

# CLAMPING TOOLS

## Get A Better Hold On Your Project

Over a decade ago, we introduced the convenient QUICK-GRIP® One-Handed Bar Clamp to the world and reinvented the process of clamping. Today, this innovation is still a top choice for a wide range of uses. Whatever the dimensions of your project or the materials used, IRWIN® Industrial Tools has the clamping tools to help you achieve professional results faster and easier. The following table provides a quick guide for determining the types of clamps to use on common projects, plus the holding force\* each one provides. As an innovator in the clamping category, IRWIN is proud to offer a complete line of clamping tools to meet every need.

### Clamping Tools Quick Reference

Clamps & Specs												
Holding Force:	20 - 65 lbs	30 - 60 lbs	400 - 1600 lbs	1000 - 1200 lbs	1000 lbs	1150 lbs	40 lbs	140 lbs	150 lbs	550 lbs	1150 lbs	N/A
Clamp Capacity:	1" - 3"	1 1/2" - 4"	1" - 8"	Based on pipe length	6" - 36"	12" - 30"	4"	6" - 12"	6" - 50"	6" - 50"	26" - 50" w/ stop off	N/A
Throat Depth:	1" - 3"	1 1/2" - 4"	1 3/8" - 4 1/2"	1 1/2" - 1 7/8"	3 1/2"	4 1/2"	1 3/16"	2 7/16"	3 3/4"	3 3/4"	3 3/4"	N/A
Light Clamping, Crafts	GOOD	BETTER	GOOD				BEST	BEST	BEST			
Flat panel & solid wood edge glue up				BEST	BETTER	BETTER				GOOD	BEST	
Deep reach clamps, Furniture wood gluing						BEST					GOOD	BETTER
Heavy Duty Holding			BETTER		BETTER	BETTER		GOOD	GOOD	BEST		
Metal working, High localized pressure			BEST	GOOD	BETTER	BETTER						
Corner joining, Multiple surface clamping												BEST
Irregular clamping surfaces												BEST

\*refers to sustained holding force

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**QUICK-GRIP® Bar Clamps, Heavy Duty**



223212

- Ergonomic ProTouch™ handle allows higher clamping pressure
- I-beam bar reduces flexing and bowing
- Non marring pads protect the workpiece

**QUICK-GRIP Bar Clamps, Medium Duty**



223112

- ProTouch handle for an ergonomic grip
- I-beam bar reduces flexing and bowing
- Clutch lock for easy movement along bar
- Non marring pads protect the workpiece

**NEW QUICK-GRIP Parallel Jaw Clamps**



2024100

- Deep 3-3/4 inch jaw depth for optimized pressure distribution
- Secure locking system prevents jaws from slipping
- ProTouch handle for an ergonomic grip
- Body and jaws made of quality resin to prevent marring and glue adhesion
- Up to 1150 lbs of pressure
- Removal of end foot allows for quick conversion to a spreader

**QUICK-GRIP C-Clamps**



225104

- Double-rolled thread provides greater clamping speed
- Large swivel pad reduces marring on work surface and increases stability
- Large handle for greater clamping pressure with less effort

**QUICK-GRIP Pipe Clamps**



224134

- Innovative clutch system eliminates the need for threaded pipe
- Large feet offer more stability
- Greater clearance between handle and worktop
- Large clutch plates allow for easier release

Description	Clamping Capacity	Spreading Capacity	Throat Depth	Pipe Size	Stock #
Bar Clamps, Heavy Duty	12" (30 cm)	–	4-7/8" (12 cm)	–	223212
	18" (45 cm)	–	4-7/8" (12 cm)	–	223218
	24" (60 cm)	–	4-7/8" (12 cm)	–	223224
	32" (75 cm)	–	4-7/8" (12 cm)	–	223230
Bar Clamps, Medium Duty	6" (15 cm)	–	3-1/8" (76 mm)	–	223106
	12" (30 cm)	–	3-1/8" (76 mm)	–	223112
	18" (45 cm)	–	3-1/8" (76 mm)	–	223118
	24" (60 cm)	–	3-1/8" (76 mm)	–	223124
	30" (65 cm)	–	3-1/8" (76 mm)	–	223130
	36" (91 cm)	–	3-1/8" (76 mm)	–	223136
	C-Clamps	1" (25 mm)	–	1-3/16" (30 mm)	–
2" (50 mm)		–	1-5/16" (33 mm)	–	225102
3" (75 mm)		–	2-1/4" (51 mm)	–	225103
4" (10 cm)		–	3" (75 mm)	–	225104
5" (12-1/2 cm)		–	3-1/4" (81 mm)	–	225105
6" (15 cm)		–	3-1/2" (87 mm)	–	225106
8" (20 cm)		–	4" (10 cm)	–	225108
2" (50 mm) Deep		–	3-1/2" (87 mm)	–	225123
3" (75 mm) Deep		–	4-1/2" (12 cm)	–	225134
1-1/2" (37 mm)		–	1-1/2" (37 mm)	–	2025101
2-1/2" (95 mm)		–	1-3/8" (33 mm)	–	2025102
2-1/2" (95 mm)		–	2-1/2" (95 mm)	–	2025103
Pipe Clamps		–	Based on pipe length	1-1/2" (37 mm)	3/4" (19 mm)
	1-1/2" (37 mm)	Based on pipe length	1-7/8" (47 mm)	1/2" (12 mm)	224212
	–	N/A	2-1/2" (95 mm)	3/4" (19 mm)	2024100
Parallel Jaw Clamps	24" (60 cm)/ 26" w/o stop	10-1/2" - 31" (26 cm-78 cm)	3-3/4" (95 mm)	–	2026500
	48" (121 cm)/ 50" w/o stop	11-1/2" - 55" (26 cm-140 cm)	3-3/4" (95 mm)	–	2026501

**NEW**