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97 52

Crimping Pliers also for two-hand operation

- for solder-free electrical connections
- the ingenious lever transmission reduces the handforce up to 30 % compared with regular crimping pliers
- repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
- crimping pressure has been set precisely (calibrated) in the factory, re-adjustable
- two-hand operation for easy crimping of large conductor diameters
- easy handling as a result of well balanced centre of gravity, angled head and ergnomically shaped handles
- Chrome vanadium electric steel in special quality, oil-hardened



97 52 04





97 52 06





97 52 09





97 52 10





First step: move the handle with two fingers only until both jaws touch the connector to be crimped



Second step: now use the whole hand for further crimping procedure



Third step: when greater hand force is required, such as e.g. when crimping insulated connectors 6.0 mm², two-hand operation is possible by the longer handles

Article No.	EAN 4003773-	↔ mm		Pliers	Handles			Applications	Capacity mm²	AWG	Number of crimping positions	⚖ g
97 52 04	025450	250		burnished	with non-slip plastic grips			non-insulated, open plug-type connectors	0.1 - 2.5	27 - 13	4	562
97 52 05	025467	250		burnished	with non-slip plastic grips			non-insulated, open plug-type connectors	0.5 - 6.0	20 - 10	3	572
97 52 06	025474	250		burnished	with non-slip plastic grips			insulated terminals and plug connectors	0.5 - 6.0	20 - 10	3	565
97 52 08	025481	250		burnished	with non-slip plastic grips			End Sleeves (ferrules)	0.25 - 6.0	23 - 10	5	565
97 52 09	025498	250		burnished	with non-slip plastic grips			End Sleeves (ferrules)	10 / 16 / 25	7/ 5/ 3	3	571
97 52 10	023678	250		burnished	with non-slip plastic grips			Coax-, BNC- and TNC-connectors			3	577
97 52 13	048084	250		burnished	with non-slip plastic grips			non-insulated terminals and plug connectors	0.5 - 10.0	20 - 7	4	558
97 52 19	052142	250		burnished	with non-slip plastic grips			End Sleeves (ferrules)	35 + 50	2 + 0	2	567
97 52 23	052159	250		burnished	with non-slip plastic grips			non-insulated terminals and plug connectors	16 + 25	5 + 3	2	565

97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35

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Crimping Pliers short design



97 52 14



- repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
- crimping pressure has been set precisely (calibrated) in the factory, re-adjustable
- optimum transmission of force due to toggle lever action for fatigue-reduced operation
- good handling due to 20° angled head, low weight and short design
- Chrome vanadium electric steel in special quality, oil-hardened



97 52 14
available as accessory: locator for non-insulated open plug-type connectors

Article No.	EAN 4003773-	↔ mm		Pliers	Handles			Applications	Capacity mm²	AWG	Number of crimping positions	⚖ g
97 52 14	026808	195		burnished	with multi-compo-nent grips			non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.10 - 1.5	27 - 16	4	387
97 52 20	026853	195		burnished	with multi-compo-nent grips			Coax-, BNC- and TNC-connectors RG 58/59/62/71/223			3	380
97 59 14	026976	Locator for 97 52 14										

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97 52

KNIPEX PreciForce® Crimping Pliers



97 52 34



97 52 36



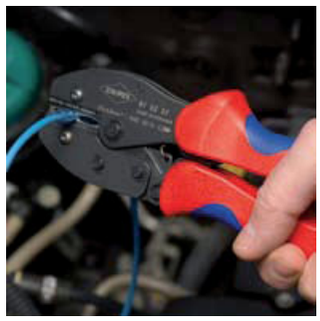
97 52 38

For daily crimping applications, the specialist likes crimping pliers that work precisely and reliably. In addition, they should be light, comfortable to use, robust and reasonably priced: PreciForce®.

- repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
- crimping pressure has been set precisely (calibrated) in the factory, re-adjustable
- high transmission of force thanks to toggle lever action for fatigue-reduced working
- good handling thanks to favourable handle position, low weight, compact design and ergonomically shaped handles
- Chrome vanadium electric steel in special quality, oil-hardened



97 52 36



97 52 37

Article No.	EAN 4003773-	↔ mm		Pliers	Handles			Applications	Capacity mm²	AWG	Number of crimping positions	⚖ g
97 52 30	051855	220		burnished	with multi-component grips			non-insulated butt connectors	1.5 - 4.0 6.0 + 10.0*	15 - 11 10 + 7	3 2	477
97 52 33	051862	220		burnished	with multi-component grips			non-insulated terminals and plug connectors	0.5 - 10.0	20 - 7	4	478
97 52 34	051879	220		burnished	with multi-component grips			non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.1 - 2.5	27 - 13	4	483
97 52 35	051886	220		burnished	with multi-component grips			non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)	0.5 - 6.0	20 - 10	3	494
97 52 36	051893	220		burnished	with multi-component grips			insulated terminals and plug connectors	0.5 - 6.0	20 - 10	3	487
97 52 37	063193	220		burnished	with multi-component grips			heat shrinkeable sleeve connectors	0.5 - 6.0	20 - 10	3	478
97 52 38	051909	220		burnished	with multi-component grips			End Sleeves (ferrules)	0.25 - 6.0	23 - 10	5	493
97 52 50	051916	220		burnished	with multi-component grips			Coax-, BNC- and TNC-connectors for RG 58/174/188/316			6	498

97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35

* compression joints in conformance to DIN 46267

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97
52

Four-Mandrel Crimping Pliers for turned contacts



97 52 63 DG
PATENTED





97 52 64





97 52 65
PATENTED





97 52 65 DG
PATENTED





97 59 65 2

Turned contacts are used for particularly demanding plug-type connections, e.g. in medical industry and aeronautics. Extremely reliable crimping connections can be achieved only with pliers that work with absolute precision and maintain the required crimping depth in the 1/100 mm range.

- for crimping turned contacts
- four-mandrel crimping for top-quality crimping connections
- mandrel gauge to check the basic setting
- repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- optimum transmission of force due to highly effective lever action for fatigue-reduced operation
- high operation comfort thanks to handy shape
- Chrome vanadium electric steel in special quality, oil-hardened

97 52 63
fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; pliers in the plastic case with foam insert and standard locator for precise positioning of the contacts

97 52 63 DG
fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; with digital display of the preset crimping capacities; display reversible between mm / inch and MIL numerical values; pliers in a plastic case with foam insert and standard locator for precise positioning of the contacts

97 52 64
pressure adjustment depending on the conductor's diameter by means of adjusting wheel in 4 different positions; locator for positioning the contacts

97 52 65
fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; locator for positioning the contacts; with table for calculating the settings; pliers in a plastic case with foam insert

97 52 65 DG
fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; with digital display of the preset crimping capacities; display reversible between mm / inch and MIL numerical values; with table for calculating the settings; pliers in a plastic case with foam insert and standard locator for precise positioning of the contacts

97 52 65 A
fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; with table for calculating the settings; pliers in a plastic case with foam insert

97 52 65 DG A
fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; with digital display of the preset crimping capacities; display reversible between mm / inch and MIL numerical values; with table for calculating the settings; pliers in a plastic case with foam insert; without locator

97 59 65 2
Universal Locator for 97 52 65 / 97 52 65 A / 97 52 65 DG / 97 52 65 DG A; Chrome vanadium electric steel in special quality, oil-hardened

- locator that is universally adjustable (in length and diameter) for the repeatable exact alignment of turned contacts in crimping pliers; can be set to all commercially available contacts in the four-mandrel crimping pliers' capacity range

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Standard locator



Article No.	EAN 4003773-	↔ mm		Pliers	Handles			Applications	Capacity mm²	AWG	Number of crimping positions	⚖ g
97 52 63	050148	180	PATENTED	nickel plated	with multi-component grips	✖		turned contacts	0.08 - 2.5	28 - 13	1	388
97 52 63 DG	063209	195	PATENTED	nickel plated	with multi-component grips	✖		turned contacts	0.08 - 2.5	28 - 13	1	388
97 52 64	044093	180		nickel plated	with multi-component grips	✖		turned contacts	0.08 - 2.5	28 - 13	1	424
97 52 65	045236	230	PATENTED	nickel plated	with multi-component grips	✖		turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	0.14 - 6.0	25 - 10	1	676
97 52 65 DG	063216	250	PATENTED	nickel plated	with multi-component grips	✖		turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	0.14 - 6.0	25 - 10	1	633
97 52 65 A	071594	250	PATENTED	nickel plated	with multi-component grips	✖		turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	0.14 - 6.0	25 - 10	1	604
97 52 65 DG A	071990	250	PATENTED	nickel plated	with multi-component grips	✖		turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	0.14 - 6.0	25 - 10	1	633

97 59 65 2	071600	Universal Locator for 97 52 65 / 97 52 65 A / 97 52 65 DG / 97 52 65 DG A