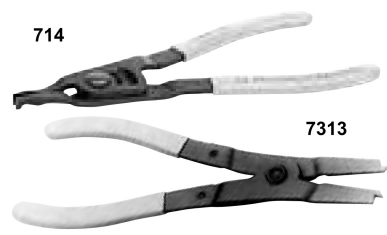


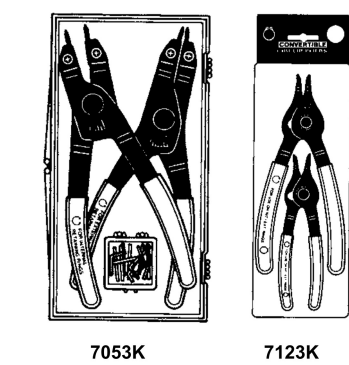
**HORSESHOE LOCK RING PLIER**



For removing horseshoe lock rings used on hydraulic brakes, differentials, etc. Plier is 203 mm long; max. spread: 23,8 mm

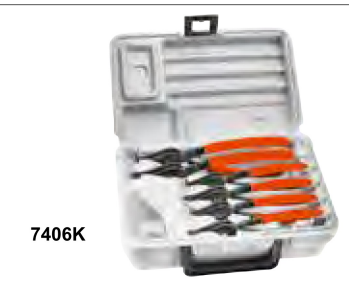
Order No.	Description
714	Horseshoe lock ring plier. Wt., 0,2 kg.
7313	External snap ring plier easily removes snap rings used to retain bearings on shafts. Max. spread: 27 mm.

**RETAINING RING PLIER KITS**



Choose from four sets; internal ring, external ring and convertible pliers for either internal or external rings.

Order No.	Description
7053K	Replaceable tip pliers kit. This versatile kit contains (1) internal and (1) external pliers with (8) tip sets. Two sets each: 0,9 mm dia. 90° bend, 1,2 mm dia. straight, 1,2 mm dia. 90° bend, 1,8 mm dia. straight. Recommended for 6,4 - 51 mm rings. Packaged in plastic storage case. Wt., 0,4 kg.
15702	Replaceable tip kit (only) for 7053K.
7123K	Convertible pliers kit. Contains 1120 (1 mm dia./straight tip) and No. 1340 (1,8 mm dia./straight tip). Each pliers "converts" to handle both internal and external rings. Packaged in a reusable plastic storage case. Wt., 0,4 kg.
7125K	Convertible pliers kit. Contains 1125 (.038" dia./45° bent tip) and No. 1345 (.070" dia./45° bent tip). Each pliers "converts" to handle both internal and external rings. Packaged in a reusable plastic storage case. Wt., 0,4 kg.



Order No.	Description
7406K	Professional pliers kit. Contains (6) retaining convertible pliers to handle both internal and external rings from 6,4 - 51 mm. Includes straight and 90° off-set pliers with 1, .12, and 1,8 mm tip diameters. Includes Nos. 1120, 1131, 1320, 1329, 1340 and 1349. Packaged in an impact resistant storage case. Wt., 0,9 kg.

**REPLACEMENT TIPS FOR 7300 AND 7301 PLIERS**

Order No.	Description
209201	Replacement tips (pr.) for the 7300 and 7301 pliers. Wt., 0,1 kg. Fed. Spec.:GGG-P-480

**RETAINING RING PLIERS SELECTION GUIDE**

Order No.	Type of Pliers	Tip Bend	Tip Size Dia. (mm)	For Internal Rings † Bore Dia. (mm)	For External Rings † Shaft Dia. (mm)	Order No.	Type of Pliers	Tip Bend	Tip Size Dia. (mm)	For Internal Rings † Bore Dia. (mm)	For External Rings † Shaft Dia. (mm)
0100	Internal	Str.	1	9,5 - 26	—	1120	Convertible	Str.	1	9,5 - 14	6,4 - 17
0200	External	Str.	1	—	6,4 - 22	1125*	Convertible	45°	1	9,5 - 14	6,4 - 17
0300	Internal	Str.	1,8	27 - 44,5	—	1131**	Convertible	90°	1	9,5 - 14	6,4 - 17
0400	External	Str.	1,8	—	24 - 36,5	1320	Convertible	Str.	1,2	16 - 26	17 - 22
0500	Internal	Str.	2,3	46 - 89	—	1329	Convertible	90°	1,2	16 - 26	17 - 22
0600	External	Str.	2,9	—	38 - 89	1340	Convertible	Str.	1,8	27 - 44,5	24 - 36,5
7300	Internal	Str.	3	78 - 152	—	1345*	Convertible	45°	1,8	27 - 44,5	24 - 36,5
7301	External	Str.	3	—	38 - 165	1349**	Convertible	90°	1,8	27 - 44,5	24 - 36,5

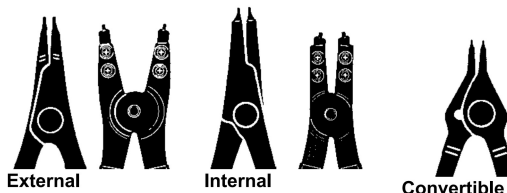
Fed. Spec.:GGG-P-480-E

\* 45° Angled Tips

\*\* 90° Angled Tips

† Capacities are shown for basic style rings.

**CAUTION:** Always wear safety goggles when using pliers





External



Internal

Convertible


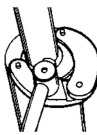
**RATCHETING CHAIN WRENCHES**

	7400	Special head design allows you to turn wrench in either direction. Ratcheting action makes it possible to re-grip without removal. Fits parts of most any size and shape.
	<b>Order No.</b>	<b>Description</b>
	7400	Chain wrench, cap. 12,7 to 121 mm O.D. (Capacity= 450 Nm.) Handle length: 317,5 mm. Wt., 0,9 kg.
	209199	Replacement chain with pin for 7400 chain wrench (406 mm long).
	7401	Chain wrench, cap. 76 to 171 mm O.D. (Capacity= 900 Nm) Handle length: 19.00" Wt., 2,3 kg.
	209200	Replacement chain with pin for 7401 chain wrench (610 mm long).



**PRY BARS**

	7162	Our rolling head pry bars are an extremely popular and useful tool. Head may be used for almost any prying job since a great deal of leverage can be obtained. Long tapered body may be used as a lining-up drift.
	<b>Order No.</b>	<b>Description</b>
	7162	Pry bar; 9,5 mm round, 152 mm long. Wt., 0,1 kg.
	7163	Pry bar; 11,1 mm round, 305 mm long. Wt., 0,3 kg.
	7164	Pry bar; 14,3 mm round, 406 mm long. Wt., 0,5 kgs.
	7165	Pry bar; 19 mm round, 457 mm long. Wt., 1 kg.



**ADJUSTABLE GLAND NUT WRENCH**

	1266	Designed to handle 51 to 152 mm dia. hydraulic cylinder gland nuts on many construction vehicles. Fits 6,4 and 7,9 mm dia. pin holes. Features a 3/4" sq. drive.
	<b>Order No.</b>	<b>Description</b>
	1266	Adjustable gland nut wrench. Wt., 1,4 kg.
	204928	Replacement pin for 1266 (2 required)



**JIMMY BARS**

	7166	Ideal for general lifting or prying. Heat treated chrome alloy steel to resist bending or breaking.
	<b>Order No.</b>	<b>Description</b>
	7166	Jimmy bar; 15,9 mm round, 457 mm long. Wt., 0,6 kg.
	7167	Jimmy bar; 19 mm round, 610 mm long. Wt., 1,1 kg.
	7168	Jimmy bar; 22,2 mm round, 762 mm long. Wt., 1 kg.



**ADJUSTABLE HOOK SPANNER WRENCH**

	885	Needed wherever turret adjusting nuts or packing gland nuts are used. Adjust 38 to 102 mm. Handle overall length: 483 mm.
	<b>Order No.</b>	<b>Description</b>
	885	Adjustable hook spanner wrench. Wt., 1,4 kg.

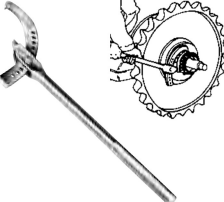
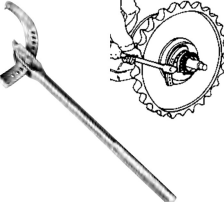
**"MAJOR PERSUADER" JIMMY BARS**

	7420	Two big jimmy bars for big jobs. Forged from chrome alloy steel.
	<b>Order No.</b>	<b>Description</b>
	7420	Jimmy bar; 22,2 mm round, 1168 mm long. Wt., 3,4 kg.
	7421	Jimmy bar; 25,4 mm round, 1372 mm long. Wt., 1,9 kg.

**ADJUSTABLE HOOK SPANNER WRENCH**

	7307	Replace many fixed-size wrenches and cover a range of capacities needed to service industrial tractors and other equipment. Drop-forged jaws adjust to eleven positions for a capacity of 121 to 324 mm O.D. Handle overall length: 610 mm; diameter: 25,4 mm.
	<b>Order No.</b>	<b>Description</b>
	7307	Spanner wrench with one 9,5 mm thick jaw. Wt., 3,3 kg.
	7308	Spanner wrench with two interchangeable jaws: one 9,5 mm thick, one 19 mm thick. Wt., 5 kg.

**HEAVY-DUTY ADJUSTABLE SPANNER**

	7309	Extra heavy construction. Has one 19 mm thick, eleven-position hook-jaw for a capacity of 131 to 324 mm O.D. Drop-forged. Handle length: 654 mm; handle dia.: 33,3 mm.
	<b>Order No.</b>	<b>Description</b>
	7309	Heavy-duty adjustable hook spanner wrench. Wt., 5 kg.

**HTS50 HEAVY-DUTY PIPE SEALANT WITH PTFE**



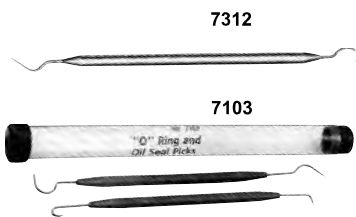
Note: Product labeling may vary from picture.

- Seals new or damaged threads; resists water, chemicals and oils.
- Replaces conventional tape methods; forms a clog-free seal.
- Effective at 700 Bar.

When "plumbing" a hydraulic system, there's now a better answer than tapes which can tear or shred, possibly plugging filters, valves or gauges. This compound combines the lubricating qualities of PTFE with a fast curing anaerobic sealant. Seals all metal fittings, plugs and threaded joints quickly and easily. Cures to form a permanent seal which is inert to hydrocarbons, most acids, chemicals, solvents and steam. Allows adjustment up to 16 hours after assembly; won't loosen under vibration. Prevents galling of mating parts upon disassembly. Withstands temperatures from -54° C to 190° C.

Order No.	Description
HTS50	Sealant, 50 ml. tube. Wt., 0,2 kg.

**O-RING SEAL PICKS**



Even the seemingly simple job of removing and installing O-ring seals can be difficult without the aid of the proper tool. The 7312 is constructed with plastic & steel O-ring seal pick does the job with ease. Two special picks in set 7103 get right to the trouble areas.

Order No.	Description
7312	O-ring seal pick. Wt., 0,1 kg.
7103	Set of two O-ring seal picks. Wt., 0,1 kg.

**UNIVERSAL OUTSIDE THREAD CHASER**



Restore damaged threads on shafts, housings, cages, etc., for re-assembly of matching parts. Eliminates need for thread-cutting equipment. Will not harm threads. V-pads and dies can be replaced. Cap. 32 to 127 mm O.D.

Order No.	Description
7402	Thread chaser, complete (with 6 dies: threads per inch – 4, 5, 6, 7, 7.5, 8, 9, 10, 11, 11.5, 12, 14, 16, 18, 20 and 24). Wt., 0,2 kg
202817	Metric die set (3 dies: mm per thread: 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, and 4). Wt., 0,1 kg.

**MAGNETIC PICK-UP TOOL**



Has permanent magnetic head for retrieving parts from otherwise inaccessible places.

Order No.	Description
7395	Pick-up tool with pocket clip. 152 mm lg. Wt., 0,1 kg.