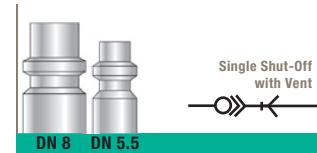


ISO B Profile



9401U Coupler, Male BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	(DN) C	E	F	G	L	kg	
		5.5	G1/4 9401U06 13	7.5	17	31.5	74	0.075
			G3/8 9401U06 17	8.5	21	31.5	76.5	0.095
			G1/2 9401U06 21	10.5	25	31.5	80	0.115
		8	G1/4 9401U08 13	6.5	22	36.5	81.5	0.120
			G3/8 9401U08 17	7.5	22	36.5	82.5	0.133
			G1/2 9401U08 21	9	25	36.5	85.5	0.140
C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min								

9405U Coupler, Male BSPT Thread

	Technical polymer, nickel-plated brass, NBR 	(DN) C	F	G	L	kg	
		5.5	R1/4 9405U06 13	17	31.5	75	0.075
			R3/8 9405U06 17	19	31.5	76.5	0.095
			R1/2 9405U06 21	22	31.5	81.5	0.110
		8	R1/4 9405U08 13	22	36.5	84	0.120
			R3/8 9405U08 17	22	36.5	84	0.120
			R1/2 9405U08 21	22	36.5	88	0.140
C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min							

9414U Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	(DN) C	E	F	G	L	kg	
		5.5	G1/4 9414U06 13	12	17	31.5	66.5	0.070
			G3/8 9414U06 17	12	22	31.5	72	0.085
			G1/2 9414U06 21	15	27	31.5	78	0.115
		8	G1/4 9414U08 13	12	22	36.5	75	0.127
			G3/8 9414U08 17	12	22	36.5	75	0.144
			G1/2 9414U08 21	15	27	36.5	80	0.138
C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min								

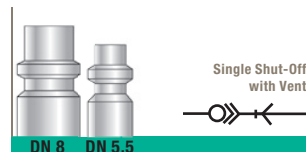
9410U Coupler, LF 3000® Push-In Connection, Body Spiral Protection Spring

	Technical polymer, nickel-plated brass, NBR 	(DN) ØD	G	L	L1	kg	
		5.5	8 9410U06 08	31.5	145	56	0.096
			10 9410U06 10	31.5	145	56	0.080
		8	10 9410U08 10	36.5	155	63	0.175
			12 9410U08 12	36.5	165	63	0.162
C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min							


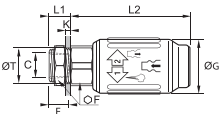


9421U Coupler with Hosetail

	Technical polymer, nickel-plated brass, NBR 	(DN) ØD	F	G	L	L1	kg		
		5.5	6 9421U06 06	17	31.5	88.5	26	0.070	
			8 9421U06 08	17	31.5	88.5	26	0.070	
			10 9421U06 10	17	31.5	88.5	26	0.070	
		8	6 9421U08 06	22	36.5	95	26	0.110	
			8 9421U08 08	22	36.5	95	26	0.100	
			10 9421U08 10	22	36.5	95	26	0.124	
			13 9421U08 13	22	36.5	99	30	0.125	
		C 9000 Series ISO B (DN 5.5): single shut-off flow = 1250 NI/min C 9000 Series ISO B (DN 8): single shut-off flow = 2400 NI/min							

ISO B Profile


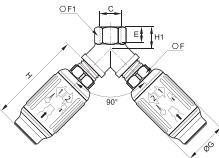




9416U Coupler, Bulkhead Mountable, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	 C 	E	F	G	K_{max}	L1	L2	OT_{min}	kg
		5.5 G1/4 9416U06 13	12	22	31.5	6	12.5	68.5	18.5	0.105
		8 G3/8 9416U08 17	12	24	36.5	7	14.5	76	22.5	0.150


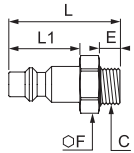


C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min
C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9440U Y Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	 C 	E	F	F1	G	H	H1	kg
		5.5 G3/8 9440U06 17	11.5	19	20	31.5	70	16	0.207
		8 G1/2 9440U08 21	14	22	25	36.5	80	19	0.352


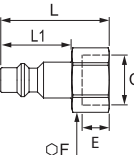


C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min
C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9087U Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 	 C 	E	F	L	L1	kg
		5.5 G1/4 9087U06 13	9	17	38	24	0.025
		G3/8 9087U06 17	9	19	38	24	0.032
		G1/2 9087U06 21	12	22	42	24	0.048
		G1/4 9087U08 13	9	17	38	24	0.030
		8 G3/8 9087U08 17	9	19	39	24	0.036
G1/2 9087U08 21	12	22	42	24	0.058		


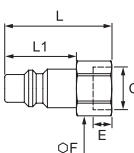


Probe without shut-off

9086U Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 	 C 	E	F	L	L1	kg
		5.5 G1/4 9086 23 13	9	17	36	24	0.025
		G3/8 9086 23 17	9	19	36	24	0.025
		G1/2 9086 23 21	12	24	39	24	0.039

Probe without shut-off

9086U Probe, Straight-Through, Female BSPP Thread

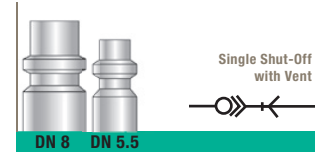
	Nickel-plated steel 	 C 	E	F	L	L1	kg
		8.5 G1/4 9086 30 13	10	17	40	28	0.032
		G3/8 9086 30 17	10	19	42	28	0.035
		G1/2 9086 30 21	12	24	43	28	0.046

Probe without shut-off
30 Series probe (DN 8.5) compatible with ISO B series C 9000 couplers (DN 8)

Polymer C 9000 Safety

Quick-Acting Couplers

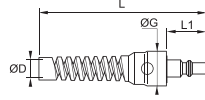
ISO B Profile



9080U Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring



Nickel-plated steel, NBR



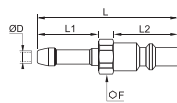
DN	ØD		G	L	L1	kg
5.5	8	9080U06 08	24	112	24	0.052
	10	9080U06 10	24	112	24	0.044
8	10	9080U08 10	24	114	26	0.095
	12	9080U08 12	29.5	125	26	0.096

Probe without shut-off

9094U Probe, Straight-Through, with Hosetail



Nickel-plated steel



DN	ØD		F	L	L1	L2	kg
5.5	6	9094U06 06	14	51	24	25	0.016
	8	9094U06 08	14	51	27	25	0.017
	10	9094U06 10	14	51	24	25	0.018
8	8	9094U08 08	17	51	24	25	0.027
	10	9094U08 10	17	51	27	25	0.028
	13	9094U08 13	17	51	24	25	0.031

Probe without shut-off

C 9000 Polymer Quick-Acting Safety Couplers

This range of ergonomic polymer couplers has been designed for **the safety of operators and machinery** while giving very high **energy efficiency performance**. Available in three profile standards, it is perfectly suited for any type of installation.

Product Advantages

Safety & Reliability

- Prevents risk of whiplash
- Quick-acting vent allowing disconnection to be carried out in total safety
- Rotating sleeve to avoid risk of accidental disconnection
- Low connection/disconnection force even under pressure
- Polymer sleeve protects equipment from scratching
- Protective spiral over the tube prevents kinking

Performance

- Very high flow and low pressure drop
- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Robust impact-resistant material
- Optimum energy efficiency
- Long-term reliability

Easy-to-Use

- Immediate identification by clear marking on each model showing:
 - profile of the compatible male probe
 - type part number
- Compatible with male probes conforming to:
 - ISO B profile
 - European profile
 - ARO profile



Workshops
Cleaning
Blowing
Pneumatics
Air-Operated Tools
Ring Main Circuits
Packaging

Applications

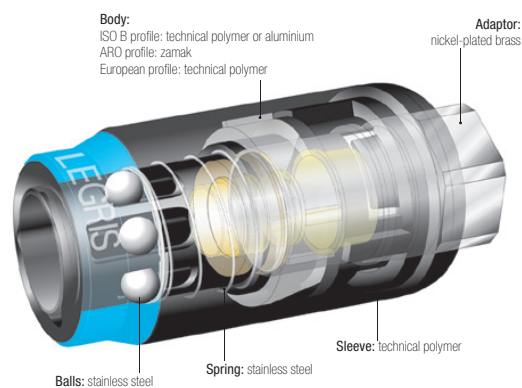
Technical Characteristics

Compatible Fluids	Compressed air
Working Pressure	0 to 16 bar
Working Temperature	-20°C to +60°C

Regulations

DI: 97/23/EC (PED)
 DI: 2002/95/EC (RoHS), 2011/65/EC
 DI: 1907/2006 (REACH)
 ISO 4414 Pneumatic Fluid Power: General Rules Relating to Systems
 DIN EN 983 Safety Standard for Pneumatics

Component Materials

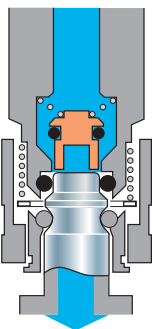


Silicone-free

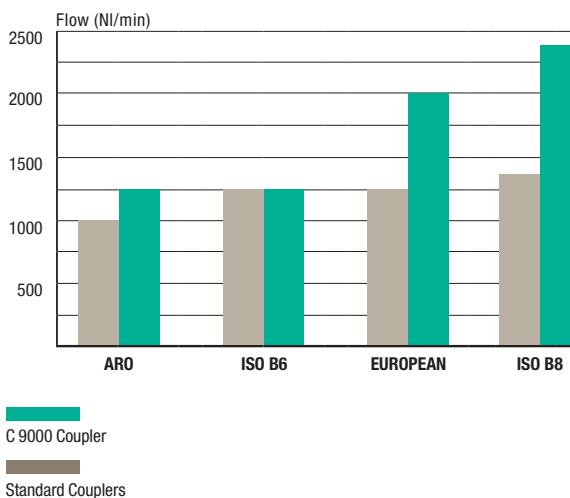
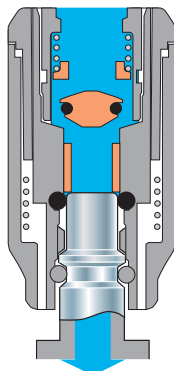
C 9000 Polymer Quick-Acting Safety Couplers

C 9000 Technology and Flow Rates

"Typical" quick-acting coupler
Standard "poppet" technology
Flow: 1400 NI/min



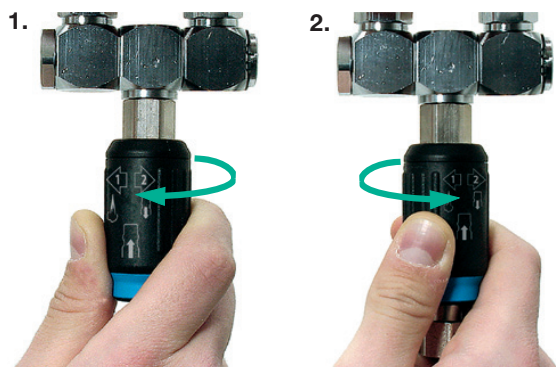
C 9000 quick-acting coupler
"Optimal flow" technology
Flow: 2400 NI/min



Measurements carried out in accordance with ISO 6358 at a pressure of 6 bar, pressure drop < 0.7 bar

Operation

Operation



Disconnecting the probe

Rotation, arrow 1: circuit vented on probe side.

Rotation, arrow 2: probe disconnected from the body.

Connecting the probe

The sleeve does not need to be rotated to connect the probe.

Venting



ISO B6 profile, recoil tubing (I.D. 6 mm, length 6 m)

Venting time = 350 ms (transition from 6 bar to 0.2 bar)

ISO B8 profile, PVC tubing (I.D. 10 mm, length 25 m)

Venting time = 860 ms (transition from 6 bar to 0.2 bar)

Even with longer lengths of tubing, the vent time of the C 9000 coupler can be less than 1 second.

Quick-Acting Coupler Part Numbers

