

Jason Hose Coupling Datasheet

Cast and forged couplings in aluminium, steel and stainless from 1 inch to 16 inch, made in the same plant as the hose.

- Founded in 2008, producing layflat hose in our own plant since 2010
- Exported to more than 50 countries
- Every manufacturing process complies with the ISO 9001 standard
- All layflat hose tested at 1.5 times working pressure for 2 hours before shipment
- Every hose carries a trace number for production date, operators and raw material source

All figures in this document are the published specifications of Taizhou Jason New Material Co., Ltd.. Working pressure, length, colour and coupling type are made to order. Confirm the final specification with our sales team before purchase.

Drag Hose Coupling



The drag hose coupling connects a drag hose to the applicator in umbilical slurry and liquid fertiliser work, where the joint is pulled across a field while it is under pressure. It is cast or forged in aluminium with an anodised surface, made in 4 to 8 inch (DN100 to DN200). The anodising is what keeps a field coupling serviceable through a season of manure and fertiliser contact.

Specification	Value
Material	Aluminum
Size	4-8 inch (DN100-DN200)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Corrosion resistance, Surface anodization, Safety, Easy to operate.

Applications

Agriculture irrigation.

Multilug Coupling



The multilug coupling is a large bore aluminium coupling made in 6 to 12 inch (DN150 to DN300), used across firefighting, oil and gas, agriculture and industry. Multiple lugs spread the clamping load around the hose instead of concentrating it, which is what keeps a large diameter joint sealed under pressure. It is cast or forged and anodised.

Specification	Value
Material	Aluminum
Size	6-12 inch (DN150-DN300)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Corrosion resistance, Surface anodization, Safety, Easy to operate.

Applications

Fire fighting, Oil and gas, Agriculture, Industrial.

Storz Self-locking Coupling



The Storz self-locking coupling is a fire hose connection with a built-in locking mechanism, so no separate locking device or tool is needed to make a secure joint. It is made to DIN14301 and DIN14303 in aluminium, cast or forged and anodised, from 4 to 14 inch (DN100 to DN350). For large diameter fire and industrial lines, the self-locking action is a safety feature as much as a convenience.

Specification	Value
Material	Aluminum
Standard	DIN14301 and DIN14303
Size	4-14 inch (DN100-DN350)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Anticorrosion, Surface anodization, Safety, Easy to use.

Applications

Fire fighting, Agriculture, Industrial.

Quick VIC Coupling



Quick VIC couplings and clamps connect hose across fire protection, industrial and commercial systems. Ours are used mainly to connect TPU layflat hose in oil and gas and dewatering, where a large bore joint has to be made and broken repeatedly in the field. They are cast or forged in aluminium alloy 6061-T6 with a corrosion resistant finish, in 4 to 16 inch (DN100 to DN400).

Specification	Value
Material	Aluminum Alloy 6061-T6
Size	4-16 inch (DN100-DN400)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Corrosion resistant finish, Reliability, Durability, Ease of use.

Applications

Connecting TPU layflat hose in oil and gas, Dewatering.

Bauer Coupling



Type A

The Bauer coupling is a quick release coupling for agriculture and industry, cast in galvanised or stainless steel and made in 2 inch to 12 inch. It comes in two types: Type A uses a locking lever with male ball and female socket hose tails, Type B uses a locking ring with the same tails. The steel construction is why it is chosen where aluminium will not survive the duty.

Specification	Value
Material	Galvanised steel or stainless steel
Production Process	Cast
Type	Type A, Type B
Type A Parts	Locking lever, male (ball) hose tail, female (socket) hose tail
Type B Parts	Locking ring, male (ball) hose tail, female (socket) hose tail
Size	2 inch-12 inch

Features

Convenient, Robust and durable, Safe, Heat-resistant, Tensile strength, Universal, Security.

Applications

Agriculture, Dewatering, Petroleum, Mining, Municipal, Construction.

Camlock Coupling



The camlock coupling connects and disconnects hose and pipe with two cam arms, no tools and no threading. It is made to MIL-C-27487F in aluminium, brass, stainless steel or PP, cast or forged, in 1 to 12 inch (DN25 to DN300). Four material options let the same fitting standard be used on water, fuel, chemicals and food-adjacent duty by changing only the material.

Specification	Value
Material	Aluminum, brass, stainless steel, PP
Standard	MIL-C-27487F
Size	1-12 inch (DN25-DN300)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Reliability, Durability, Ease of use.

Applications

Fire fighting, Agriculture, Industrial.

Storz Coupling



The Storz coupling is the symmetrical quick connect the fire service uses to join hose and equipment fast and securely. Because both halves are identical there is no male or female to sort out under pressure. Ours are made to DIN14301 and DIN14303 in aluminium, brass or stainless steel, cast or forged, in 1 to 8 inch (DN25 to DN200).

Specification	Value
Material	Aluminum, brass, stainless steel
Standard	DIN14301 and DIN14303
Size	1-8 inch (DN25-DN200)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Anticorrosion, Surface anodization.

Applications

Fire fighting, Agriculture, Industrial.