



HACINT

HACINT INTELLIGENCE TECHNOLOGY CO., LTD

Address: No. 396, Bohai Road, Economic and Technological Development Zone, Hebi City, Henan Province, China

Zip code: 458030

Telephone: 0392-3357155/6/9

Email: houdenjing@hacint.com.cn

America Services

Phone: +86-16639269800

Tel: +86-0392-3228326

E-mail: wangxin@hacint.com.cn

Europe Services

Phone: +86-16639269816

Tel: +86-0392-3228326

E-mail: yangjilong@hacint.com.cn

Asia Services

Phone: +86-16639269815

Tel: +86-0392-3228326

E-mail: mafei@hacint.com.cn

Global service hotline **400-666-9765**



PRODUCT CATALOG



HACINT

HACINT INTELLIGENCE TECHNOLOGY CO., LTD

About us

With the mission of intelligent manufacturing, Hacint Intelligence Technology Co., Ltd. has been committed to becoming the trusted systematic solutions supplier for intelligent manufacturing since establishment in 1994. Hacint implements 3+2+X product strategy: crimping applicator series, harness equipment series, harness test series, software series, intelligent equipment series and equipment of other industry, which are widely used in automotive, appliances, 5G, 3C, medical and health care, electrical tool, Photovoltaic industry and semiconductor industry.

Company Mission: For intelligent manufacturing

Company Vision: To be the trusted systematic solutions supplier for intelligent manufacturing

Business Philosophy: Honest and trustworthy, harmony and win-win

R&D Philosophy: Focus on customer and foster new products

Quality Policy: Excellence, Exceeding customers' expectations

Service Philosophy: Sincere, thoughtful, efficient, professional



Dongguan Haihong : R&D center in South China



Kunshan Haihong : R&D center in East China



Henan Haihong : Software Service

Catalogue

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03 REPAIR TOOL 00-01

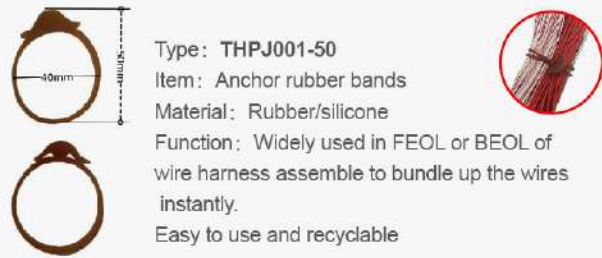
- Pin removal tool 00-01

04 PROTECTIVE APPLIANCE 00-01

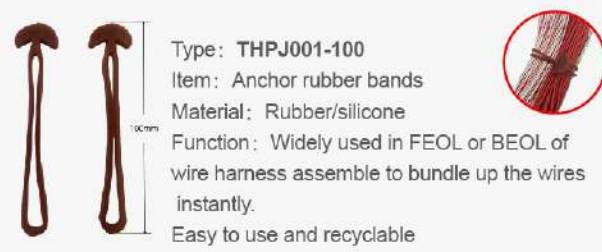
- Gloves for inserting terminals 00-01



► **FEOL** Anchor rubber bands

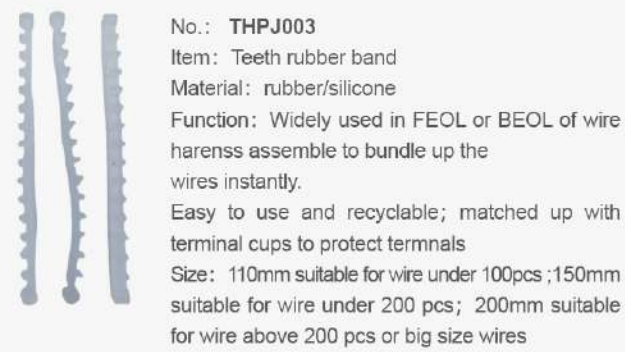


Type: THPJ001-50
 Item: Anchor rubber bands
 Material: Rubber/silicone
 Function: Widely used in FEOL or BEOL of wire harness assemble to bundle up the wires instantly.
 Easy to use and recyclable



Type: THPJ001-100
 Item: Anchor rubber bands
 Material: Rubber/silicone
 Function: Widely used in FEOL or BEOL of wire harness assemble to bundle up the wires instantly.
 Easy to use and recyclable

► **FEOL** Teeth rubber band



No.: THPJ003
 Item: Teeth rubber band
 Material: rubber/silicone
 Function: Widely used in FEOL or BEOL of wire harness assemble to bundle up the wires instantly.
 Easy to use and recyclable; matched up with terminal cups to protect terminals
 Size: 110mm suitable for wire under 100pcs; 150mm suitable for wire under 200 pcs; 200mm suitable for wire above 200 pcs or big size wires

► **FEOL** Bundle bar



No.: THBX001
 Item: Bundle bar
 Material: ABS/PP
 Function: Which matched up with teeth bands are widely used in FEOL or BEOL of wire harness assemble to bundle up the wires instantly.
 Durable recyclable and cost savings.

► **FEOL** Terminal cups



No.: THBHB001/002
 Item: Terminal cups 40mm/50mm
 Material: PP
 Function: To prevent terminals from damage or press during transportation.
 Type: 40mm/50mm
 Suitable for single bunch of wires under 40/50mm diameter

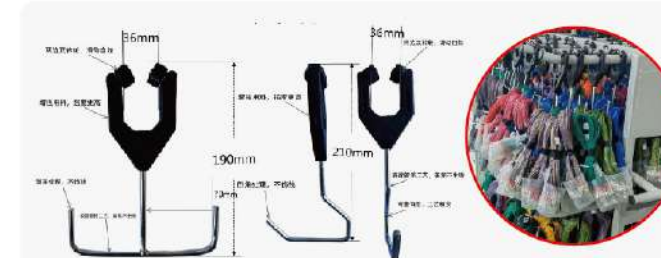


No.: THBHB003/004
 Item: Terminal cups 60mm/70mm
 Material: PP
 Function: To prevent terminals from damage or press during transportation.
 Type: 60mm/70mm
 Suitable for single bunch of wires under 60/70mm diameter



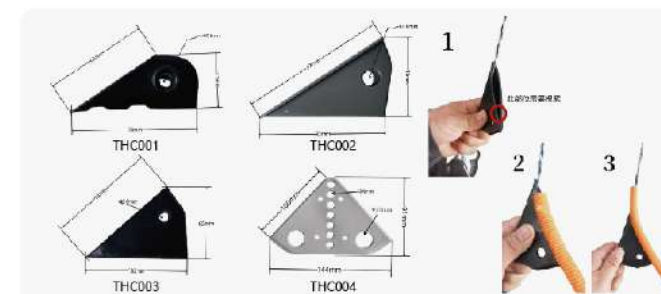
No.: THBHB005
 Item: Terminal cups 90mm
 Material: PP
 Function: To prevent terminals from damage or press during transportation.
 Type: 90mm
 Suitable for single bunch of wires under 90mm diameter

► **FEOL** Wire hook



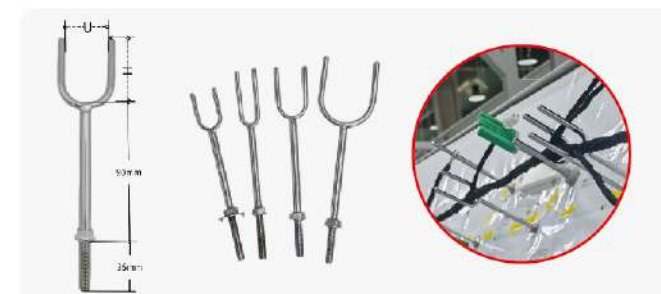
No.: THG001/002
 Item: Double wire hook/Single wire hook
 Material: GFPAG/iron with chrome plated
 Function: To make the wire harness well set neat and good looking.
 Working with turnover vehicles or wire frame –Easy to take and hang up.
 Safe convenient and durable .Capacity up to 50kg.

► **BEOL** Wire slider



No.: THC001/002/003/004
 Item: Wire slider
 Material: PA66/PP
 Function: Suitable for assemble of corrugated pipe and wire harness.
 To prevent the wire or wire skin from damage and is easy to operate .
 To improve work efficiency while assuring the quality of products.

► **BEOL** U fork fixture



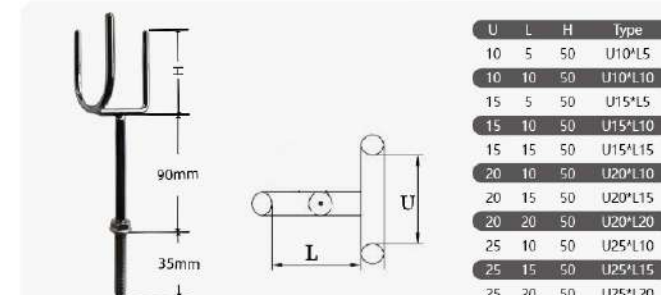
U	H	Type
3	50	U03-50
5	50	U05-50
10	50	U10-50
15	50	U15-50
20	50	U20-50
25	50	U25-50
30	50	U30-50
35	60	U35-60
40	60	U40-60
50	60	U50-60

No.: TH001
 Item: U fork fixture
 Material: Iron chrome plated and Stainless steel (Material and sizes could be customized)
 Function: To fix the wire harness on the assembly board



U	H	Type
3	50	U03-50
5	50	U05-50
10	50	U10-50
15	50	U15-50
20	50	U20-50
25	50	U25-50
30	50	U30-50
35	60	U35-60
40	60	U40-60
50	60	U50-60

No.: TH002
 Item: U fork fixture
 Material: Iron chrome plated /stainless steel (Material and sizes could be customized)
 Function: To fix wire harness on assembly board-easy to install without thrusting the board.

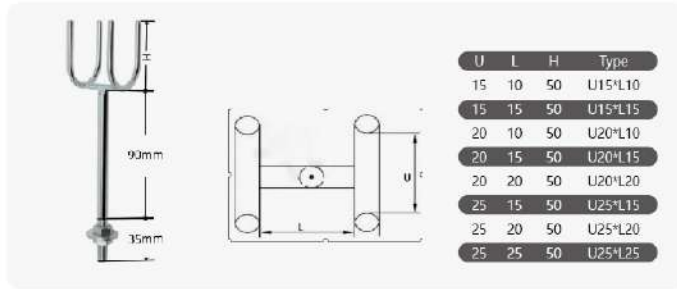


U	L	H	Type
10	5	50	U10*L15
10	10	50	U10*L10
15	5	50	U15*L5
15	10	50	U15*L10
15	15	50	U15*L15
20	10	50	U20*L10
20	15	50	U20*L15
20	20	50	U20*L20
25	10	50	U25*L10
25	15	50	U25*L15
25	20	50	U25*L20

U	L	H	Type
25	25	50	U25*L25
30	15	60	U30*L15
30	20	60	U30*L20
30	25	60	U30*L25
30	30	60	U30*L30
35	20	60	U35*L20
35	25	60	U35*L25
35	30	60	U35*L30
35	35	60	U35*L35
40	20	60	U40*L20
40	30	60	U40*L30
40	35	60	U40*L35

No.: TH003
 Item: U fork fixture
 Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
 Function: To fix and positioning wire harness.

► **BEOL U Fork fixture**



U	L	H	Type
15	10	50	U15*L10
15	15	50	U15*L15
20	10	50	U20*L10
20	15	50	U20*L15
20	20	50	U20*L20
25	15	50	U25*L15
25	20	50	U25*L20
25	25	50	U25*L25

No.: TH004
 Item: U fork fixture
 Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
 Function: To fix and positioning wire harness.

► **BEOL J fork fixture**



No.: TH005/006
 Item: J fork fixture
 Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
 Function: To fix and positioning wire harness.

► **BEOL Metal pin fixture**



No.: TH007
 Item: Metal pin fixture (2 pin/3pin/4pin)
 Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
 Function: Mainly used for the hanging of wire harness housing together with the rubber wheel used which could prevent the terminal from deforming efficiently.

► **BEOL 2 pin fixture**



No.: TH008
 Item: 2 pin fixture
 Material: POM+SS (Color could be customized)
 Function: Mainly used for the hanging of wire harness housing together with the rubber wheel used which could prevent the terminal from deforming efficiently.

► **BEOL 3 pin fixture**



No.: TH009
 Item: 3 pin fixture
 Material: POM+SS (Color could be customized)
 Function: Mainly used for the hanging of wire harness housing together with the rubber wheel used which could prevent the terminal from deforming efficiently.

► **BEOL 4 pin fixture**



No.: TH010
 Item: 4 pin fixture
 Material: POM+SS (Color could be customized)
 Function: Mainly used for the hanging of wire harness housing together with the rubber wheel used which could prevent the terminal from deforming efficiently.

► **BEOL Soft stand fixture**

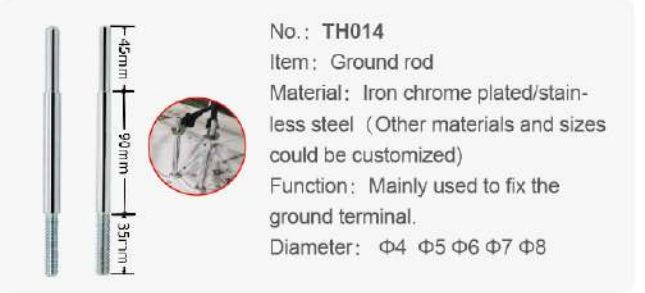


No.: TH011
 Item: Soft stand fixture
 Material: PA66+PVC (Color could be customized)
 Function: Mainly used for hanging the wire harness housing with soft clamp to prevent the terminal from getting deformed.

► **BEOL L type fixture/P type fixture**



No.: TH012/013
 Item: L fixture/P fixture
 Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
 Function: To fix the wire harness on the assembly board

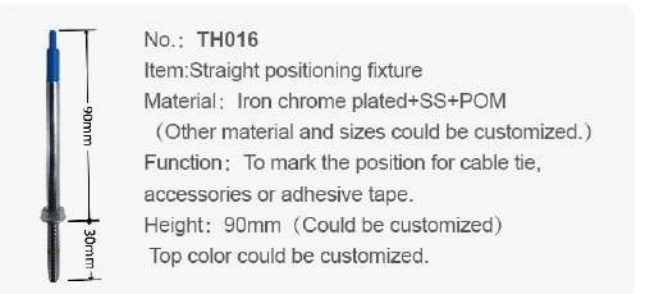


No.: TH014
 Item: Ground rod
 Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
 Function: Mainly used to fix the ground terminal.
 Diameter: Φ4 Φ5 Φ6 Φ7 Φ8

► **BEOL Positioning fixture**



No.: TH015
 Item: Spring positioning fixture
 Material: Iron chrome plated+SS+POM (Other material and sizes could be customized.)
 Function: To mark the position for cable tie, accessories or adhesive tape.
 Height: 84mm/90mm. Top color could be customized.



No.: TH016
 Item: Straight positioning fixture
 Material: Iron chrome plated+SS+POM (Other material and sizes could be customized.)
 Function: To mark the position for cable tie, accessories or adhesive tape.
 Height: 90mm (Could be customized)
 Top color could be customized.

► **BEOL Rod fixture**



No.: TH017
 Item: Injection rod fixture
 Material: Iron chrome plated+POM
 Function: Head type could be replaced; Inner screw could be optional: M6 or 1/4-20
 Height: 88mm



No.: TH018
 Item: Metal rod fixture
 Material: Iron chrome plated
 Function: Head type could be replaced; Inner screw could be optional: M6 or 1/4-20
 Height: 30mm/40mm/50mm/60mm/70mm/80mm/90mm/100mm/110mm/120mm/130mm

► **BEOL** Bending fixture

No.: TH019
Item: Injection foldable fixture (90°)
Material: Iron chrome plated+POM
Function: Head part could be replaced.
Type: 50mm 70mm 90mm

No.: TH020
Item: Metal foldable fixture (90°)
Material: Iron chrome plated
Function: Head part could be replaced.
Inner screw could be M6 or 1/4-20.
Height: 30mm/40mm/50mm/60mm/70mm/80mm/90mm/100mm/110mm/120mm/130mm

► **BEOL** Magnetic fixture

Model	D	d	M	h	H	Weight(g)	Pull-out(kg)
HND10	10	6	M3	5	12.6	4	1.5
HND12	12	6	M3	5	12.6	5	2
HND16	16	6.5	M4	5	13.5	9	8
HND20	20	6.5	M4	7	15	17	12
HND25	25	7.5	M5	8	17	28	25
HND32	32	10	M6	8	18	45	34
HND36	36	10	M6	8	18.5	55	50
HND40	40	10	M6	8.8	18.8	75	65

Model	D	d	M	h	H	Weight(g)	Weight(g)
HND42	42	10	M6	11	18.8	84	72
HND48	48	12	M8	12	24	130	81
HND55	55	12	M8	15	28	211	95
HND60	60	12	M8	17	28	263	160
HND70	70	17	M10	18	34	481	200
HND75	75	17	M10	18	35	515	270
HND80	80	17	M10	18	35	694	300
HND90	90	17	M10	18	35	854	360
HND120	120	22	M12	18	40	1440	480

► **BEOL** Elastic fixture

No.: TH021
Item: Elastic fixture.
Material: Iron chrome plated+SS
Function: Head part could be replaced.
Type: 130mm 140mm 150mm 175mm 195mm

No.: TH022
Item: Square Rod fixture
Material: Iron chrome plated
Function: Working with tooling module to move module horizontally.
Type: Customized.

► **BEOL** Module holding fixture

No.: TH023
Item: Module holding fixture
Material: Iron zinc plated/chrome plated/SS
Function: Mainly used for holding the tooling module.

No.: TH024
Item: Screw rod
Material: Iron zinc plated/chrome plated/SS
Function: Mainly used for holding the tooling module. Type: Customized.

► **BEOL** Head fixture

No.: TH025
Item: U Head fixture
Material: Iron chrome plated/SS
Function: Mainly used for fixing holding or positioning the harness on board. Assorted with rod fixture ,foldable fixture and elastic fixtures to use.
Type: U:5mm-60mm H:50mm 60mm 70mm

No.: TH028
Item: Flat 3 way head fixture.
Material: Iron chrome plated/SS
Function: Mainly used for fixing holding or positioning the harness on board. Assorted with rod fixture ,foldable fixture and elastic fixtures to use
Type: Customized.

U	L	H	Type
10	5	50	U10*L5
10	10	50	U10*L10
15	5	50	U15*L5
15	10	50	U15*L10
15	15	50	U15*L15
20	10	50	U20*L10
20	15	50	U20*L15
20	20	50	U20*L20
25	10	50	U25*L10
25	15	50	U25*L15
25	20	50	U25*L20

No.: TH026
Item: U fork fixture
Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
Function: To fix and positioning wire harness.

U	L	H	Type
25	25	50	U25*L25
30	15	60	U30*L15
30	20	60	U30*L20
30	25	60	U30*L25
30	30	60	U30*L30
35	20	60	U35*L20
35	25	60	U35*L25
35	30	60	U35*L30
35	35	60	U35*L35
40	20	60	U40*L20
40	30	60	U40*L30
40	35	60	U40*L35

U	L	H	Type
15	10	50	U15*L10
15	15	50	U15*L15
20	10	50	U20*L10
20	15	50	U20*L15
20	20	50	U20*L20
25	15	50	U25*L15
25	20	50	U25*L20
25	25	50	U25*L25

No.: TH027
Item: U fork fixture
Material: Iron chrome plated/stainless steel (Other materials and sizes could be customized)
Function: To fix and positioning wire harness.

U	L	H	Type
30	20	60	U30*L20
30	25	60	U30*L25
30	30	60	U30*L30
35	25	60	U35*L25
35	30	60	U35*L30
35	35	60	U35*L35
40	30	60	U40*L30
40	35	60	U40*L35
40	40	60	U40*L40

No.: TH029
Item: Flat 4 way head fixture
Material: Iron chrome plated/SS
Function: Mainly used for fixing holding or positioning the harness on board. Assorted with rod fixture ,foldable fixture and elastic fixtures to use .
Type: Customized.

No.: TH030
Item: 2 way head fixture
Material: Iron chrome plated/SS
Function: Mainly used for hanging of harness housing assorted with rubber wheel to avoid any mess or deforming of terminals.

No.: TH031
Item: 3 way head fixture
Material: Iron chrome plated/SS
Function: Mainly used for hanging of harness housing assorted with rubber wheel to avoid any mess or deforming of terminals; Matched with rod foldable elastic fixtures to use.

No.: TH032
Item: Bending head fixture
Material: Iron chrome plated/SS
Function: Mainly used for hanging of harness housing assorted with rubber wheel to avoid any mess or deforming of terminals; Matched with rod foldable elastic fixtures to use.

No.: TH033
Item: Soft head fixture(hole)
Material: POM+silicone
Function: To make wire tidy;assorted with rod foldable and elastic fixtures to use.
Type: U10 U18

No.: TH034
Item: Soft head fixture
Material: PA66+PVC
Function: To make wire tidy;assorted with rod foldable and elastic fixtures to use.

► **BEOL** Wire clamp



No.: TH035
Item: Wire clamp
Material: Iron zinc plated/SS+POM
Function: Mainly used for holding fixing the wire harness;assorted with rod fixture,foldable fixture and elastic fixtures to use.
Type: U15 U20 U30 U40 U50



No.: TH036
Item: Wire clamp
Material: PA66/POM
Function: Mainly used for holding fixing the wire harness;assorted with rod fixture,foldable fixture and elastic fixtures to use
Type: U20 U25 U30

► **BEOL** Wire clamp



No.: TH037
Item: White wire clamp
Material: PA66
Function:To make wire tidy, assorted with U fork fixture.



No.: TH038
Item: 2 pin fixture
Material: Iron chrome plated+PA66
Function: Mainly assembled on side of the wire module,assorted with rubber wheel to use

► **BEOL** Wire clamp

高弹性橡皮轮



No.: TH039
Item: Rubber wheel
Material: TPE
Function: To make wire tidy, assorted with pins fixture to use.



No.: TH040
Item: Wire clamp
Material: Iron zinc plated/ss+POM
Function: Mainly used for holding fixing the wire.Assorted with rod fixture,foldable fixture and elastic fixture to use.
Type: U15

► **BEOL** Board fixture



No.: TH041
Item: U board fixture
Material: Iron chrome plated/SS
Function: Mainly used in inspection boards to form positioning and bending for wire harness.
Type: U5-U60



No.: TH042
Item: 3 way board fixture
Material: Iron chrome plated/SS
Function: Mainly used in inspection boards to form positioning and bending for wire harness.

► **BEOL** Accessories fixture



No.: TH045
Item: LA head
Material: Iron chrome plated/ss
Function: Hanging for wire harness terminal.
Type:Ø4/5/6/8



No.: TH046
Item: SS pin
Material:Iron chrome plated/SS
Function: Part of pin fixture



No.: TH047
Item: Iron frame
Material: Iron chrome plated/SS
Function: Part of the wire hook.



No.: TH048
Item: Hook frame
Material: Iron chrome plated/SS
Function: Part of the wire hook.

► **BEOL** Accessories fixture

No.: TH049
Item: Wire rack
Material: Aluminium profile+PP
Function:To make wire tidy and uniform.



No.: TH050
Item: Ring cutter
Material: PP
Function: Replaced scissors to cut adhesive tape in case of damage wire harness or avoid tape peeling off due to the touches between finger and tapes.
Type: Big size Small size

► **BEOL** Accessories fixture



No.: TH051
Item: Blue wire clamp
Material: PP
Function: To make wire uniform and tidy.
Type: 40mm 58mm



No.: TH052
Item: Wire seperator
Material: PP
Function: To separate the wire deviding different harness;Used for 28mm lean tube or ss tube.



No.: TH053
Item: Wire seperator
Material: PP
Function: To separate the wire deviding different harness;Used for 28mm lean tube or ss tube.



No.: TH054
Item: Square buckle
Material: POM
Function: Mainly installed in tooling module,conducting module to lock the housing termians.Spring inserted could unlock instantly.



No.: TH055
Item: Wrench buckle
Material: POM
Function: Mainly installed in tooling module,conducting module to lock the housing termians.Spring inserted could unlock instantly.
Type: Left Right



No.: TH056
Item: Conducting board Plate
Material: Iron zinc plated/ss+POM
Function: To fill in the conducting board
Type: 50mm*100mm 100mm*100mm

▶ **BEOL** Module



Fuse box module

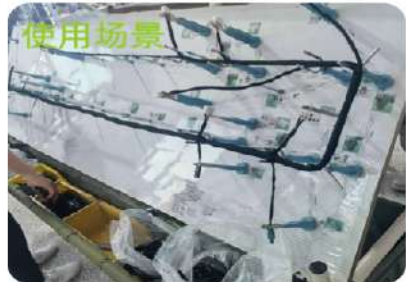
Tape wrap module

Anti-bend module for female terminal

▶ **BEOL** Assembly board



1:1 图纸粘贴

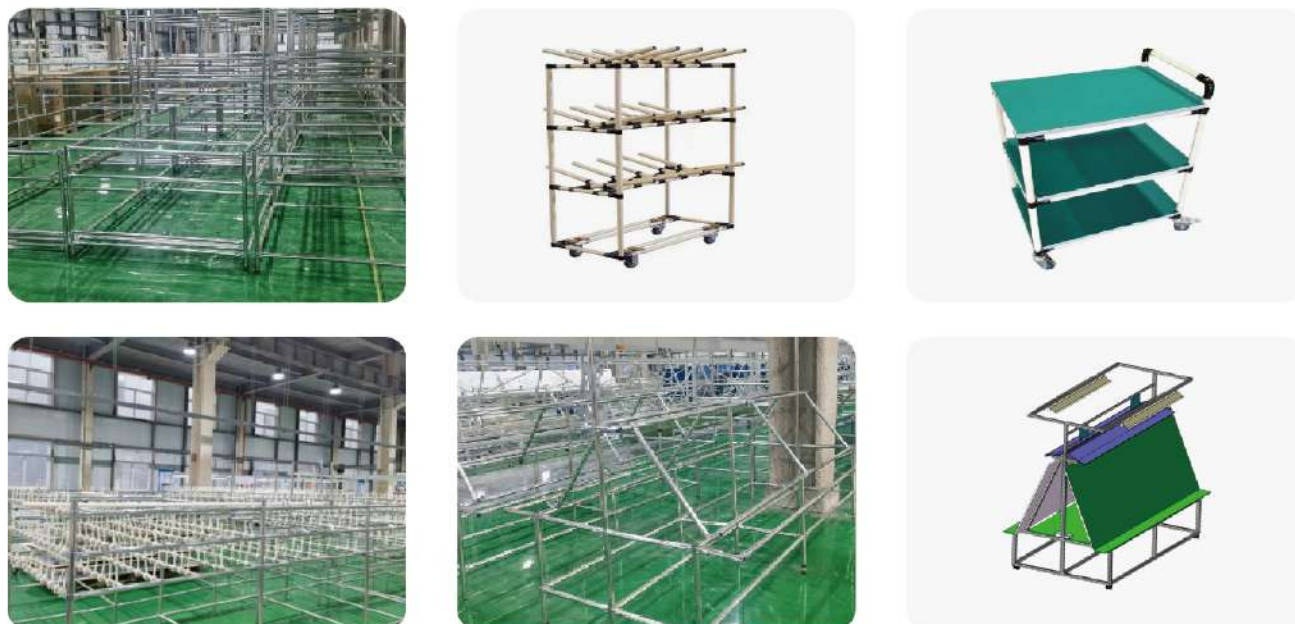


使用场景



Optimize your working efficiency with professional assembly board

▶ **BEOL** Tooling shelf



To provide Ergonomic tooling shelf for wire harness manufactures

▶ **Rpair tools** (Pin removal tool)



It is instant ,convenient and high efficient to remove the terminals in dislocation damaged out of the wire harness with the right professional removal tool

▶ **Protective appliance** Gloves(For inserting terminal)



To protect our hands from getting harm caused by the raw material like lubricant adhering on wire harness and avoid poor connect caused by the sweats on terminal wire or housing without gloves

