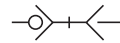


# 238 series

## Single shut off quick release couplings



- > Normal size: Ø 7,2 mm
- > Single handed operation
- > High flow, low pressure drop
- > European Standard Industrial profile
- Interchangeable with:  
Rectus 35 & 26 series  
Cejn 320  
JWL 520 & 530



### Technical features

#### Medium:

Compressed air and liquid fluids

#### Operation:

Single shut off:

The plug designed straight through, coupling shuts off immediately when connection is broken.

The ideal solution for operating compressed air tools.

#### Operating pressure:

0 ... 35 bar (0 ... 507 psi)

#### Water flow (kv factor):

1,2

#### Ambient/Media temperature:

-20°C ... +100°C (-4 ... +212 °F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35 °F).

#### Materials:

Coupling:

Body and sleeve: nickel plated brass

Valve: brass

Spring and locking ring/balls: Stainless steel

Seals: NBR

Plug:







Body: nickel plated brass

### Option selector

238\*\*\*\*\*

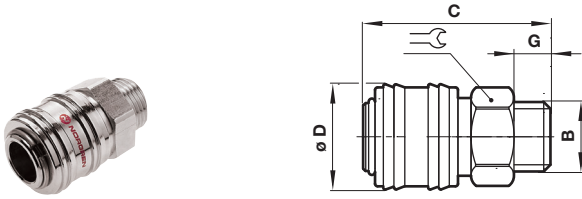
Style	Substitute	Thread size	Substitute
Plug	1	1/8	0018
Coupling	2	1/4	0028
Shape	Substitute	3/8	0038
External thread (ISO G)	1	1/2	0048
Internal thread (ISO G)	2	Tube - inside diameter	Substitute
Hose barb	3	6	0600
		9	0900
		13	1300


### Couplings and plugs

Coupling – male thread Thread: ISO G	Coupling – female thread Thread: ISO G	Coupling – hose barb	Plug – male thread Thread: ISO G	Plug – female thread Thread: ISO G	Plug – hose barb
					
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### Coupling – male thread

Thread: ISO G

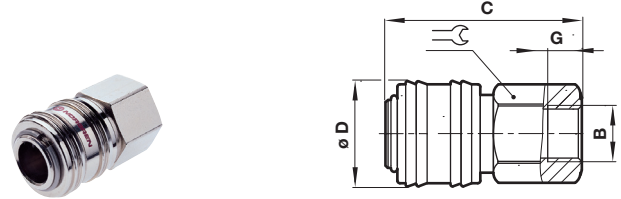


Normal size	B	C	Ø D	G		Model
Ø 7,2	G1/4	39	25	9	22	238210028
Ø 7,2	G3/8	41	25	9	22	238210038
Ø 7,2	G1/2	44	25	12	22	238210048

### Coupling – female thread

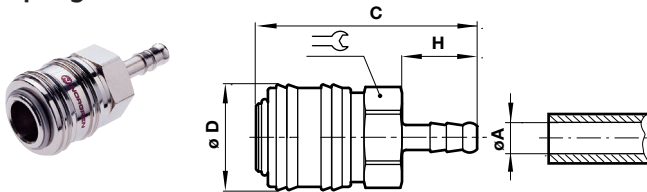
Thread: ISO G


Dimensions in mm  
Projection/First angle



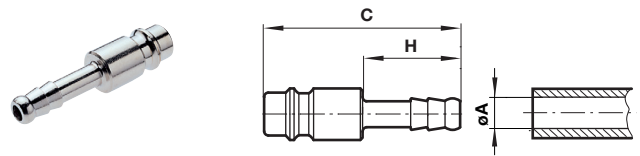
Normal size	B	C	Ø D	G		Typ
Ø 7,2	G1/4	41	25	9	22	238220028
Ø 7,2	G3/8	41	25	9	22	238220038
Ø 7,2	G1/2	44	25	10	24	238220048

### Coupling – hose barb



Normal size	Tube Ø A	C	Ø D	H		Model
Ø 7,2	6	58	25	25	21	238230600
Ø 7,2	9	58	25	25	21	238230900
Ø 7,2	13	58	25	25	21	238231300

### Plug – hose barb




Normal size	Tube Ø A	C	H	Model
Ø 7,2	6	48	25	238130600
Ø 7,2	9	48	25	238130900
Ø 7,2	13	48	25	238131300

### Plug – male thread

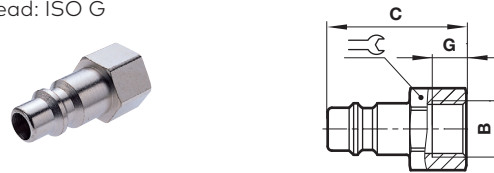
Thread: metric, ISO G



Normal size	B	C	G		Model
Ø 7,2	G1/8	31	7	14	238110018
Ø 7,2	G1/4	33	9	17	238110028
Ø 7,2	G3/8	33	9	19	238110038
Ø 7,2	G1/2	38	12	24	238110048

### Plug – female thread

Thread: ISO G



Normal size	B	C	G		Model
Ø 7,2	G1/4	33	10	17	238120028
Ø 7,2	G3/8	33	10	19	238120038
Ø 7,2	G1/2	35	12	24	238120048

### Warning

These products are intended for use in industrial compressed air and fluid systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all

component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.