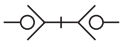
233 series
Double shut off quick release couplings

— Normal size: Ø 5 mm
— Single handed operation
— Compact robust construction
— High flow, low pressure drop
— Wide range of connections



Technical features

Medium:
Compressed air and liquid fluids

Operation:
Double shut off:
After disconnection the flow stops in both coupling and plug.
The medium is retained in both connection lines and pressure is not released

Operating pressure:
0 ... 35 bar (0 ... 507 psi)

Water flow (kv factor):
0,23

Ambient/Media temperature:
-20° ... +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

233★★★★★★

Style	Substitute
Plug	3
Coupling	4
Shape	**Substitute**
External thread (ISO G)	1
Internal thread (ISO G)	2
Hose barb	3
Hose barb panel mount	7

Thread size	Substitute
1/4	0028
Tube - inside diameter	**Substitute**
6	0600

Couplings and plugs

Coupling – male thread
Thread: ISO G

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Coupling – female thread
Thread: ISO G

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Coupling – hose barb

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Coupling – hose barb panel mount

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Plug – male thread
Thread: ISO G

Page 2

Plug – female thread
Thread: ISO G

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Plug – hose barb

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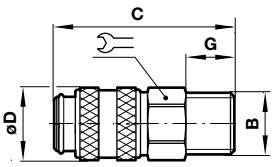
Coupling – male thread

Thread: ISO G

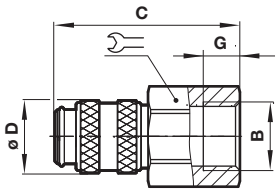


Normal size	B	C	Ø D	G		Model
Ø 5	G1/4	38	16,5	9	17	233410028

Coupling – female thread

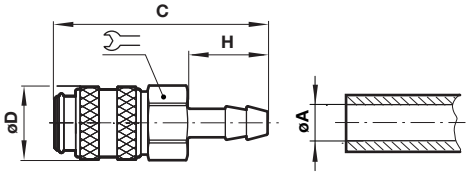
Thread: ISO G

Dimensions in mm
Projection/First angle



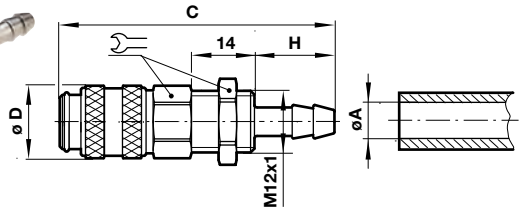
Normal size	B	C	Ø D	G		Typ
Ø 5	G1/4	38	16,5	9	17	233420028

Coupling – hose barb



Normal size	Tube Ø A	C	Ø D	H		Model
Ø 5	6	46	16,5	17	14	233430600

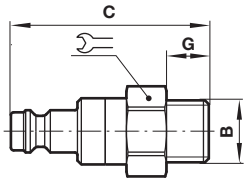
Coupling – hose barb



Normal size	Tube Ø A	C	Ø D	H		Model
Ø 5	6	60	16,5	17	17	233430600

Plug – male thread

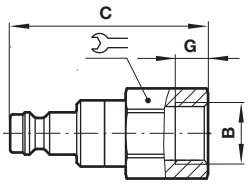
Thread: ISO G



Normal size	B	C	G		Model
Ø 5	G1/4	42	9	17	233310028

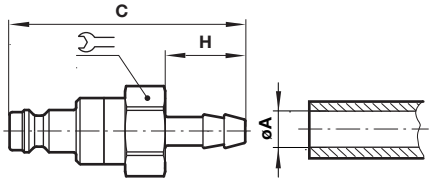
Plug – female thread

Thread: ISO G



Normal size	B	C	G		Model
Ø 5	G1/4	42	7	17	233320028

Plug – hose barb



Normal size	Tube ØA	C	H		Model
Ø 5	6	50	17	14	233330600

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.