

Standards Reference

The standards and patterns named in the Kailipu catalogue, listed by product family, so a buyer can match a line on a drawing to a family before asking for a quote.

Read this first — a standard named here means the catalogue item is built to that pattern or dimension table

Design factor — stated per family; hardware is 4:1 unless the product page says otherwise

Certificates — Material Test Certificate to EN 10204 3.1 supplied with the order on request

All figures in this document are the specification lines published in the Kailipu catalogue. Where a value is not stated it is available on request. Send a drawing or a bill of materials on WhatsApp +86-18660236941 or to sales@qd-kailipu.com and we will confirm sizes, finish and lead time.

Standards And Patterns By Family

This table lists what the Kailipu catalogue names. It is a sourcing reference, not a certificate of conformity. Ask for the certificate package for the specific item and batch you are buying.

Family	Scope	Standards And Patterns Named
Shackles	US Federal and DIN pattern shackles	ASME B30.26 referenced for rigging hardware; DIN 82101; G209 G210 G213 G2130 G2150 US pattern; 4:1 or 6:1 design factor depending on the pattern
Eye Bolts and Eye Nuts	Forged lifting eyes	DIN 580 eye bolts; DIN 582 eye nuts; G277 shoulder nut eye bolt; G291 regular nut eye bolt; M6 to M64
Grade 80 Hooks and Links	Alloy lifting components	Grade 80 and Grade 100 alloy; EN 818-2 chain system components; 4:1 design factor; proof load tested
G43 and G70 Hooks	Transport and towing hooks	Grade 43 and Grade 70 transport chain hooks; NACM referenced for commercial chain grades
Welded and Lifting Chain	Alloy and carbon chain	EN 818-2 Grade 80 short link lifting chain; DIN 766 short link chain; DIN 763 long link; NACM Grade 30 43 70; JIS pattern chain
Marine Chain	Anchor and mooring chain	Stud link and studless anchor chain; Kenter joining shackles; classification society grades on request
Webbing Slings	Flat round and endless slings	EN 1492-1 flat woven webbing slings; EN 1492-2 round slings; 7:1 design factor standard for polyester slings; colour coded by capacity
Ratchet Straps	Cargo lashing assemblies	Polyester webbing lashing assemblies; EN 12195-2 referenced for lashing; end fittings to match the rated assembly
Wire Rope	Steel and stainless rope	6x19 6x19W 6x19S and 6x37 constructions; IPS and EIPS grades; fibre core and IWRC; AISI 304 and 316 stainless
Wire Rope Fittings	Clips thimbles and sleeves	DIN 741 wire rope clips; DIN 1142 malleable clips; DIN 6899 thimbles; G411 G414 thimble patterns; aluminium and copper ferrules
Turnbuckles	Tension adjusters	DIN 1480 hook eye and hook hook; DIN 1478 jaw and jaw; JIS frame type; US drop forged HG 227 HG 228 HG 251 patterns
Pulley Blocks	Snatch and sheave blocks	Snatch blocks with hook shackle or swivel eye; cast iron and zinc alloy pulley bodies; capacity stamped on the shell

What We Will And Will Not Confirm

- **We will confirm** the pattern, the dimension table, the material, the heat treatment, the finish and the marking for the item you are quoting.
- **We will supply** a Material Test Certificate to EN 10204 3.1 with the batch, and proof load, dimensional and breaking strength records.
- **We will accept** your own third party inspector at our Qingdao warehouse before the goods ship.
- **We will not** claim a certification the item does not carry. If you need a specific class approval or a CE declaration for a particular item, ask us before you order and we will tell you plainly whether that item can be supplied with it.

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