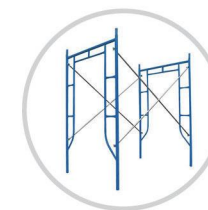




天津美材进出口贸易有限公司
TIANJIN MEICAI METAL TRADING CO., LTD.
TIANJIN HANYUAN MACHINERY CO., LTD.



**ONE STOP PURCHASING OF SCAFFOLDING
AND BUILDING MATERIALS**

TIANJIN MEICAI METAL TRADING CO.,LTD.
TIANJIN HANYUAN MACHINERY CO.,LTD.

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COMPANY INTRODUCTION

Tianjin Meicai Metal Trading Co. Ltd was found in 2006, located in Beichen District, Tianjin, China. We focus on Scaffolding and Building materials for almost 20years, it include Ringlock Scaffolding System, Frame Scaffolding System, Scaffolding Plank, Adjustable Steel props, Scaffolding Coupler and Formwork Accessories. All the products are widely used in Bridge Engineering, Construction Engineering and so on. We realized a new leap in product quality and business management during our insistent efforts.

After years of development, now our factory have built a complete and strict quality control system from raw material, production procedure, final inspection before the shipment. And also, our professional sales team can provide you the best solution and service.

Our company products are widely exported to the South-east Asia, the Middle East, the North/South America, and Africa markets for years.

We sincerely hope to cooperate with friend in every field both at home and abroad. We will keep our promise and faith, and try our best to realize mutual benefit and get more progress.

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RINGLOCK SCAFFOLDING SYSTEM

48 SYSTEM STANDARD

Material	Length	Surface Treatment	Standard	Picture
Q235/Q355 48.3X3.2mm	500mm	Hot dipped galvanized	EN12811	
	1000mm			
	1500mm			
	2000mm			
	2500mm			
	3000mm			
	4000mm			

60 SYSTEM STANDARD

Material	Length	Surface Treatment	Standard	Picture
Q235/Q355 60X3.2mm	500mm	Hot dipped galvanized	EN12811	
	1000mm			
	1500mm			
	2000mm			
	2500mm			
	3000mm			

LEDGER

Sizes popular in European market

Material	Length	Surface Treatment	Standard	Picture
Q235/Q355 48.3X3.2mm	390mm	Hot dipped galvanized	EN12811	
	500mm			
	732mm			
	1088mm			
	1286mm			
	1400mm			
	1572mm			
	2072mm			
	2572mm			
	3072mm			

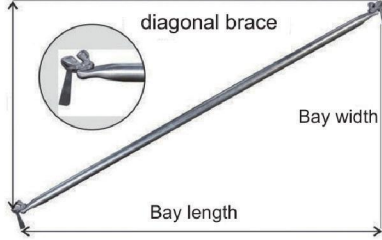
Sizes popular in South East Asia and Africa market

Material	Length	Surface Treatment	Standard	Picture
Q235 48.3X3.2mm	600mm	Hot dipped galvanized	EN12811	
	900mm			
	1200mm			
	1500mm			
	1800mm			
	2100mm			
	2400mm			

Sizes popular in Singapore market

Material	Length	Surface Treatment	Standard	Picture
Q235/Q355 48.3X3.2mm	630mm	Hot dipped galvanized	EN12811	
	650mm			
	732mm			
	914mm			
	1150mm			
	1219mm			
	1524mm			
	1829mm			
	2440mm			

DIAGONAL BRACE / BAY BRACE

Material	Length (Length X Width)	Surface Treatment	Standard	Picture
Q235/Q195 48.3X2.75mm	600X1500/2000mm	Hot dipped galvanized	EN12811	
	900X1500/2000mm			
	1200X1500/2000mm			
	1500X1500/2000mm			
	1800X1500/2000mm			
	2100X1500/2000mm			
	2400X1500/2000mm			
	2700X1500/2000mm			
	3000X1500/2000mm			

BASE COLLAR

Material	Length	Surface Treatment	Standard	Picture
Q235 48.3X3.2mm	200mm	Hot dipped galvanized	EN12811	
	240mm			
	300mm			

SIDE BRACKET/BOARD BRACKET

Material	Length	Surface Treatment	Weight	Picture
Q235 48.3X3mm	650mm	Hot dipped galvanized	6.61kg	
	880mm		8.62kg	

RINGLOCK ACCESSORIES



Rosette



Adjustable Nut



Connector



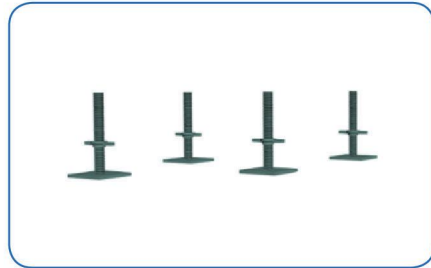
Diagonal brace end



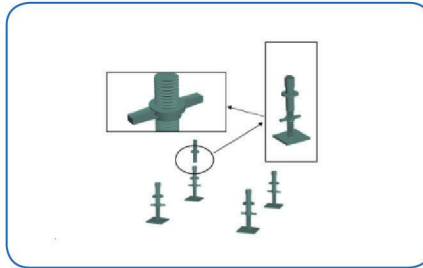
Ledger Head

RINGLOCK SYSTEM ASSEMBLING

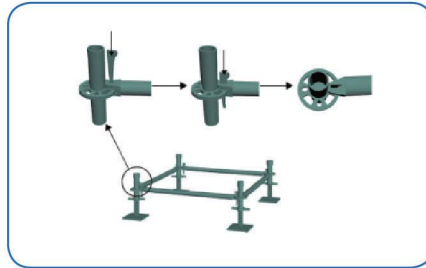
1.Adjustable Jack Base



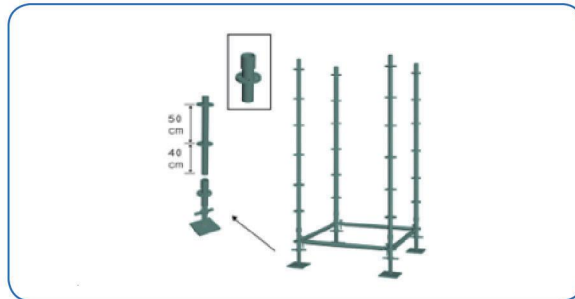
2. Base Collar



3. Ledger(First Storey)



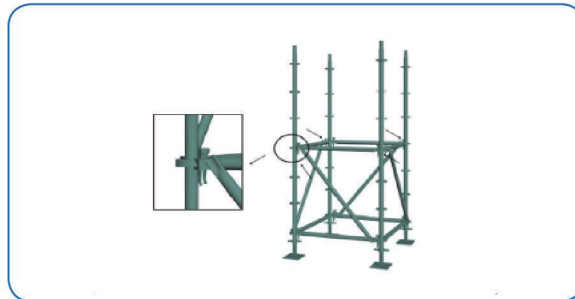
4.Standard(without spigot)



5.Ledger(Second Storey)



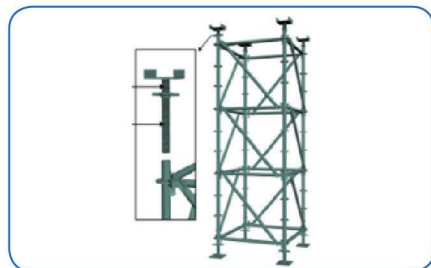
6.Diagonal Brace(First Storey)



7.Standard(with spigot)



8. Ledger(Third Storey)



9.Diagonal Brace(Second Storey)



10.U head Jack Base



FRAME SCAFFOLDING SYSTEM

Main frame

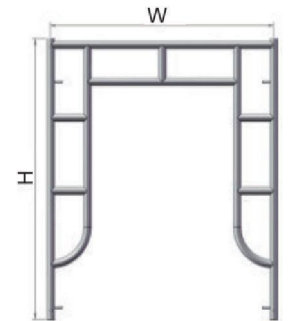
Material: Q235,Q195

Surface treatment: Pre-galvanized or painted

Outer tube: 42*2mm Inner tube: 25*1.5mm

Walk through frame / H frame

Width	Height	Weight
1219mm	1930mm	14.3kg
1219mm	1700mm	12.8kg
1219mm	1524mm	11.4kg
914mm	1930mm	13.4kg
914mm	1700mm	12.3kg



Mason frame/ ladder frame

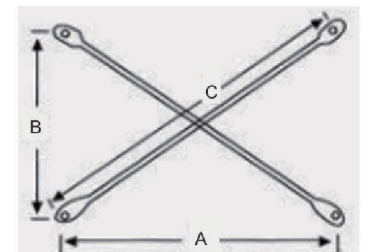
Width	Height	Weight
1219mm	1930mm	15.2kg
1219mm	1700mm	13.5kg
1219mm	1524mm	10.82kg
1219mm	914mm	8.7kg
914mm	1524mm	10.9kg



Cross brace

Diameter : 22 mm Wall thickness : 0.8mm/1mm, or customized by customer Material : Q195

A	B	C
1219mm	1524mm	1952mm
1219mm	1219mm	1724mm
1219mm	1829mm	2198mm
914mm	1219mm	1524mm
914mm	1829mm	2045mm
610mm	1219mm	1363mm
1524mm	914mm	1777mm
1829mm	610mm	1928mm



Stair case

Width	Length	Height	Weight
450*2677mm	1829mm	1955mm	25.55kg
450*2370mm	1500mm	2000mm	23.31kg
1000*2690.7mm	1800mm	2000mm	52.02kg
1000*2828mm	2000mm	2000mm	52.59kg



American frame

Material: Q235,Q195

Surface treatment: Pre-galvanized or painted

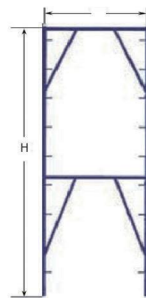
Walk thru frame

Width	Height	Weight
1524mm	1930.4mm	21.45kg
914.4mm	1930.4mm	18.73kg
1524mm	2006.6mm	22.84kg
914.4mm	2006.6mm	18.31kg
1066.8mm	1930.4mm	19.18kg



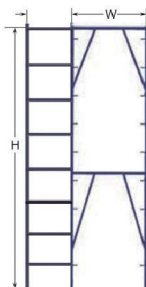
Walk thru- Apartment frame (OD: 1.625")

Width	Height	Weight
914.4mm	2641.6mm	21.34kg
914.4mm	3251.2mm	25.22kg
914.4mm	3556mm	26.51kg



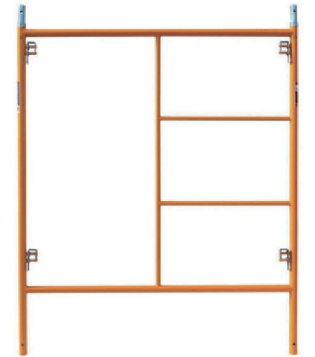
Walk thru - Apartment frame with 18" ladder (OD: 1.625 ")

Width	Height	Weight
914.4mm	2641.6mm	21.34kg
914.4mm	3251.2mm	37.07kg
914.4mm	3556mm	40kg



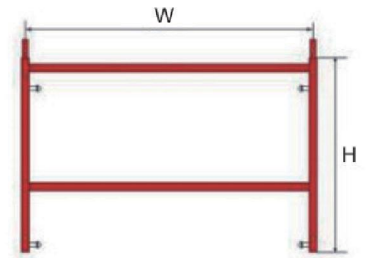
Mason frame(OD : 1.69")

Width	Height	Weight
1524mm	1930.4mm	20.43kg
1524mm	1524mm	16.87kg
1524mm	1219.2mm	15.30kg
1524mm	914.4mm	12.53kg
1524mm	609.6mm	11.31kg



Box frame

Width	Height	Weight
1524mm	508mm	10.41kg
914.4mm	508mm	7.70kg
1524mm	1016mm	12.91kg
914.4mm	1016mm	10.71kgkg



Double box frame

Width	Height	Weight
1524mm	2032mm	24.47kg
1524mm	1524mm	19.40kg



Narrow frame/ ladder frame (OD : 1.69")

Width	Height	Weight
914.4mm	1930.4mm	16.00kg
914.4mm	1524mm	14.41kg
914.4mm	914.4mm	10.15kg
609.6mm	1524mm	11.67kg
609.6mm	914.4mm	7.81kg

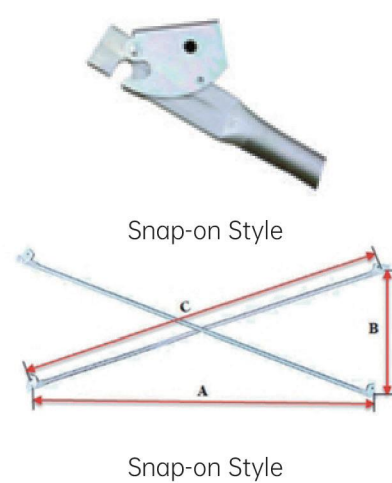
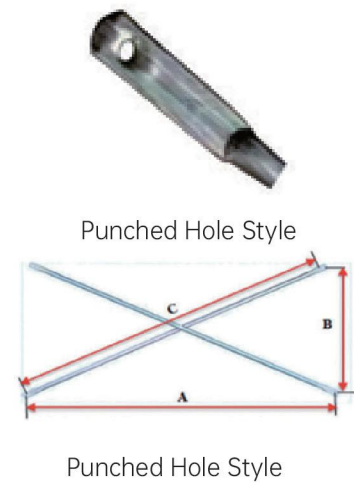


Snap on Cross Braces

A	B	C	Weight
1524mm	812.8mm	1727.2mm	4.36kg
1524mm	1219.2mm	1955.8mm	4.50kg
2133.6mm	812.8mm	2159mm	5.60kg
2133.6mm	1219.2mm	2463.8mm	5.70kg
3048mm	812.8mm	3149.6mm	7.50kg
3048mm	1219.2mm	3276.6mm	7.81kg

Punch hole Cross Braces

A	B	C	Weight
1524mm	1219.2mm	1951.74mm	4.75kg
1524mm	914.4mm	1777.24mm	4.04kg
2133.6mm	1219.2mm	2457.45mm	5.82kg
2133.6mm	914.4mm	2321.31mm	5.63kg
3048mm	1219.2mm	3282.7mm	7.85kg
3048mm	914.4mm	3182.1mm	7.63kg



Punch hole Guard Rail

Length	Tube OD	Weight
3048mm	25.4mm	4.84kg
2133.6mm	25.4mm	3.27kg
1828.8mm	25.4mm	2.2kg
1524mm	25.4mm	1.85kg
1219.2mm	25.4mm	1.50kg
914.4mm	25.4mm	1.15kg



Snap on Guard Rail

Length	Tube OD	Weight
3048mm	31.75mm	4.5kg
2133.6mm	31.75mm	3.8kg
1524mm	31.75mm	2.9kg
914.4mm	31.75mm	2.0kg



Guard Rail Post



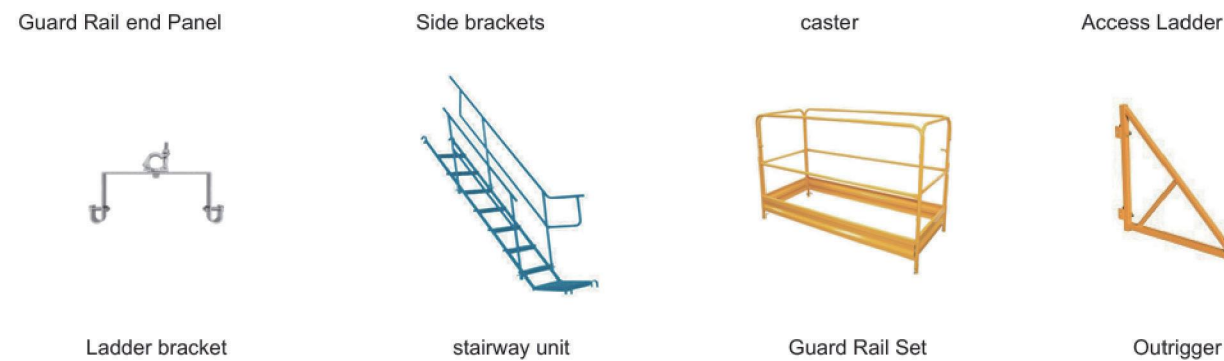
Description	Length	Tube OD	Weight
Snap-on Guard Rail Post with Tail	1320.8mm	41.275mm	3.5kg
Guard Rail Post with Tail, Flip Lock	1320.8mm	42.926mm	3.5kg
Guard Rail Line Post Female, Flip Lock	1143mm	41.275mm	2.82kg
Guard Rail Post Female, Flip Lock	1143mm	41.275mm	2.95kg
Guard Rail Post Female, Flip Lock	1073.15mm	42.926mm	2.81kg
Guard Rail Post with Tail, with W Lock	1422.4mm	41.275mm	3.92kg
Guard Rail Post Female, with W Lock	1117.6mm	42.926mm	3.5kg

Frame scaffolding accessories

Lock Options



Lock Pins



Multi functional scaffold / baker scaffold

plywood scaffold plank

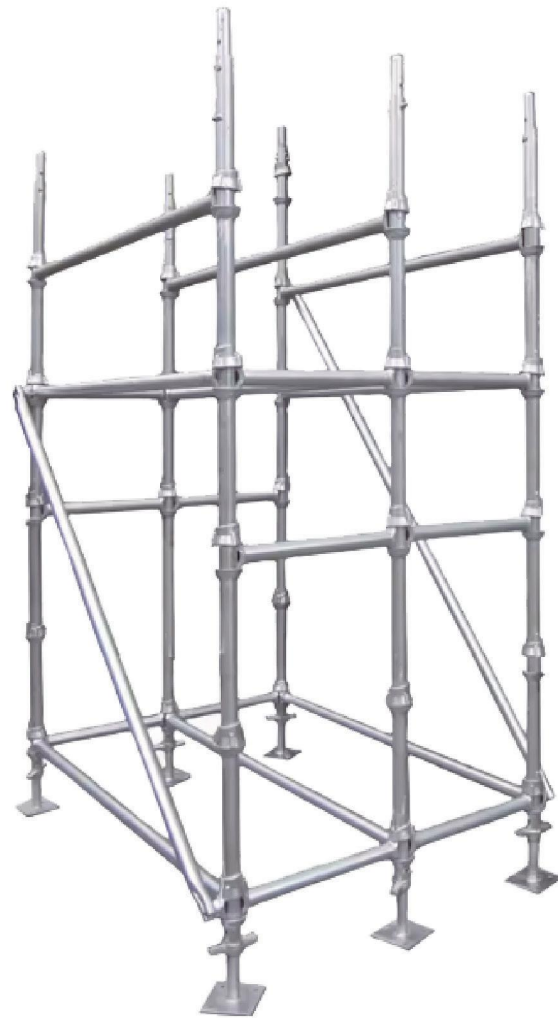
aluminum board

CUPLOCK SCAFFOLDING SYSTEM

Standard:BS12811-2003

Surface treatment: Painted or Hot dipped galvanized

Product	Material	Size	Length	Picture
Standard/Vertical	Q235/Q355	48.3*3.2mm	1m	
			1.3m	
			1.5m	
			1.8m	
			2m	
			2.3m	
			2.5m	
			2.8m	
Ledger	Q235	48.3*3.2mm	3m	
			0.9m	
			1m	
			1.2m	
			1.3m	
			1.5m	
			1.8m	
			2m	
Diagonal Brace	Q235	48.3*3.2mm	2.5m	
			1.8*1.5m	
			1.8*2.0m	
			2.5*1.5m	
			2.5*2.0m	
Transom	Q235	48.3*3.2mm	3.0*2.0m	
			0.8m	
			1.3m	
			1.8m	



Cuplock scaffolding accessories



Double ledger



Board bracket



spigot connector



top cup

Material : Ductile casted iron
Weight : 0.43-0.45kg
Finsh : HDG, nature



bottom cup

Material : Q235 steel Pressed Carbon
Weight : 0.2kg
Finsh : HDG, nature



Ledger blade

Material : #35Drop Forged
Weight : 0.2-0.25kg
Finsh : HDG, nature

SCAFFOLDING PLANK

Material:Q195&Q235 steel strip

Surface treatment: Pre-galvanized or Hot dipped galvanized

Standard: EN12811-1:2003, EN1004:2004,AS/NZS1577:2013

Steel plank/board/platform

Size	Length	Surface treatment	Picture
210*45*1.2mm	1000/2000/3000/4000mm	Pre-galvanized or Hot dipped galvanized	
240*45*1.2mm			
250*50*1.2mm			
250*40*1.2mm			
230*63*1.8mm	540mm		
	740mm		
	1030mm		
	1250mm		
	1810mm		
	2420mm		
	3070mm		
225*38*1.5/1.8/2.0mm	500mm		
	1000mm		
	1500mm		
	2000mm		
	2500mm		
	3000mm		
	4000mm		

Catwalk

Size	Length	Surface treatment	Picture
300*50*1.5mm	600/900/1200/1500/ 1800/1829/2000mm	Pre-galvanized or Hot dipped galvanized	
420*45*1.2mm			
450*45*1.2mm			
480*45*1.2mm			
500*50*1.2mm			

ADJUSTABLE STEEL PROP/SHORING POST

Material: Q235 Steel Pipe Standard: EN1065:1998

Finish: Electro-galvanized, Pre-galvanized, Hot dipped galvanized, Painted, Powder-coated

Light duty prop-Spanish Prop (Wall Thickness: 1.4-2.5mm)

Min. Height	Max. Height	Inner Tube	Outer Tube
0.6m	1.1m	40mm	48mm
0.8m	1.4m	40mm	48mm
1.6m	3m	40mm	48mm
1.8m	3.2m	40mm	48mm
2.0m	3.6m	40mm	48mm
2.2m	4.0m	40mm	48mm



Light duty prop-Italian Prop (Wall Thickness: 1.4-2.75mm)

Min. Height	Max. Height	Inner Tube	Outer Tube
1.6m	2.9m	48mm	56mm
1.8m	3.2m	48mm	56mm
2.0m	3.5m	48mm	56mm
2.0m	3.6m	48mm	56mm
2.2m	4.0m	48mm	56mm



Heavy duty prop-Middle East Prop (Wall Thickness: 1.4-4mm)

Min. Height	Max. Height	Inner Tube	Outer Tube
1.6m	2.9m	48mm	60mm
1.8m	3.2m	48mm	60mm
2.0m	3.5m	48mm	60mm
2.0m	3.6m	48mm	60mm
2.2m	4.0m	48mm	60mm
3.0m	5.0m	48mm	60mm
3.5m	6.0m	48mm	60mm



Push-Pull Prop/Triangle prop (Wall Thickness: 1.4-4mm)

Min. Height	Max. Height	Inner Tube	Outer Tube
1.6m	2.9m	48mm	60mm
1.8m	3.2m	48mm	60mm
2.0m	3.6m	48mm	60mm
2.2m	4.1m	48mm	60mm
3m	5m	48mm	60mm



ACCESSORIES



Tripod
10kg



Sleeve
1.06kg



Sleeve
0.11kg



Square & Flower Plate
120x120x4



Casting Prop Nut
0.53kg



Casting Prop Nut
0.55kg



Casting Prop Nut
0.75kg



Fork Head
2.3kg



Cup Nut
0.95kg/0.79kg



Cup Nut
1.03kg



Prop Pin
Φ12



Prop Pin
Φ12



Prop Pin
Φ12

ADJUSTABLE JACK BASE AND U HEAD

Material:Q235 Steel/20# Steel Standard:EN74-1;AS/NZS1576.2:2009

Finish: Electro-galvanized, Hot dipped galvanized

Jack Base

Type	Specification	Base Plate Size
Solid	30*400mm	120*120*4mm
Solid	30*600mm	120*120*4mm
Solid	32*400mm	120*120*4mm
Solid	32*600mm	120*120*4mm
Solid	34*400mm	120*120*4mm
Solid	34*600mm	150*150*5mm
Hollow	38*4*600mm	150*150*5mm
Hollow	38*4*660mm	150*150*5mm
Hollow	38*4*760mm	150*150*5mm
Hollow	48*4*600mm	150*150*5mm
Hollow	48*4*900mm	150*150*5mm



U head

Type	Specification	U Base Plate Size
Solid	30*400mm	150*150*50*4mm
Solid	30*600mm	150*120*50*4mm
Solid	32*400mm	120*120*50*4mm
Solid	32*600mm	150*120*50*4mm
Solid	34*400mm	120*120*50*4mm
Solid	34*600mm	150*120*50*4mm
Hollow	38*4*600mm	150*150*50*5mm
Hollow	38*4*660mm	180*150*80*6mm
Hollow	38*4*760mm	165*150*50*5mm
Hollow	48*4*600mm	150*150*50*8mm
Hollow	48*4*900mm	200*200*50*8mm



Jack Nut: Casted or forged Finish:Original,Electro Galvanized,HDG
Diameter:30/32/34/38/48mm



SCAFFOLDING COUPLER

Material:Q235,Q355 Standard:EN74,BS1139

Finish: Electro-galvanized, Hot dipped galvanized



British Type Double Coupler
48.3mm 0.97kg



British Type Swivel Coupler
48.3mm 1.12kg



British Type Pressed Double Coupler
48.3mm 0.98kg



British Type Pressed Swivel Coupler
48.3mm 0.98kg



Japanese Type Double Coupler
48.6mm 0.65kg



Japanese Type Swivel Coupler
48.6mm 0.65kg



German Type Double Coupler
48.3mm 1.2kg



German Type Swivel Coupler
48.3mm 1.4kg



Fixed Girder Coupler
48.3mm 1.46kg



Swivel Girder Coupler
48.3mm 1.5kg



Board Retaining Coupler
48.3mm 0.6kg



Forged Putlog Coupler
48.3mm 0.65kg



Round Ring Coupler
48.3mm 1.2kg



Sleeve Coupler
48.3mm 1.0kg



Pressed Inner Joint Pin
48.3mm 0.68kg



casting Joint Pin Coupler
48.3mm 1.0kg



Casting Double Coupler
48.3mm 1.0kg



Casting Swivel Coupler
48.3mm 1.0kg

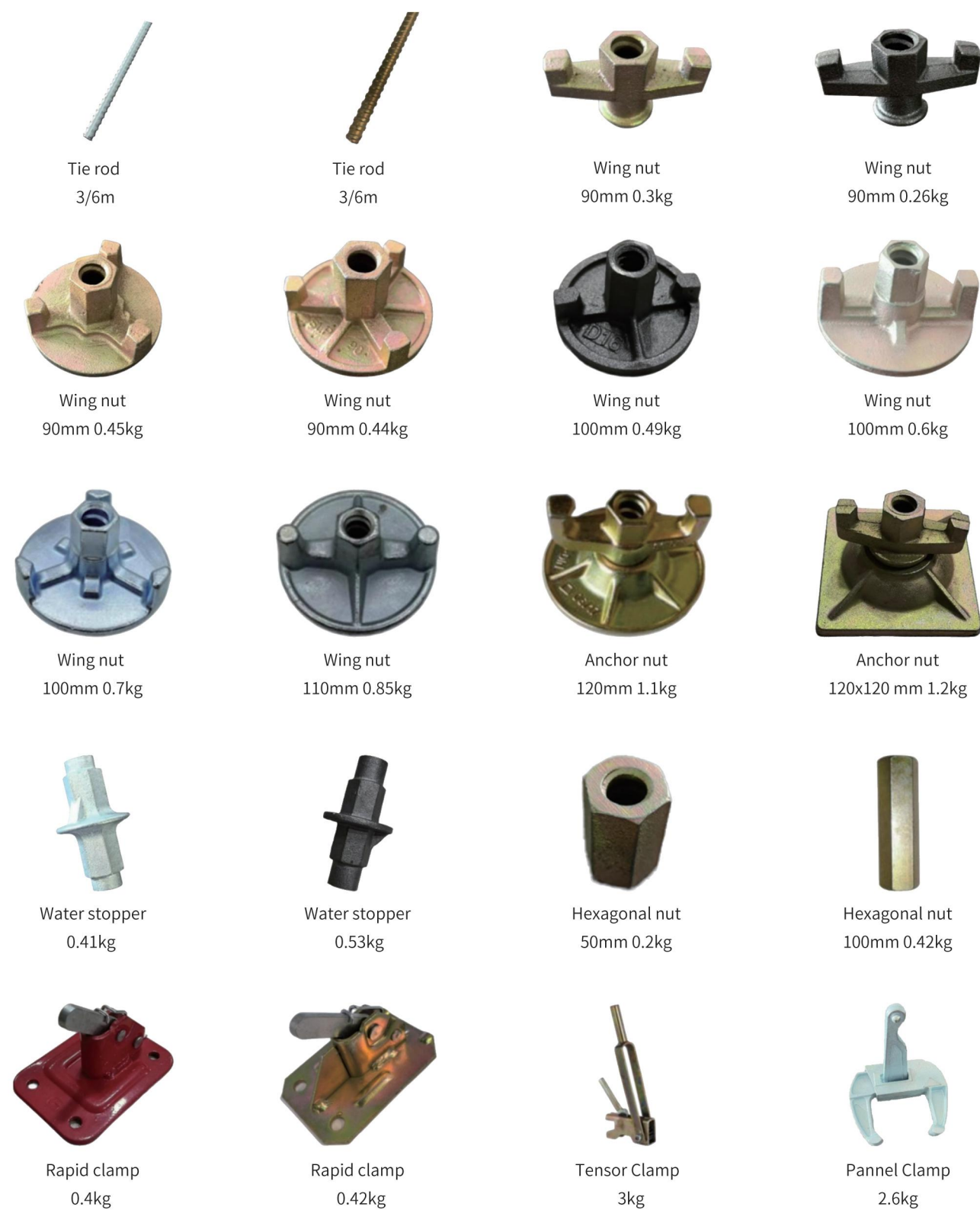


Pressed Limpet Coupler
48.3mm 0.5kg



Beam Coupler
0.51kg

FORMWORK ACCESSORIES



PACKING AND LOADING

