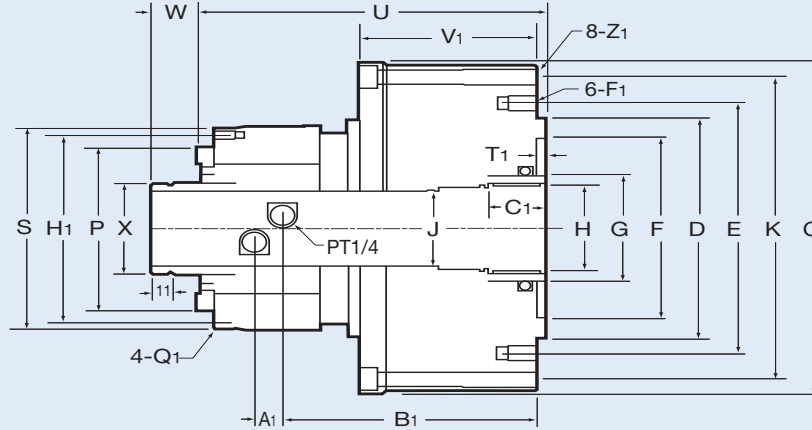




Atlas Workholding Thru-Hole Air Cylinder

- ⊕ Ideal for machines with no hydraulic system
- ⊕ Thru-hole
- ⊕ High speed
- ⊕ Safety check valve if line pressure is intruded
- ⊕ Low cost



Cylinders

	Model No.		ATL846-D	ATL636	ATL636PFE*
A1		mm/in	15/0.59	13/0.51	13/0.51
B1		mm/in	133/5.24	82/3.23	82/3.23
C		mm/in	203/7.99	162/6.38	162/6.38
C1		mm/in	30/1.18	25/0.98	25/0.98
D		mm/in	130/5.12	115/4.53	115/4.53
E		mm/in	150/5.61	100/3.94	100/3.94
F		mm/in	30/1.18	30/1.18	30/1.18
F1		mm/in	110/4.33	65/2.56	65/2.56
G			M10	M10	M10
H		mm/in	65/2.56	55/2.17	55/2.17
H1			M55 x P2.0	M55 x P2.0	M55 x P2.0
J	Through Hole	mm/in	46/1.81	36/1.42	36/1.42
K		mm/in	186/7.32	147/5.79	147/5.79
P		mm/in	100/3.94	87/3.43	87/3.43
Q1			M5	M5	M5
S		mm/in	123/4.84	105/4.13	105/4.13
T1		mm/in	4/0.16	4/0.16	4/0.16
U		mm/in	183/7.20	123/4.84	123/4.84
V1		mm/in	93/3.66	58/2.28	58/2.28
W		mm/in	9-24/0.35-0.94	14-21/0.55-0.83	19-21/0.75-0.33
X			M55 x P1.5	M45 x P1.5	M45 x P1.5
Z1			M8	M6	M6
	Piston area - push slide	cm ² /sq.in.	389/60	130/20	130/20
	Piston area - pull slide	cm ² /sq.in.	378/58	123/19	123/19
	Operation pressure	cm ² /psi	2-9/28-128	2-9/28-128	2-9/28-128
	Piston stroke	mm/in	15/0.59	12/0.47	12/0.47
	Axial push force @ 7kg/cm ² (100psi)	kgf/lbs	2300/5060	820/1804	600/1323
	Axial pull force @ 7kg/cm ² (100psi)	kgf/lbs	2250/4950	775/1705	935/2075
	Weight	kgs/lbs	14.5/31.9	7.2/15.8	7.2/15.8
	Operating rpm		4500	5500	5500
	Maximum rpm**		5500	6500	6500

*Pull force enhance model **Requires well cleaned, dehydrated, and oil mist lubrication input air stream.