Quality	Special processing , keep same better quality	Difference between 2 fixtures
User's Training	Only 2 hrs. to learn how to use	Training for each different fixtures
Maintenance & Management	Modular & standard for managing easily	Piled in a mess
Cost/Performance Ratio	One-time cost , long term benefits	Continuous high cost

INCLUDED PARTS WITH THE TABLE:

1. LOCATING ANGLE



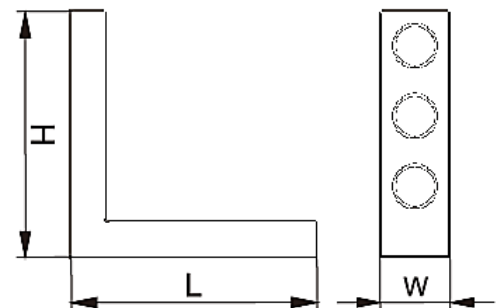
Type B



Type C

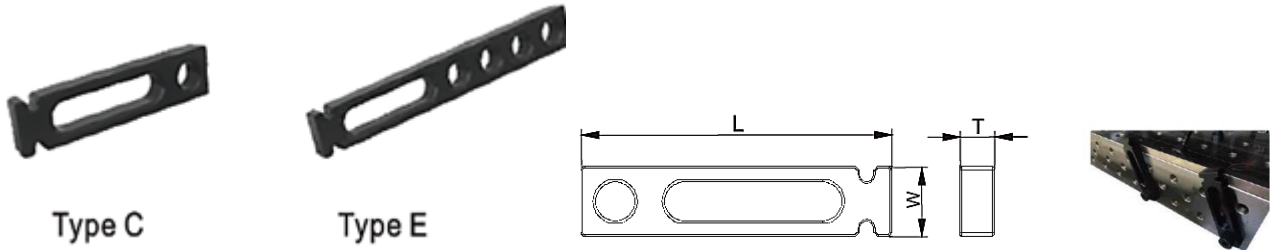
PRODUCT INTRODUCTION:

- These locators are widely used.
- The one with Slot design are adjustable.
- Can extend and enlarge tables.
- 3 Designs of 7 Types: Hole/Slot, Hole/Hole, Slot/Slot



Type	Size (mm)	QTY.	D22 Part No.
B	130 x 36 x 55	4 pcs	YHD22JC130
C	130 x 36 x 130	4 pcs	YHD22JC130HS

2. LOCATING BAR

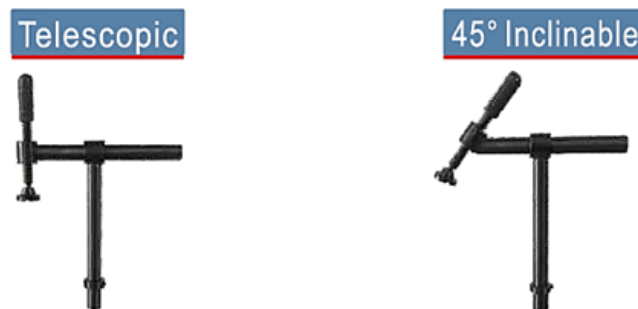


PRODUCT INTRODUCTION:

- U-nicks of bar are used for locating corner of workpiece
- Widely used and one with slot design are adjustable

Type	Size (mm)	QTY	D22 Part No.
C	115 x 36 x 18	6 pcs	YHD22PC115
E	485 x 70 x 18	2 pcs	YHD22PC485

3. QUICK CLAMP



PRODUCT INTRODUCTION:

- To clamp and reinforce the workpieces after positioning.
- Clamping pad adopt to any angle for weldments and is replaceable.
- Put into table and fixture's hole directly
- Move up and down to fix height
- It is flexible and can move around and revolve
- Knurled handle (S45C) for Clamping piece Type A (Without the rubber handle)

Type	Size (mm)	QTY	D22 Part No.
Telescopic	250 x 250 x 65	4 pcs.	YHD22YSS250
45° Inclined	250 x 150 x 65	2 pcs.	YHD22YSQ250

4. HORIZONTAL TOGGLE CLAMP WITH BASE



PRODUCT INTRODUCTION:

- As a Base to match with Toggle Clamp
- Two Types: Round Type & Square Type.
- Choosing Toggle clamps according to size of workpiece.
- Can Locate on table & fixture accessories to clamp quickly after matching set

Size (cm)	QTY	D22 Part No.
304 cm / 305 cm	2 pcs	YHD22JY200C

5. VERTICAL TOGGLE CLAMP WITH BASE

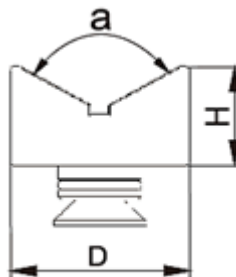


Size	QTY	D22 Part No.
12132	2 pcs.	YHD22JY200S

6. V-BLOCK



Type A

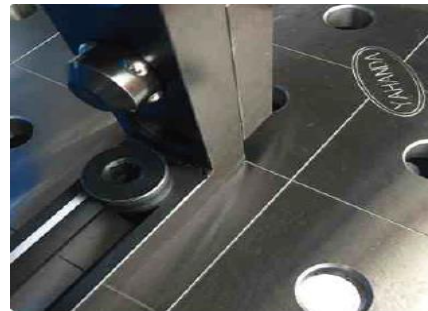
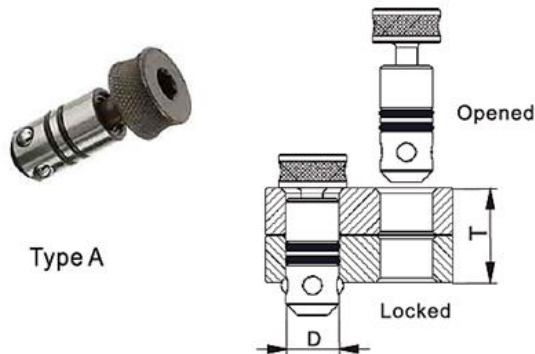


PRODUCT INTRODUCTION:

- Mainly used for positioning of pipe workpiece.
- 120° V-Block for Pipe Diameter in 100mm -140mm
- 90° V-Block for Pipe Diameter under 100mm
- 150° V-Block for Pipe Diameter over 140 mm

Type	Size(DxHxA) mm	QTY	D22 Part No.
A	φ55 x 34 x 120°	4 pcs	YHD22VA55120

7. QUICK LOCKING BOLT



PRODUCT INTRODUCTION:

- For connecting two or three parts together.
- Type A for 2 parts connection and Type B for 3 parts.
- Use inner hex wrench to lighten.
- It is the main locking piece for Modular &

Type	Size(DxT) mm	QTY	D22 Part No.
A	φ22 x 36	17 pcs.	YHD22KS2236

8. GROUND CONNECTOR

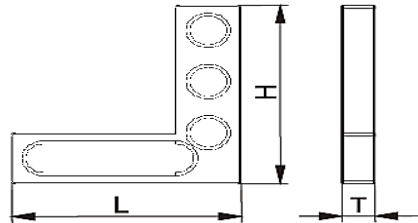


PRODUCT INTRODUCTION:

- Playing a role of safety protection
- The head fixed on table side surface and the tail connect to ground wire

Size (mm)	QTY	D22 Part No.
φ22 x 70	1 pc.	YHD22JD70

9. PLANE SQUARE ACCESSORIES

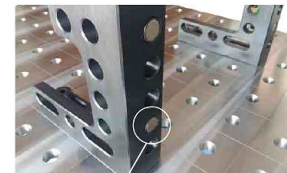
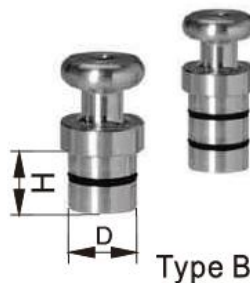


PRODUCT INTRODUCTION:

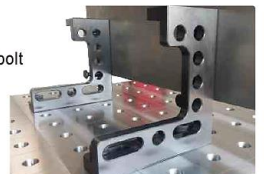
- Used for positioning on a flat surface.
- The one with Slot Design are adjustable.

Type	Size(LxWxT) mm	QTY	D22 Part No.
B	148 x 148 x 18	2	YHD22PJ148148

10. MAGNETIC LOCKING BOLT ACCESSORIES



Magnetic locking bolt

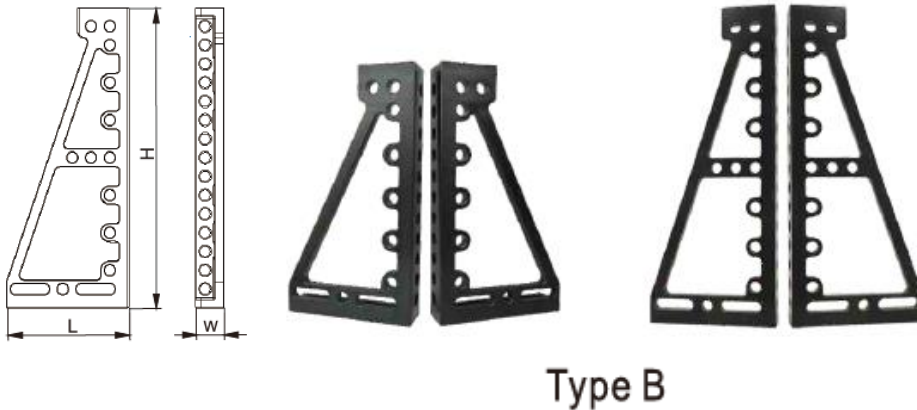


PRODUCT INTRODUCTION:

- Mainly used for positioning of sheet metal workpiece.
- Type A for Series D22/D28, Type B Series D16.
- Use inner hex wrench, cutting off magnet by anti-clockwise rotation.
- Max suction force: D28-15kg, D22-9Kg, D16-5kg

Type	Size(DxH) mm	QTY	D22 Part No.
B	φ22 x 18	4 pcs.	YHD22CL2218

11. SUPPORTING ANGLE



PRODUCT INTRODUCTION:

- 1 set has two parts – left and right, used for positioning for big weldments or extending table working area.
- Can match with other fixturing tools for clamping and positioning weldments.
- Use with slot and hole on bottom side to regulate and fix position.

Type	Size(DxH) mm	QTY	D22 Part No.
B	260 x 62 x 525	1 pc.	YHD22ZC525L
B	260 x 62 x 525	1 pc.	YHD22ZC525R

OPTIONAL TABLE SIZE :

Size (L x W x H) mm	D16 Part No.	Size (L x W x H) mm	D22 Part No.
1000 x 500 x 100	YHD16S1050	1000 x 500 x 150	YHD22S1050
1000 x 1000 x 100	YHD16S1010	1000 x 1000 x 150	YHD22S1010
1200 x 1200 x 100	YHD16S1212	1200 x 1200 x 150	YHD22S1212
1500 x 1000 x 100	YHD16S1510	1500 x 1000 x 150	YHD22S1510
1500 x 1500 x 100	YHD16S1515	1500 x 1500 x 150	YHD22S1515
2000 x 1000 x 100	YHD16S2010	2000 x 1000 x 150	YHD22S2010
2400 x 1200 x 100	YHD16S2412	2400 x 1200 x 150	YHD22S2412

Size (L x W x H) mm	D28 Part No.
1000 x 1000 x 200	YHD28S1010
1200 x 1200 x 200	YHD28S1212
1500 x 1000 x 200	YHD28S1510
1500 x 1500 x 200	YHD28S1515
2400 x 1200 x 200	YHD28S2412
3000 x 1500 x 200	YHD28S3015
4000 x 2000 x 200	YHD28D4020