

## ISO 6150-B / US standard



Nipple profile



### ErgoQIC 10US

The ErgoQIC 10US is a full flow quick coupling suitable for assembly tools, drills and small grinders. Upgrading any air system with ErgoQIC 10US couplings can improve productivity and energy efficiency. Safety feature according to EN 983 / ISO 4414.

### QIC 10US

The QIC 10US quick coupling is suitable for assembly tools, drills and small grinders. The QIC 10US has a wide range of connections available and it is interchangeable with US 3/8" standard nipples.

## Technical Data

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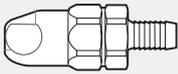
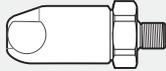
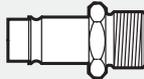
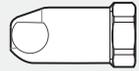
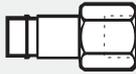
Max flow capacity	43 l/s (0.5 bar $\Delta P$ )
Economical air flow	27 l/s (0.2 bar $\Delta P$ )
Max working pressure	16 bar
Temperature range	-20°C to 80°C

## Technical Data

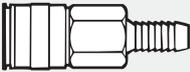
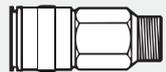
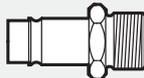
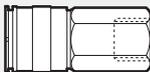
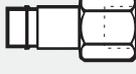
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Max flow capacity	19 l/s (0.5 bar $\Delta P$ )
Economical air flow	12 l/s (0.2 bar $\Delta P$ )
Max working pressure	10 bar
Temperature range	-20°C to 80°C

**ErgoQIC 10US and NIP 10US, 27 l/s** (recommended air flow at 6.3 bar pressure)

Connection type	Coupling ErgoQIC 10US	Ordering No.	Size		Connection type	Nipple NIP 10US	Ordering No.	Size	
			mm	in				mm	in
 H – Hose	H08	8202 1107 01	8	5/16	 H – Hose	H08	8202 1210 70	8	5/16
	H10	8202 1107 02	10	3/8		H10	8202 1210 71	10	3/8
	H13	8202 1107 03	12.5	1/2		H13	8202 1210 72	12.5	1/2
	H16	8202 1107 04	16	5/8		H16	8202 1210 73	16	5/8
	H20	8202 1107 05	19	3/4		H20	8202 1210 74	19	3/4
 M – Male	M08	8202 1107 07	1/4 BSP		 M – Male	M08	8202 1210 75	1/4 BSP	
	M10	8202 1107 09	3/8 BSP			M10	8202 1210 76	3/8 BSP	
	M15	8202 1107 11	1/2 BSP			M15	8202 1210 77	1/2 BSP	
 F – Female	F08	8202 1107 13	1/4 BSP		 F – Female	F08	8202 1210 81	1/4 BSP	
	F10	8202 1107 15	3/8 BSP			F10	8202 1210 82	3/8 BSP	
	F15	8202 1107 17	1/2 BSP			F15	8202 1210 83	1/2 BSP	

**QIC 10US and NIP 10US, 12 l/s** (recommended air flow at 6.3 bar pressure)

Connection type	Coupling QIC 10US	Ordering No.	Size		Connection type	Nipple NIP 10US	Ordering No.	Size	
			mm	in				mm	in
 H – Hose	H08	8202 1307 01	8	5/16	 H – Hose	H08	8202 1210 70	8	5/16
	H10	8202 1307 02	10	3/8		H10	8202 1210 71	10	3/8
	H13	8202 1307 03	12.5	1/2		H13	8202 1210 72	12.5	1/2
						H16	8202 1210 73	16	5/8
 M – Male	M08	8202 1307 10	1/4 BSP		 M – Male	M08	8202 1210 75	1/4 BSP	
	M10	8202 1307 11	3/8 BSP			M10	8202 1210 76	3/8 BSP	
	M15	8202 1307 12	1/2 BSP			M15	8202 1210 77	1/2 BSP	
 F – Female	F08	8202 1307 13	1/4 BSP		 F – Female	F08	8202 1210 81	1/4 BSP	
	F10	8202 1307 14	3/8 BSP			F10	8202 1210 82	3/8 BSP	
	F15	8202 1307 15	1/2 BSP			F15	8202 1210 83	1/2 BSP	



Start here:

1. Choose your application
2. Look for the tick for your application

✓ Recommended by Atlas Copco for your application

ErgoQIC 08US	ErgoQIC 08 ErgoQIC 10AC	ErgoQIC 10 ASIA	ErgoQIC 08E	ErgoQIC 10US	ErgoQIC 10	ErgoQIC 15E	ErgoQIC 15US
Air flow capacity 0-11 l/s	Air flow capacity 0-18 l/s	Air flow capacity 0-22 l/s	Air flow capacity 0-24 l/s	Air flow capacity 0-27 l/s	Air flow capacity 0-40 l/s	Air flow capacity 0-49 l/s	Air flow capacity 0-52 l/s

YOUR APPLICATION		Bolt size	Air flow requirements										
				ErgoQIC 08US	ErgoQIC 08 ErgoQIC 10AC	ErgoQIC 10 ASIA	ErgoQIC 08E	ErgoQIC 10US	ErgoQIC 10	ErgoQIC 15E	ErgoQIC 15US		
	Screwdrivers	M2-M6	2-8 l/s	✓	✓	✓	✓						
		<b>Bolt size</b>											
	Impact wrenches	1/4" HEX and 3/8"	2-9 l/s	✓	✓	✓	✓						
		3/8" and 1/2"	10-20 l/s			✓	✓	✓	✓				
		1" and 1 1/2"	28-37 l/s						✓	✓	✓	✓	✓
<b>Bolt size</b>													
	Pulse tools	M4-M5	9 l/s	✓	✓	✓	✓						
		M6-M12	15-25 l/s		✓	✓	✓	✓	✓		✓		
		M14-M20	32-49 l/s						✓	✓	✓	✓	✓
<b>Power</b>													
	Drills	<820 W	8-21 l/s	✓	✓	✓	✓	✓					
		<b>Size</b>											
	Chipping hammers	<7 kg	6.5-14 l/s	✓	✓	✓	✓	✓					
		<b>Power</b>											
	Die grinders	<500 W	3-10 l/s	✓	✓	✓	✓						
		500-900 W	7-19 l/s			✓	✓	✓	✓	✓			
		0.9-2 kW	20-35 l/s			✓	✓	✓	✓	✓	✓	✓	✓
<b>Power</b>													
	Turbine grinders	<2.5 kW	32 l/s						✓	✓	✓	✓	✓
		<b>Power</b>											
	Blow guns		4-7.5 l/s	✓	✓	✓	✓						

## Interchangeability Guide

Standard	Global		EU standard		ISO 6150-B (former US)			EU	EU	ASIA
	Type	Market	7.6 (7.4)	10.4	1/4"	3/8"	1/2"	Australia		Italy, SA, NZ
Atlas Copco ErgoQIC	08	10	08E	15E	08US	10US	15US	10AC		10 ASIA
Atlas Copco QIC			10E	15E	08	10US	15US	10	15	10 ASIA
Atlas Copco QIC Safety			10SE	15SE	08S			10S	15S	
<b>CEJN</b>			320	410	310	430	<b>550</b>			<b>315</b>
Oetiker			SC C		SC B1	SC E	SC H			SC D
Tema			1600	1700	1400			1650	1750	
Rectus			25/26	27	23/24	30	37	33	34	13
Prevost			ESC/ERC07		IRC/ISC06	IRC/ISC08	ISG 11			ORG
Nitto Kohki										20/30/40
<b>ARO</b>							<b>400</b>			<b>380</b>
Amflo					C20B	C26	C10			
Bosch			7.2							
Parker				55	30 / B23	25F	17			
Foster					3003	4404	5205			
Camozzi			508/5180							
Dynaquip					1/4"	3/8"				
EVO			x							
Festo			KD							
Gromelle					600	900				
Hansen					22/3000	400/4000	500/5000			
Ingersoll Rand			7S7		A2/MS/102	A3/103/203	A4/104/204			
Kaeser			x							
Legris			25/26	27	23/24	30				13
Tomco					180	4000	5000			