

METAL COMPONENTS

Galvanized wire buckles

Zinc-coated steel wire buckles. Nine wire variants, with availability confirmed by quotation.

Galvanized wire buckles are used in matched woven and composite strap systems. Other strap materials require a specifically validated pairing. Zinc coating suitability must be checked against the intended storage and transport conditions.

Specifications

STRAP WIDTHS	13–32 mm · 9 sizes
WIRE Ø	3.0–7.0 mm
MATERIAL	Steel wire
FINISH	Galvanized (zinc-coated)
COMPATIBLE STRAP	Woven / composite subject to system validation; PET / PP on request
PACKING	Cartons of 1,000 / 500 / 250 pieces
STRENGTH	On request

Sizes and carton data

PART NO.	STRAP WIDTH	WIRE Ø	PCS / CARTON	NET WEIGHT / CARTON	CARTON (CM)	CARTONS / PALLET
YK-WB-13G-30 On request	13 mm · 1/2 in	3.0 mm	1,000	7.5 kg	29.5 × 14.5 × 13.5	168
YK-WB-16G-30 On request	16 mm · 5/8 in	3.0 mm	1,000	8.5 kg	29.5 × 14.5 × 17.0	168
YK-WB-16G-35 On request	16 mm · 5/8 in	3.5 mm	On request	On request	On request	On request
YK-WB-19G-35 On request	19 mm · 3/4 in	3.5 mm	1,000	13.5 kg	39.5 × 19.5 × 15.5	105
YK-WB-19G-40 On request	19 mm · 3/4 in	4.0 mm	On request	On request	On request	On request
YK-WB-25G-45 On request	25 mm · 1 in	4.5 mm	500	15.5 kg	39.5 × 19.5 × 18.5	90
YK-WB-25G-50 On request	25 mm · 1 in	5.0 mm	500	18.75 kg	On request	75
YK-WB-32G-60 On request	32 mm · 1-1/4 in	6.0 mm	250	16.5 kg	39.5 × 19.5 × 18.5	90
YK-WB-32G-70 On request	32 mm · 1-1/4 in	7.0 mm	250	21.25 kg	On request	75

- Match nominal strap width, then check wire diameter, geometry, finish and tested joint performance. The 16 mm / 3.5 mm and 19 mm / 4.0 mm variants are on request, with packing data to be confirmed. Wire diameter alone does not establish load capacity.
- Strap width is the nominal width of the strap this product fits, not the product's outside size.

Applications

Pallets and crates

16 and 19 mm buckles with woven strap for daily production.

Timber, plywood and MDF bundles

19 and 25 mm, where bundles settle during loading and transit.

Steel, pipe and cable bundles

25 and 32 mm with 5.0 to 7.0 mm wire for dense, heavy loads.

Marble and stone crates

32 mm with 6.0 or 7.0 mm wire for weight that shifts on the road.

Export crates and sea freight

32 mm galvanized systems for long, humid routes.

Pairs with

Black woven strap 13–32 mm
Woven polyester strap in 13–32 mm widths, on request.

Phosphated wire buckles 13–32 mm
Dark, matte phosphate finish. Five nominal strap widths from 13 to 32 mm.

Consider a validated woven strap system in the same nominal width. The phosphated family offers five variants with a dark, matte finish; check each wire diameter separately.

How it is used

- 1 Thread**
Pass the strap around the load, through the buckle and back through the second slot.
- 2 Tension**
Pull the free end tight with a cord strap tensioner.
- 3 Lock**
Release the tool. The load pulls the strap against the crossbar and the joint locks by friction. No seal or crimping tool needed.

Notes

- Typical values per carton.
- Application examples are starting points, not load ratings. Match strap grade, accessory geometry and finish, tool and load conditions, then validate complete-joint performance before use. Availability is on request.
- Heavier wire for 16 mm (3.5 mm) and 19 mm (4.0 mm) on request.
- Published specifications are catalogue references. Exact dimensions, system suitability and availability are reviewed with your quotation.
- Generated from the YAKU product data. Unknown values read “On request”.

Contact

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