

ISO 6150-B / US standard



Nipple profile



ErgoQIC 15US

The ErgoQIC 15US is a full flow coupling suitable for large air consuming assembly tools, drills and grinders. Upgrading any air system with ErgoQIC 15US can improve productivity and energy efficiency. Safety feature according to EN 983 / ISO 4414.

QIC 15US

The QIC 15US quick coupling is suitable for assembly tools, drills and grinders. The QIC 15US has a wide range of connections available and it is interchangeable with US 1/2" standard nipples.

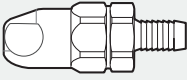

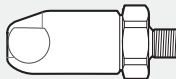
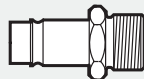
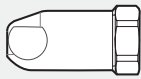
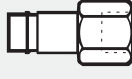
Technical Data

Max flow capacity	77 l/s (0.5 bar ΔP)
Economical air flow	52 l/s (0.2 bar ΔP)
Max working pressure	16 bar
Temperature range	-20°C to +80°C

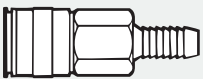

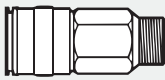
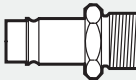
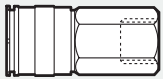
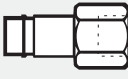
Technical Data

Max flow capacity	40 l/s (0.5 bar ΔP)
Economical air flow	22 l/s (0.2 bar ΔP)
Max working pressure	10 bar
Temperature range	-20°C to +80°C

ErgoQIC 15US and NIP 15US, 52 l/s (recommended air flow at 6.3 bar pressure)

Connection type	Coupling ErgoQIC 15US	Ordering No.	Size		Connection type	Nipple NIP 15US	Ordering No.	Size		
			mm	in				mm	in	
H – Hose 	H10	8202 1108 02	10	3/8	H – Hose 	H10	8202 1215 40	10	3/8	
	H13	8202 1108 03	12.5	1/2		H13	8202 1215 41	12.5	1/2	
	H16	8202 1108 04	16	5/8		H16	8202 1215 42	16	5/8	
	H20	8202 1108 05	19	3/4		H20	8202 1215 43	19	3/4	
M – Male 	M10	8202 1108 09	3/8 BSP		M – Male 	M08	8202 1215 44	1/4 BSP		
	M15	8202 1108 11	1/2 BSP			M10	8202 1215 45	3/8 BSP		
F – Female 	F10	8202 1108 15	3/8 BSP			F – Female 	F10	8202 1215 52	3/8 BSP	
	F15	8202 1108 17	1/2 BSP				F15	8202 1215 53	1/2 BSP	

QIC 15US and NIP 15US, 22 l/s (recommended air flow at 6.3 bar pressure)

Connection type	Coupling QIC 15US	Ordering No.	Size		Connection type	Nipple NIP 15US	Ordering No.	Size	
			mm	in				mm	in
H – Hose 	H13	8202 1308 02	12.5	1/2	H – Hose 	H10	8202 1215 40	10	3/8
	H16	8202 1308 20	16	5/8		H13	8202 1215 41	12.5	1/2
	H20	8202 1308 03	19	3/4		H16	8202 1215 42	16	5/8
M – Male 	M10	8202 1308 10	3/8 BSP			M – Male 	M20	8202 1215 43	19
	M15	8202 1308 11	1/2 BSP		M08		8202 1215 44	1/4 BSP	
	M20	8202 1308 12	3/4 BSP		M10		8202 1215 45	3/8 BSP	
F – Female 	F10	8202 1308 13	3/8 BSP		F – Female 		M15	8202 1215 46	1/2 BSP
	F15	8202 1308 14	1/2 BSP			M20	8202 1215 47	3/4 BSP	
	F20	8202 1308 15	3/4 BSP			F10	8202 1215 52	3/8 BSP	
						F15	8202 1215 53	1/2 BSP	



- Start here:
 1. Choose your application
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✓ 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	✓	✓	✓	✓						
		Bolt size											
	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						✓	✓	✓	✓	✓
Bolt size													
	Pulse tools	M4-M5	9 l/s	✓	✓	✓	✓						
		M6-M12	15-25 l/s		✓	✓	✓	✓		✓		✓	
		M14-M20	32-49 l/s						✓	✓	✓	✓	✓
Power													
	Drills	<820 W	8-21 l/s	✓	✓	✓	✓	✓					
		Size											
	Chipping hammers	<7 kg	6.5-14 l/s	✓	✓	✓	✓	✓					
		Power											
	Die grinders	<500 W	3-10 l/s	✓	✓	✓	✓						
		500-900 W	7-19 l/s			✓	✓	✓	✓				
		0.9-2 kW	20-35 l/s			✓	✓	✓	✓	✓	✓	✓	✓
Power													
	Turbine grinders	<2.5 kW	32 l/s						✓	✓	✓	✓	✓
		Power											
	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
Benelux, France, US, Norway, Switzerland, 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	
CEJN			320	410	310	430	550			315
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
ARO							400			380
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			