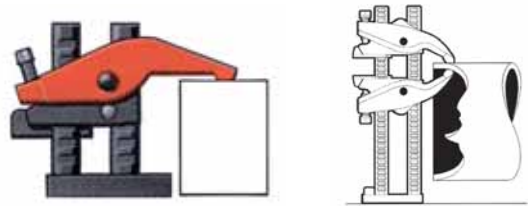


DAWN / CARVER T-SLOT CLAMPS

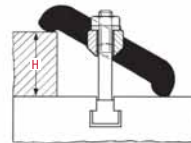
These patented clamps, designed with a single-unit clamp head and base, apply 100% of the screw force directly onto the workpiece. They also reduce setup times by up to 80%, since clamping height is adjusted simply by loosening the adjusting screw, releasing the safety catch, and lifting the clamp head. These clamps can be used at any angle. Holds work securely on many machines including planers, millers, lathes, power presses, drills etc.

	Model No.	Part No.	Clamping Force (daN)	Clamping Height Range (mm)	Weight (kg)	Reach (mm)	Fixing Bolt Diam. (mm)
Standard Duty	T400 - 100	301213	2270	25 - 100	2.3	19 or 35 (with base reversed)	M12
	T400 - 150	301227	2270	25 - 150	2.5		
	T400 - 200	301228	2270	62 - 200	2.6		
Standard Duty Long Reach	T600 - 100	301214	1600	12 - 100	2.7	57 or 73 (with base reversed)	M12
	T600 - 150	301215	1600	12 - 150	2.9		
	T600 - 200	301216	1600	50 - 200	3.0		
Heavy Duty	T402 - 150	301217	3630	0 - 150	6.3	44 or 66 (with base reversed)	M16
	T402 - 300	301218	3630	0 - 300	8.0		
	T402 - 450	301219	3630	150 - 450	8.8		
	T402 - 600	301220	3630	300 - 600	10.0		
	T402 - 750	301221	3630	450 - 750	11.7		
	T402 - 900	301222	3630	600 - 900	13.0		
	T402 - 1050	301223	3630	750 - 1050	14.5		
	T402 - 1200	301224	3630	900 - 1200	15.7		
	T402 - 1350	301225	3630	1050 - 1350	16.7		
Heavy Duty Long Reach	T602 - 150	301229	2500	0 - 150	7.3	95 or 117 (with base reversed)	M16
	T602 - 300	301230	2500	0 - 300	9.0		
	T602 - 450	301231	2500	150 - 450	9.8		
	T602 - 600	301232	2500	300 - 600	11.0		
	T602 - 750	301233	2500	450 - 750	12.7		
	T602 - 900	301234	2500	600 - 900	14.0		
	T602 - 1050	301235	2500	750 - 1050	15.5		
	T602 - 1200	301236	2500	900 - 1200	16.7		
	T602 - 1350	301237	2500	1050 - 1350	17.7		
T602 - 1500	301238	2500	1200 - 1500	19.5			



DAWN / CARVER BUTTRESS CLAMPS

The Dawn/Carver Buttress-Style clamps are ideal for holding thin or low-profile workpieces up to 75mm thick. The clamps feature a self-aligning swivelling pivot which allows the tightening bolt to always remain vertical, preventing any side forces. H-shaped head's 4 point contact resists tendency for workpiece to rotate. Ideally suited for power presses and manual die clamping. Eliminates the need for step or riser blocks.



Working Height (H)
Note that the bolt is always straight because of the swivelling pivot. Ranges from 0-75mm depending on model.

	Model No.	Part No.	Clamping Force (daN)	Working Height (mm)	Fixing Bolt Diam. (mm)	Clamp Weight (kg)
Standard Duty	T614 - 0	301160	1300	45	M12	0.6
Medium Duty	T614 - 1	301161	6250	57	M16 or M20	2.7
Heavy Duty	T614 - 2	301162	8000	75	M24	4.3



DAWN / CARVER MACHINE VICES (EDGE GRIP CLAMPS)

Heavy duty vices enable the full length of machine bed to be used. Operates in two planes: horizontal-jaws tighten on work, vertical-jaw brings work firmly down onto machine table. Low-profile gives maximum cutter access. Rotatable fixing bosses allow 360° movement for accurate alignment. Easily adjusted with two hex keys. Ideal for milling, planing and grinding operations that can't be handled by ordinary machine vices.

	Model No.	Part No.	Horizontal Clamping Force daN	Downward Force daN	Jaw Height (mm)	Fixing Bolts (mm)	Weight (kg)
Low Profile	T500	301150	2250	900	27	M12	3.8
Heavy Duty	T550	301153	4500	1800	70	M16 or M20	24.0



Model T550 Heavy-Duty



Select maximum bolt size to suit T-Slots on machine.



Tighten bolts on fixed head.



Unscrew traversing nut on moving head to allow jaw assembly to be moved forward.



Tighten anchor bolts on moving head.



Tighten traversing nut to exert horizontal force against workpiece.



Tighten bolts on jaws to apply vertical pull-down to machine bed.