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Узбекистан +998(71)205-18-59

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эл.почта: hed@nt-rt.ru || сайт: <https://hcl.nt-rt.ru/>



Technical Data Sheet

Herbie® Clip Large Air Tool

Suitable For: Herbie® Clip Size N to 85 and Plastic Snap Fit Hose Clamps
Part No. PHCT-J07-B02-H02

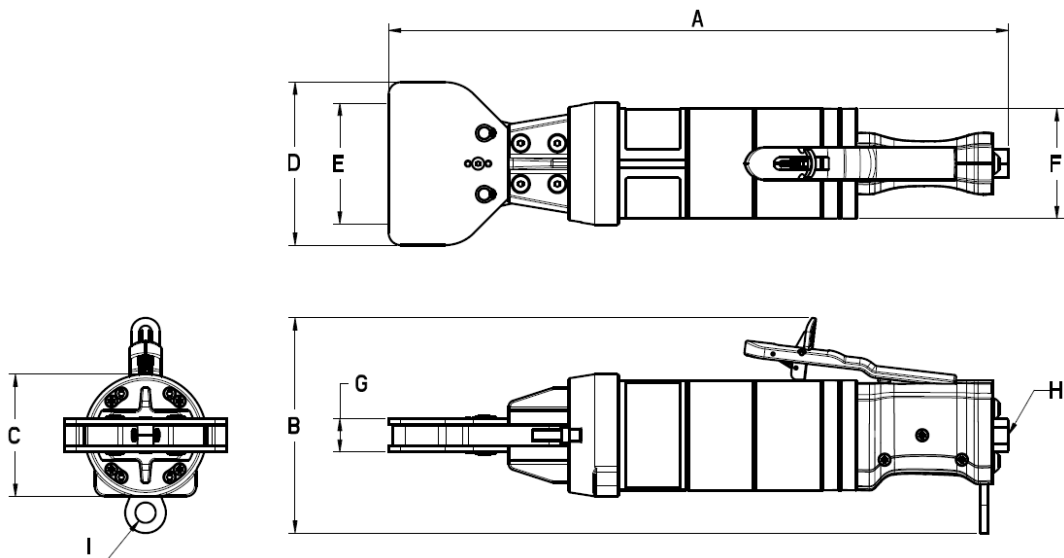


Description

Pneumatic fitting tool to tighten Herbie® Clip hose clamps from size N to 85 and general plastic snap fit hose clamps with a jaw width closing range defined in the table below. Tool comes with TPU protective bumper, 2 power modules and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.



Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Herbie Clip Sizes	N to 85	-
Weight	1.07 (2.36) $\pm 2\%$	kg (lb)
(A) Length	305 (12.01)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)



Technical Data Sheet

General Properties Continued		
Property	Value	Unit
(D) Jaw Width	80 (3.15)	mm (inch)
(E) Jaw Closing Range	25 (0.98) to 59 (2.32)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	17 (0.67)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

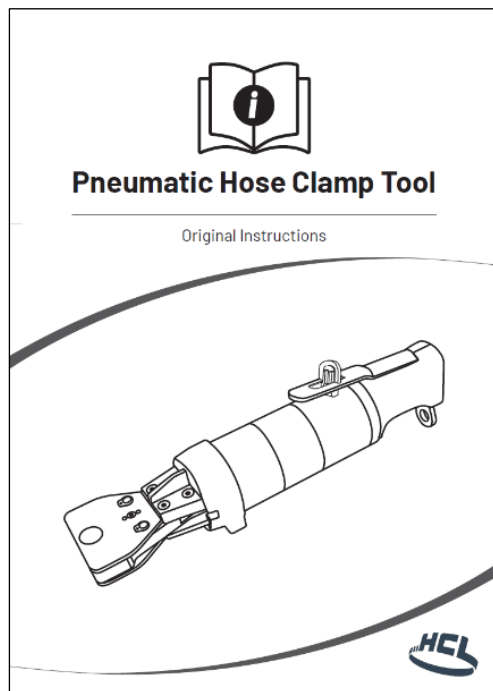
Mechanical

Jaw Closing Force			
Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	167	17	38
3 (43.5)	291	30	65
4 (58.0)	430	44	97
5 (72.5)	565	58	127
6 (87.0)	702	72	158

¹ The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.





Technical Data Sheet

Ear Hose Clamp Air Tool Suitable For: Metal Ear Clamps Part No. PHCT-J02-B04-H02

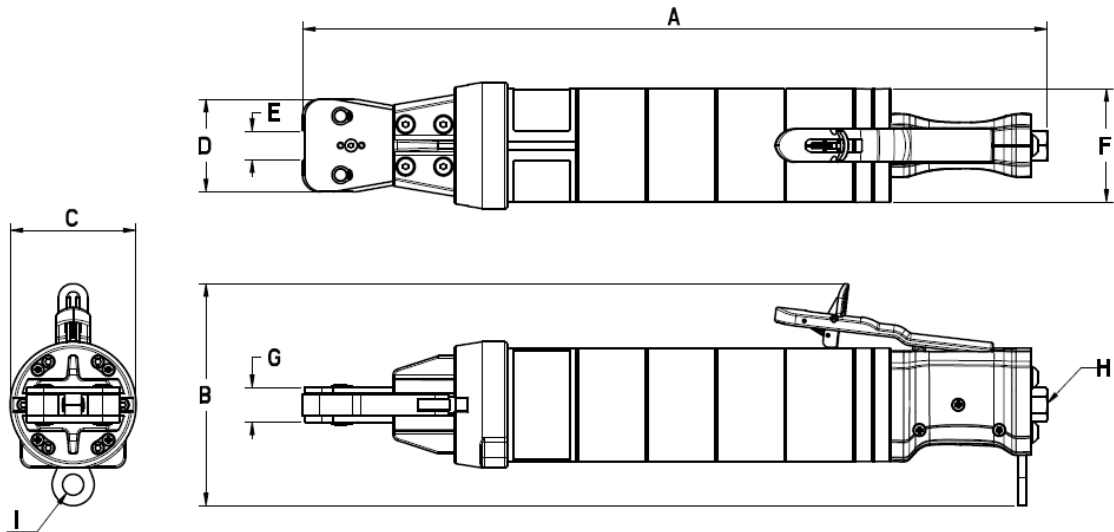


Description

Pneumatic fitting tool to tighten metal ear hose clamps. Tool comes with TPU protective bumper, 4 power modules and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.



Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Hose Clamp Type	Metal Ear Clamp	-
Weight	1.15 (2.54) $\pm 2\%$	kg (lb)
(A) Length	355 (13.98)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)

General Properties Continued

Property	Value	Unit
(D) Jaw Width	44 (1.73)	mm (inch)
(E) Jaw Closing Range	2 (0.079) to 13 (0.51)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	17 (0.67)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

Mechanical

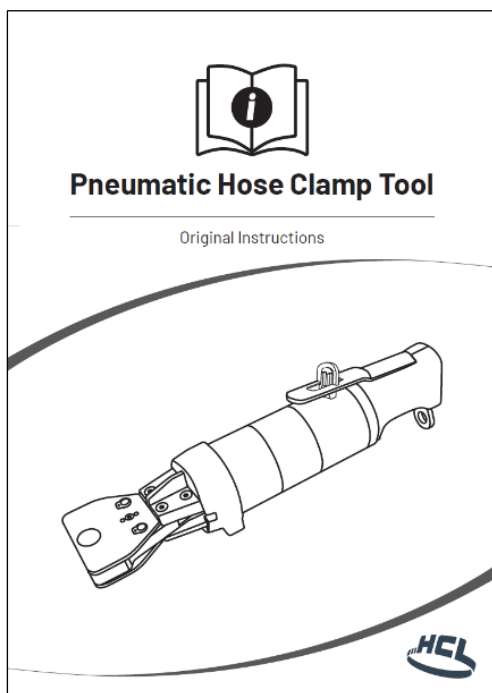
Jaw Closing Force

Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	872	89	196
3 (43.5)	1570	160	353
4 (58.0)	2168	221	487
5 (72.5)	2833	289	637
6 (87.0)	3409	347	766

¹The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.





Technical Data Sheet

Herbie® Clip Extra Large Air Tool

Suitable For: Herbie® Clip Size 91 to 115 and Plastic Snap Fit Hose Clamps
Part No. PHCT-J08-B03-H02

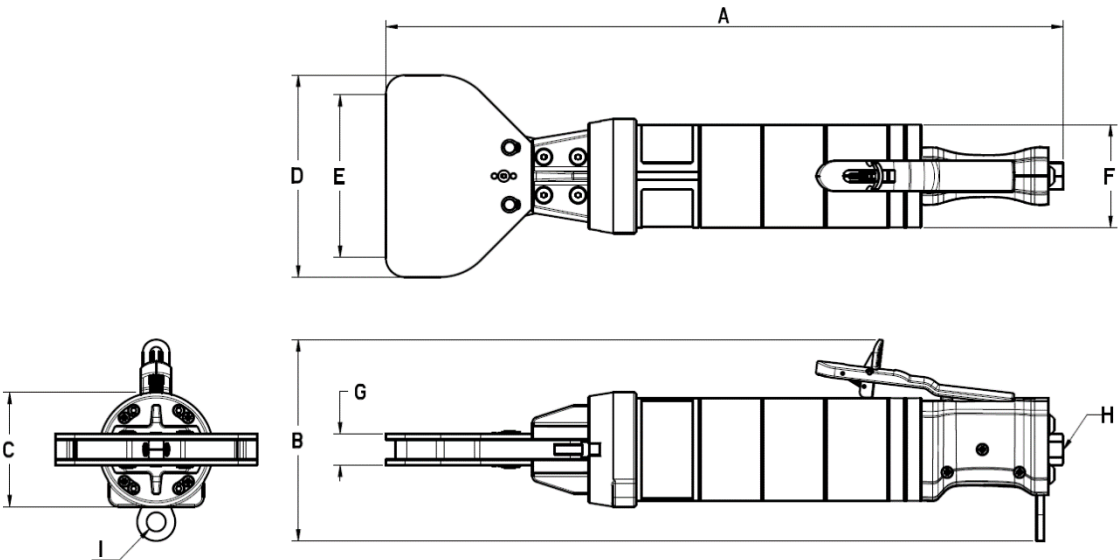


Description

Pneumatic fitting tool to tighten Herbie® Clip hose clamps from size 91 to 115 and general plastic snap fit hose clamps with a jaw width closing range defined in the table below. Tool comes with TPU protective bumper, 3 power modules and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.



Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Herbie Clip Sizes	91 to 115	-
Weight	1.35 (2.97) $\pm 2\%$	kg (lb)
(A) Length	356 (14.01)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)



Technical Data Sheet

General Properties Continued		
Property	Value	Unit
(D) Jaw Width	106 (4.17)	mm (inch)
(E) Jaw Closing Range	38 (1.50) to 85 (3.34)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	17 (0.67)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

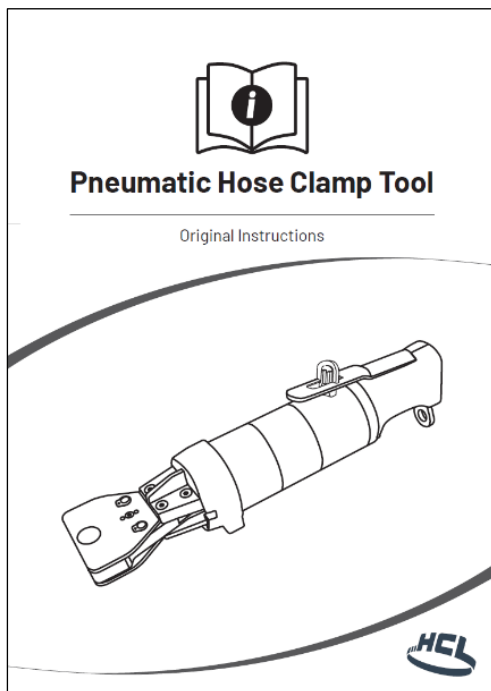
Mechanical

Jaw Closing Force			
Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	212	22	48
3 (43.5)	334	34	75
4 (58.0)	470	48	106
5 (72.5)	599	61	135
6 (87.0)	736	75	166

¹ The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.





Technical Data Sheet

Snap Fit Plastic Hose Clamp Air Tool Suitable For: Ezyclik™-P Hose Clamps Part No. PHCT-J04-B02-H02

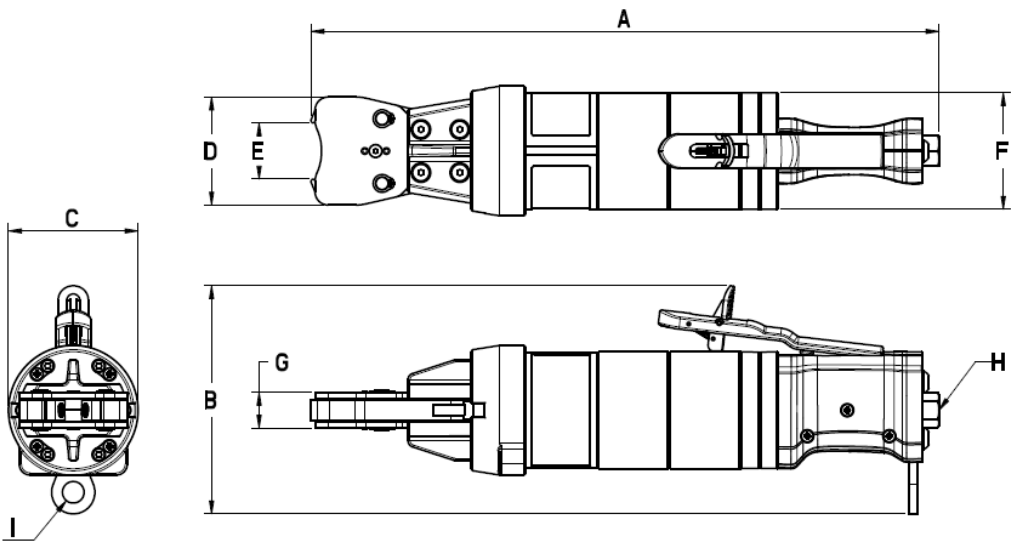


Description

Pneumatic fitting tool to tighten Ezyclik™P plastic snap fit hose clamps. Tool comes with TPU protective bumper, 2 power modules and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.



Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Hose Clamp Type	Ezyclik™P hose clamps	-
Weight	0.91 (2.01) $\pm 2\%$	kg (lb)
(A) Length	291 (11.46)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)

General Properties Continued

Property	Value	Unit
(D) Jaw Width	50 (1.97)	mm (inch)
(E) Jaw Closing Range	2 (0.079) to 26 (1.02)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	17 (0.67)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

Mechanical

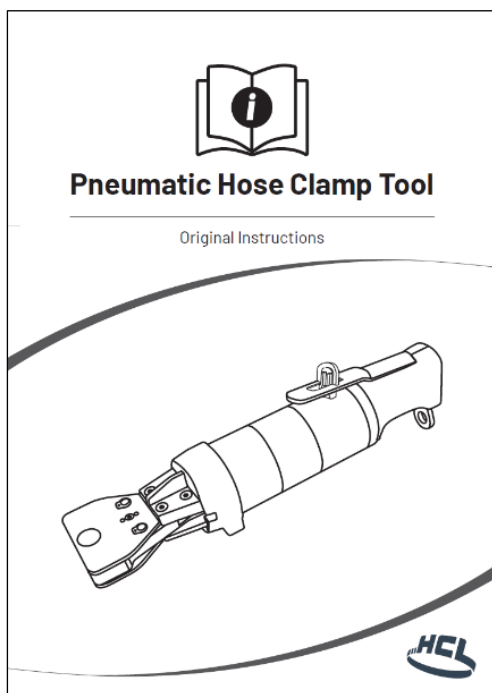
Jaw Closing Force

Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	229	23	51
3 (43.5)	444	45	100
4 (58.0)	650	66	146
5 (72.5)	860	87	194
6 (87.0)	1070	109	241

¹The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.





Technical Data Sheet

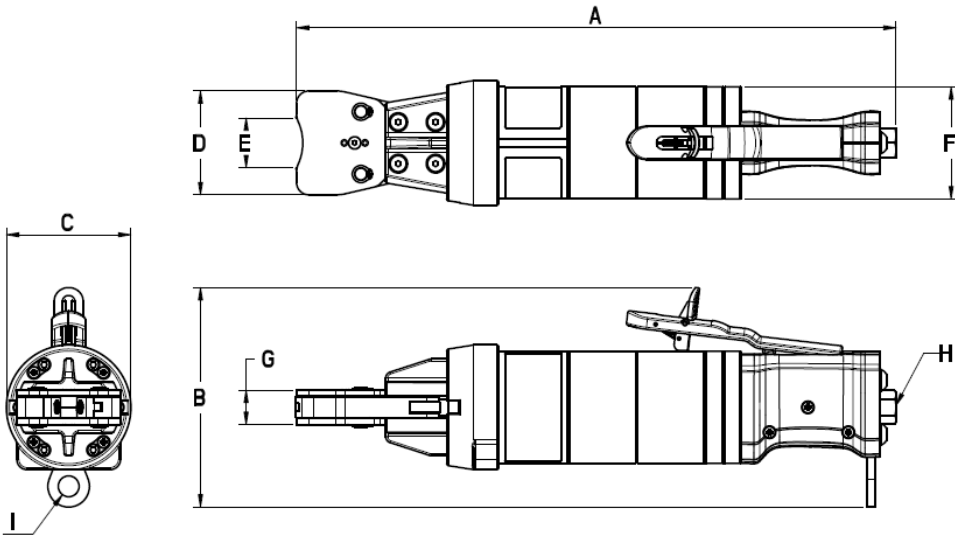
Snap Fit Metal Hose Clamp Air Tool Suitable For: Snap Fit Metal Hose Clamps Part No. PHCT-J03-B02-H02



Description

Pneumatic fitting tool to tighten metallic snap fit hose clamps. Tool comes with TPU protective bumper, 2 power modules and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.

Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Hose Clamp Type	Metal Ear Clamp	-
Weight	0.91 (2.01) $\pm 2\%$	kg (lb)
(A) Length	289 (11.38)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)



Technical Data Sheet

General Properties Continued		
Property	Value	Unit
(D) Jaw Width	50 (1.97)	mm (inch)
(E) Jaw Closing Range	0 (0.0) to 24 (0.94)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	17 (0.67)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

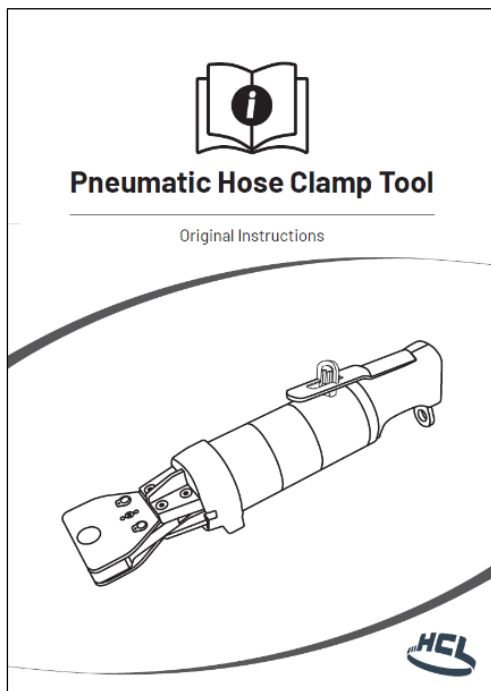
Mechanical

Jaw Closing Force			
Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	307	31	69
3 (43.5)	507	51	114
4 (58.0)	714	72	160
5 (72.5)	933	95	209
6 (87.0)	1149	117	258

¹ The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.





Technical Data Sheet

Herbie® Clip Small Air Tool

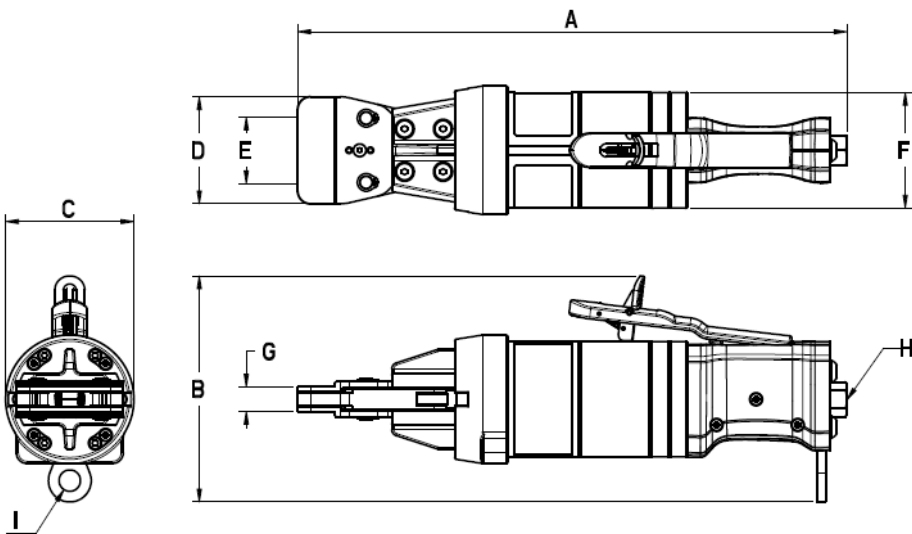
Suitable For: Herbie® Clip Size A to D and Plastic Snap Fit Hose Clamps
Part No. PHCT-J05-B01-H02



Description

Pneumatic fitting tool to tighten Herbie® Clip hose clamps from size A to D and general plastic snap fit hose clamps with a jaw width closing range defined in the table below. Tool comes with TPU protective bumper, 1 power module and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.

Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Herbie Clip Sizes	A to D	-
Weight	0.80 (1.76) $\pm 2\%$	kg (lb)
(A) Length	257 (10.12)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)

General Properties Continued

Property	Value	Unit
(D) Jaw Width	50 (1.97)	mm (inch)
(E) Jaw Closing Range	9 (0.35) to 31 (1.22)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	12 (0.47)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

Mechanical

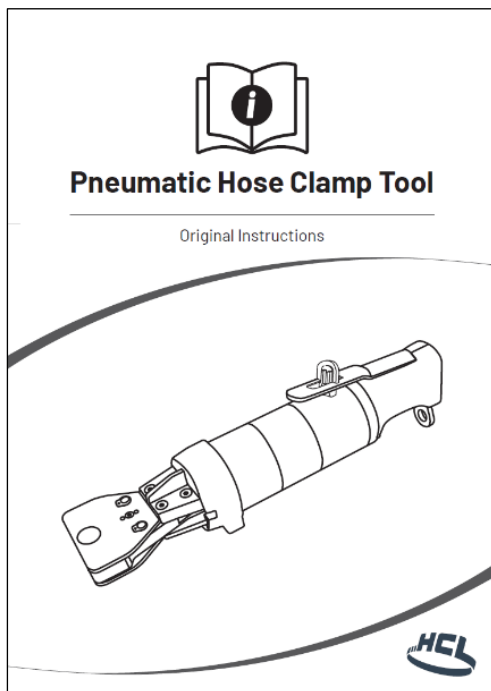
Jaw Closing Force

Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	147	15.0	33.0
3 (43.5)	244	24.9	54.9
4 (58.0)	322	32.8	72.4
5 (72.5)	442	45.1	99.4
6 (87.0)	530	54.0	119.1

¹The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.





Technical Data Sheet

Herbie® Clip Medium Air Tool

Suitable For: Herbie® Clip Size E to M and Plastic Snap Fit Hose Clamps

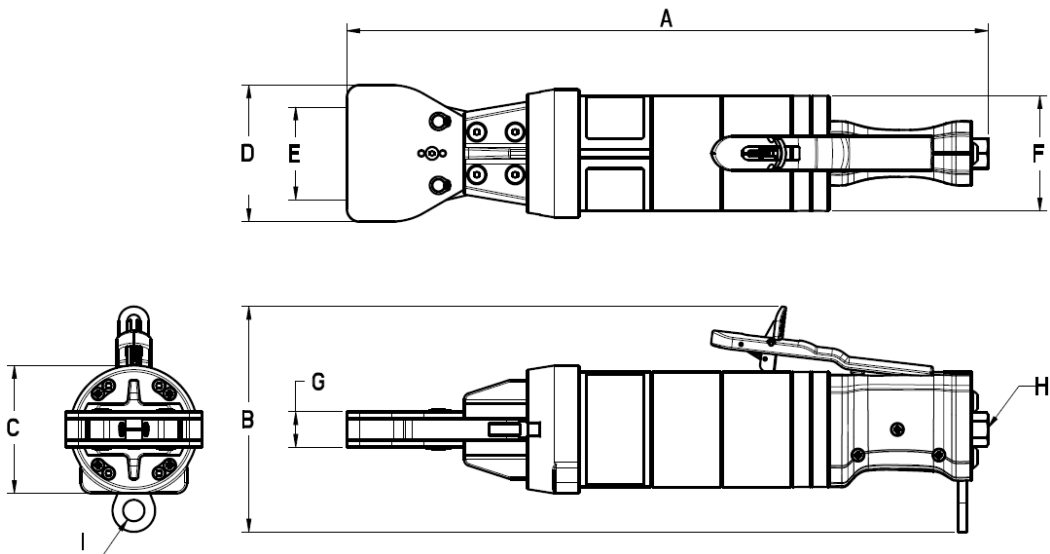
Part No. PHCT-J06-B02-H02



Description

Pneumatic fitting tool to tighten Herbie® Clip hose clamps from size E to M and general plastic snap fit hose clamps with a jaw width closing range defined in the table below. Tool comes with TPU protective bumper, 2 power modules and counterbalance hook. Closing force can be set by adjusting the incoming air pressure.

Outline Dimensions (General Tolerance $\pm 2\text{mm}$)



General Properties		
Property	Value	Unit
Herbie Clip Sizes	E to M	-
Weight	1.00 (2.20) $\pm 2\%$	kg (lb)
(A) Length	301 (11.85)	mm (inch)
(B) Height	106 (4.17)	mm (inch)
(C) Width	60 (2.36)	mm (inch)

General Properties Continued

Property	Value	Unit
(D) Jaw Width	64 (2.52)	mm (inch)
(E) Jaw Closing Range	13 (0.51) to 43 (1.69)	mm (inch)
(F) Body Diameter	54 (2.13)	mm (inch)
(G) Jaw Height	17 (0.67)	mm (inch)
(H) Air Inlet Thread Size	1/8"	Inch BSP
(I) Lanyard Hole Diameter	10 (0.39)	mm (inch)

Mechanical

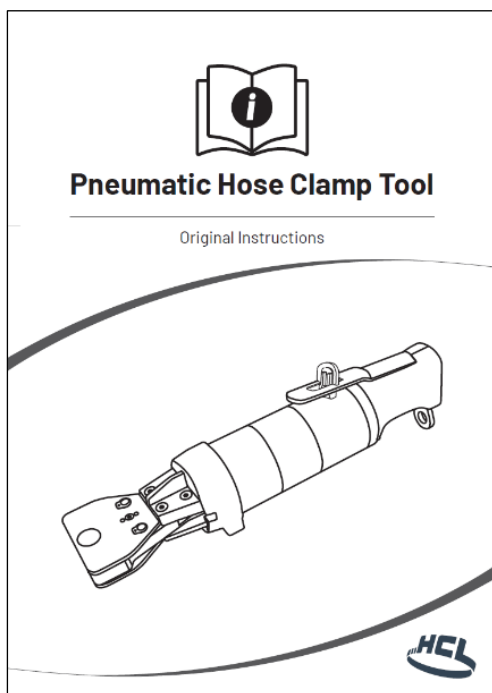
Jaw Closing Force

Pressure ¹ Bar (psi)	Max Force ²		
	N	Kgf	Lbf
2 (29.0)	195	20	44
3 (43.5)	327	33	74
4 (58.0)	454	46	102
5 (72.5)	577	59	130
6 (87.0)	718	73	162

¹ The closure force is dependent on suitable compressed air supply flow rate >50L/min

² Force measured using a 50KN calibrated Zwick Tensometer

Further Operating Details, including tool setup, and maintenance can be found in the original Instructions supplied with the tool. Please refer to HCL for spare parts and repair.



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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: hed@nt-rt.ru || сайт: <https://hcl.nt-rt.ru/>