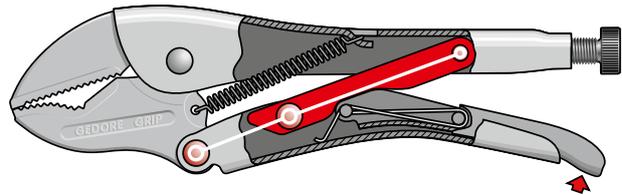
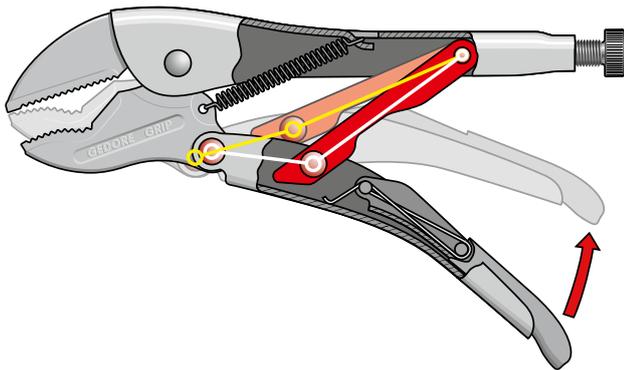


## Grip Wrenches

# THE TOGGLE LEVER - A GIANT AMONG THE JOINTS

- > Similar in construction to the human leg and consisting of hip, knee and ankle joints
- > The knee joint's intelligent power management is its unbeatable advantage:
- > Clever utilization of the physical lever laws \*)
- > Rapid and powerful even with a reduced operating force
- > Ideal for optimum pressure and clamping operations

- > Maximum pressing/clamping force with knee lever extended – even with automatic locking effect i.e. self-clamping effect (e.g. with grip pliers) relieved by operating the releasing lever
- > Constant high quality of work



Self-clamping effect – can only be cancelled by operating the releasing lever!

\*) Considerable paths are rapidly bridged involving little hand power. Just before "stretching", a short path is covered with an exceptional lever force. That is why it is used everywhere where considerable paths need to be initially covered without any noticeable force used and where the real "work" needs to be done over the last few millimetres. This is the case, for instance, with bolt cutters and crimping/grip pliers.

## 137 GRIP WRENCH

- > With adjusting screw and release lever, model 137 10 with blue dip-insulated lever
- > Forged, tempered jaws and special jaw shape for secure gripping, clamping and holding
- > GEDORE vanadium steel 31CrV3, nickel-plated
- > Jaw body in high-tensile sheet steel
- > Automatically welded upper jaw - absolutely firm connection with the sheet steel body

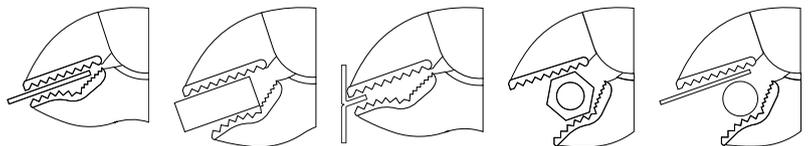
- > Well-conceived jaw design guarantees a three-point contact with all material cross-sections
- > Threaded bore welded at bottom
- > No widening under most extreme loading
- > Safe release
- > Release lever under constant pressure of special spring



137



137 10



↳ mm ↵	↳ "inch ↵	mm ↵	"inch ↵	↵ kg	Code	No.
185	7	25	1	0.288	6406620	137 7
230	10	32	1.1/4	0.526	6406700	137 10
260	11	45	1.3/4	0.790	6407270	137 11
300	12	45	1.3/4	1.042	6406890	137 12

1500 ES-137



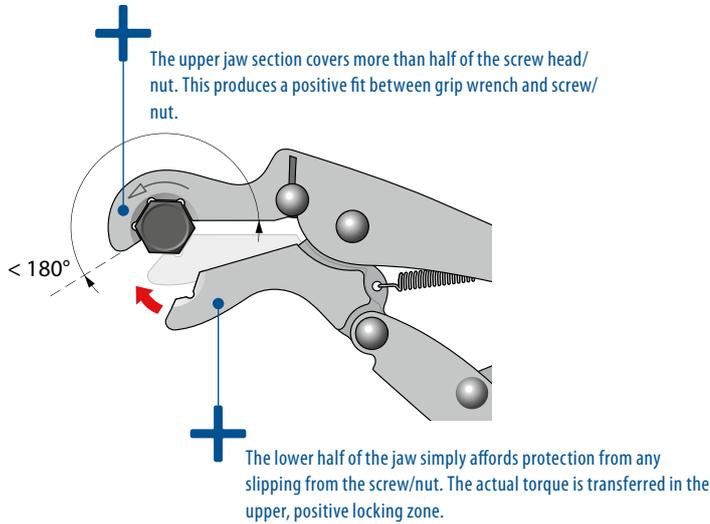
>103



# 137 GRIP WRENCH

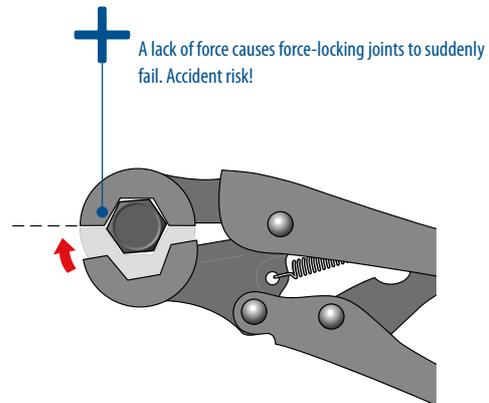
The difference comes from the special profile and shape.

› Positive fit joint to the screw/nut is down to the special design of the plier jaw\*



## GEDORE

- › Off-centre hexagonal division
- › positive fit



## COMPETING COMPANY

- › Centre hexagonal division
- › force locking

\* Positive fit joints are not suddenly released. They need, in fact, to change their geometric form; a visible change in form quasi announces their failure.



## A GEDORE SAFETY "EXTRA"

# 137 GRIP WRENCH

- › For working in confined spaces
- › For worn bolted connections which otherwise could only be opened with extreme difficulty

- › Problem-solver for vehicles and industrial purposes
- › Particularly suitable for brake lines, adjustment of track rods, etc.



Ø mm	Ø AF	l< mm >l		Code	No.
10		190	0.324	2325314	137 7-10
11	7/16	190	0.321	2325322	137 7-11
12		195	0.329	2325330	137 7-12
13		195	0.326	2325349	137 7-13
14		198	0.343	2325357	137 7-14
15	19/32	198	0.346	2325365	137 7-15
16	5/8	250	0.591	2325373	137 10-16
17		250	0.587	2325381	137 10-17

Ø mm	Ø AF	l< mm >l		Code	No.
18		255	0.607	2325403	137 10-18
19	3/4	255	0.600	2325411	137 10-19
20	25/32	258	0.623	2325438	137 10-20
21		258	0.620	2325446	137 10-21
22		260	0.630	2325454	137 10-22
24		253	0.642	2788349	137 10-24
27		258	0.645	2788357	137 10-27

## 139 SPECIAL GRIP WRENCH

- > With movable lower jaw for clamping over a large area
- > Release lever blue dip-insulated
- > Nickel-plated



mm	inch	mm	inch	kg	Code	No.
250	10	45	1.3/4	0.577	6407940	139

## 137 KR GRIP WRENCH, LONG JAWS

- > With narrow jaws
- > For working in confined spaces
- > For clamping air and brake lines up to Ø 10 mm, copper lines Ø 12 mm
- > Nickel-plated



mm	kg	Code	No.
210	0.292	1954113	137 KR-7
255	0.540	1868039	137 KR-10

## 137 P PARALLEL JAW GRIP WRENCH

- > With parallel jaws
- > Opening: 50 mm
- > With adjustment screw
- > Release lever under constant pressure of special spring
- > Body from sheet steel
- > Nickel-plated



mm	inch	mm	inch	kg	Code	No.
250	10	50	2	0.701	6407000	137 P

## 137 MSP MACHINE WORKBENCH CLAMP

- > For fast, secure clamping of a variety of workpieces
- > Suitable for tenon blocks threaded M8, M10 or M12
- > GEDORE special vanadium steel, nickel-plated
- > Release lever blue dip-insulated
- > Tenon block not included



mm	inch	mm	inch	kg	Code	No.
280	11	100	4	0.790	6408080	137 MSP

## 136 BM WIDE JAW GRIP WRENCH

- > For clamping edges and surfaces
- > 80 mm jaw width
- > Nickel-plated



mm	inch	mm	inch	kg	Code	No.
200	8	30	1.1/4	0.416	6406030	136 BM

## 137 T GRIP WRENCH FOR GLUEING

- > For clamping lengthwise or corner joints of extremely long bases and surrounds, lintels, banisters and frames, arched windows, worktops, corner benches, etc.
- > Release lever blue dip-insulated
- > Nickel-plated
- > The workpieces to be glued are placed

together, with the grip open, the drill holes for the clamping pins are marked, and 9 - 10 mm Ø holes drilled. Glue is applied, the wrench pushed into the holes, the pieces aligned and the clamping lever closed - the work is finished



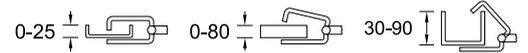
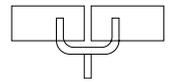
mm	inch	mm	inch	kg	Code	No.
220	9	30-60	1.1/4-2.1/2	0.494	6403600	137 T



# 138 WELDER'S GRIP WRENCH

- > For clamping strips and profile sections when welding
- > Cast steel jaws

- > Nickel-plated
- > Release lever blue dip-insulated

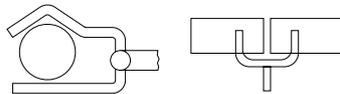


mm	inch	kg	Code	No.
280	11	0.960	6407350	138

# 138 X WELDER'S GRIP WRENCH FOR TUBES

- > For clamping tubes and round stock when welding
- > Cast steel jaws

- > Nickel-plated
- > Release lever blue dip-insulated



mm	inch	mm	inch	kg	Code	No.
280	11	10-90	3/8-3.1/2	0.967	6407510	138 X

# 138 Y PROFILE-SECTION GRIP WRENCH

- > For clamping bulky profile and angle sections
- > Strong forged jaws

- > GEDORE special chrome-vanadium steel, nickel-plated
- > Release lever blue dip-insulated



mm	inch	mm	inch	mm	inch	kg	Code	No.
280	11	95	3.3/4	75	3	0.763	6407860	138 Y

# 138 Z PROFILE-SECTION GRIP WRENCH

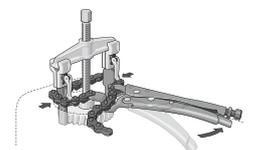
- > For clamping extremely bulky profile sections
- > Jaws made from forged and welded GEDORE special chrome-vanadium steel
- > Particularly great clamping depth
- > Nickel-plated
- > Release lever blue dip-insulated



mm	inch	mm	inch	mm	inch	kg	Code	No.
460	18	280	11	250	10	1.164	6410730	138 Z-460
600	24	400	16	400	16	1.428	6410810	138 Z-600

# 136 K CHAIN GRIP WRENCH

- > Particularly suited for clamping geometrically problematical cross-sections
- > With No. 136 K-105 the legs of various pullers - following locking - can be spanned with the chain at the component to be extracted and tightened. This stops the legs bending outwards and slipping. Pulling is still possible even if the legs have a very restricted contact surface



max. Ø	mm	kg	Code	No.
330	1050	1.5	2307227	136 K-105