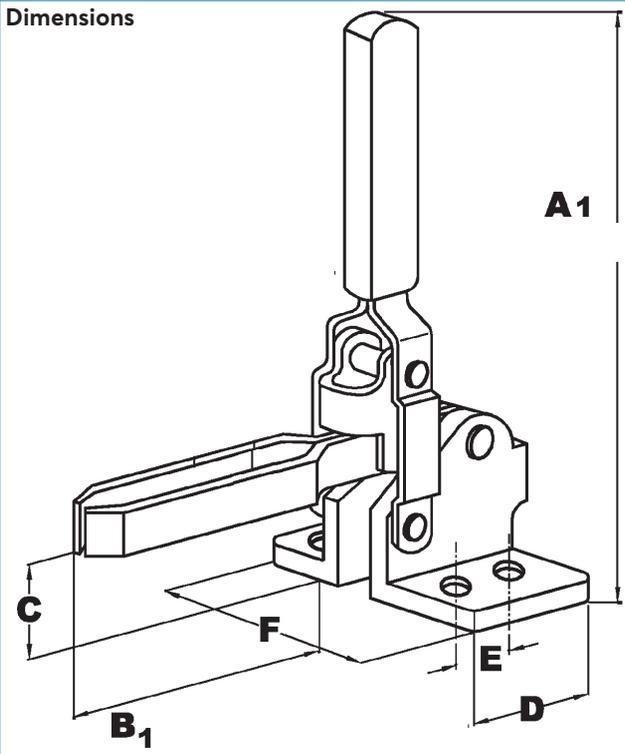
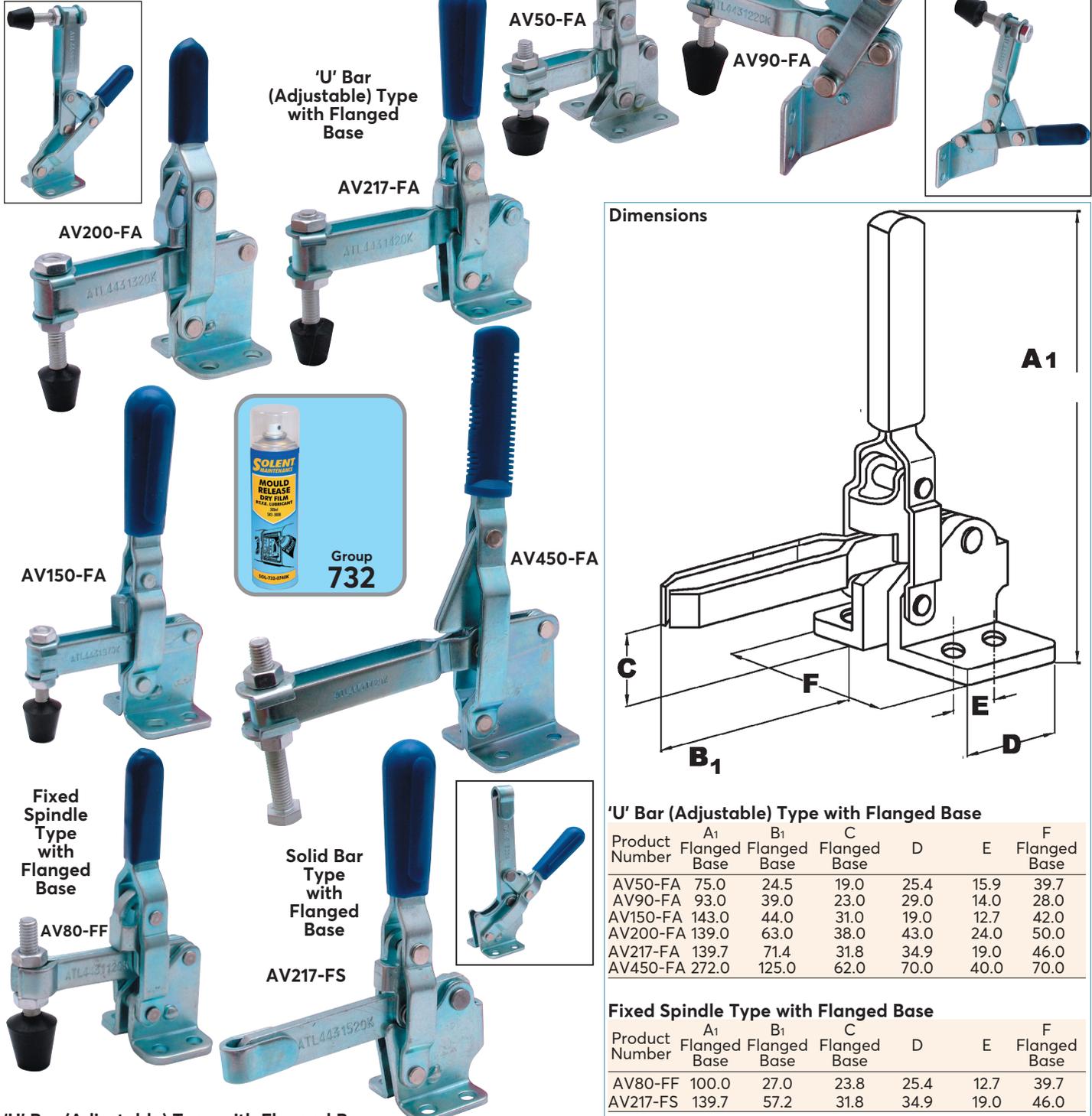


## ATLAS WORKHOLDERS Vertical Industrial Toggle Clamp

Designed to improve performance in fabrication and engineering clamping applications. The rapid clamping/unclamping made possible by the use of toggle clamps can greatly reduce machine/operator 'down-time' during all stages of production.



**'U' Bar (Adjustable) Type with Flanged Base**

Product Number	A1 Flanged Base	B1 Flanged Base	C Flanged Base	D	E	F Flanged Base
AV50-FA	75.0	24.5	19.0	25.4	15.9	39.7
AV90-FA	93.0	39.0	23.0	29.0	14.0	28.0
AV150-FA	143.0	44.0	31.0	19.0	12.7	42.0
AV200-FA	139.0	63.0	38.0	43.0	24.0	50.0
AV217-FA	139.7	71.4	31.8	34.9	19.0	46.0
AV450-FA	272.0	125.0	62.0	70.0	40.0	70.0

**Fixed Spindle Type with Flanged Base**

Product Number	A1 Flanged Base	B1 Flanged Base	C Flanged Base	D	E	F Flanged Base
AV80-FF	100.0	27.0	23.8	25.4	12.7	39.7
AV217-FS	139.7	57.2	31.8	34.9	19.0	46.0

**'U' Bar (Adjustable) Type with Flanged Base**

Product Number	Holding Capacity	Movement Handle	Bar	Base Type	Supplied With	Weight each	Order Code ATL-443	Price/1 THB
AV50-FA	50kg	56°	100°	Flanged	Tipped Spindle (M5) and Flanged Washers	60g	-1020K	431.00
AV90-FA**	90kg	60°	100°		Spindle (M6) and Bolt Retainer	115g	-1220K	851.00
AV150-FA	150kg	70°	108°		Hex Head Spindle (M6) Moulded PVC Handle	230g	-1970K	819.00
AV200-FA	200kg	45°	94°		Hex Head Spindle (M8) and Flanged Washers	370g	-1320K	977.00
AV217-FA	217kg	60°	100°		Tipped Spindle (M8) and Flanged Washers	310g	-1420K	788.00
AV450-FA	450kg	70°	135°		Hex Head Spindle (M12) and Flanged Washers	1220g	-1720K	1701.00

\*\* Model AV90-FA has Side Flange - All other FA models listed have Flat Flanges

**Fixed Spindle Type with Flanged Base**

Product Number	Holding Capacity	Movement Handle	Bar	Base Type	Supplied With	Weight each	Order Code ATL-443	Price/1 THB
AV80-FF	90kg	60°	100°	Flanged	Fixed Spindle (M8)	170g	-1120K	851.00
AV217-FS	217kg	60°	100°		Solid Bar and Bolt Retainer (M8)*	310g	-1520K	872.00

\*Please note that the bolt retainer supplied needs to be welded in to position by the user