


DAWN / CARVER RACK CLAMPS


These clamps, which consist of a frame and movable jaw, are sturdier than other "G"-clamp designs. Made from high-tensile, heat-treated steel. They hold work securely by two jaws, not a single jaw and a screw. Spring loaded jaw stays in position when pressure is removed. Jaw tilts to securely clamp angled surfaces. Tightening screw is shielded and positioned away from the work for protection from weld spatter and debris. For added versatility, the clamps can be used for spreading or locating, as well as for squeezing.

	Model No.	Part No.	Clamping Force (daN)	Jaw Opening (mm)	Throat Depth (mm)	Overall Length (mm)	Weight (kg)
Standard Duty	T186 -150	301003	1130	150	60	245	1.4
	T186 -300	301005	1130	300	60	395	1.8
	T186 -500	301009	1130	500	60	640	2.5
	T186 -750	301012	1130	750	60	890	3.2
Standard Duty Long Reach	T321 - 250	301101	565	250	120	360	2.0
	T321 - 600	301313	565	600	120	715	3.5
Medium Duty	T290 - 225	301046	1800	225	90	420	5.5
	T290 - 450	301049	1800	450	90	655	7.0
	T290 - 750	301052	1800	750	90	959	8.5
Medium Duty Long Reach	T290 - 1000	301055	1800	1000	90	1216	10.5
	T285 - 225	301035	900	225	200	420	7.1
	T285 - 450	301037	900	450	200	655	8.5
	T285 - 750	301039	900	750	200	959	10.0
Heavy Duty	T285 - 1000	301055	900	1000	200	1216	11.5
	T257 - 150	301172	2700	150	115	403	9.8
	T257 - 300	301173	2700	300	115	555	10.9
	T257 - 450	301174	2700	450	115	710	12.2
	T257 - 600	301175	2700	600	115	850	13.1
	T257 - 900	301176	2700	900	115	1165	15.8
	T257 - 1350	301177	2700	1350	115	1615	19.1







No obstruction from long screw.
Ideal for structural steel fabrication.




Unaffected by weld spatter.
Screw is shielded and out of work area.




Holds rounds to flats.
Limited movement of moveable jaw pad and grooved face ensure positive grip on round objects.




Will operate in reverse.
Jaw may be reversed to give spreading action.




1. Loosen Screw



2. Push In Jaw Base



3. Slide Jaw Up or Down

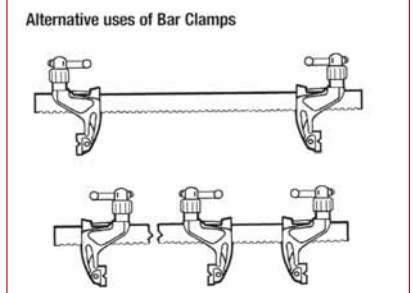


4. Tighten Screw

DAWN / CARVER BAR CLAMPS

These rugged clamps, has the same features and benefits of the rack clamps and are designed for all types of applications requiring large holding capacities and jaw width. Highly versatile - jaws can be reversed to provide spreading action, or several jaws can be used on a single bar both for fixturing and positive component location and clamping. In addition, standard and medium-duty connectors are available to couple like bars together for increased clamping reaches.

	Model No.	Part No.	Clamping Force (daN)	Jaw Opening (mm)	Throat Depth (mm)	Overall Length (mm)	Weight (kg)
Standard Duty	T186 - 600	301179	1130	600	60	710	3.4
	T186 - 900	301180	1130	900	60	1020	4.4
	T186 - 1500	301182	1130	1500	60	1625	5.8
	T186 - 2100	301184	1130	2100	60	2235	7.6
	T186 - 2400	301185	1130	2400	60	2540	8.8
Standard Duty Long Reach	T321 - 600	301187	565	600	120	710	3.5
	T321 - 900	301188	565	900	120	1020	4.5
	T321 - 1500	301190	565	1500	120	1625	5.9
	T321 - 2100	301192	565	2100	120	2235	7.7
Medium Duty	T290 - 2400	301193	565	2400	120	2540	8.9
	T290 - 900	301195	1800	900	90	1070	10.5
	T290 - 1200	301196	1800	1200	90	1390	12.1
	T290 - 1500	301197	1800	1500	90	1690	14.0
Medium Duty Long Reach	T290 - 2100	301199	1800	2100	90	2290	18.0
	T285 - 900	301203	900	900	200	1070	11.5
	T285 - 1200	301204	900	1200	200	1390	13.0
	T285 - 1500	301205	900	1500	200	1690	15.0
Heavy Duty	T285 - 2100	301207	900	2100	200	2290	19.0
	T257 - 2100	301210	2700	2100	115	2335	27.2
	T257 - 2700	301212	2700	2700	115	2945	32.0



Optional Extras: T186 Connector for Standard Duty & T285 Connector for Medium Duty Clamps