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Crimp System Pliers

for exchangeable crimping dies

PATENTED



With the possibility of crimping almost all currently available crimping connections with just one tool and state-of-the-art crimping pliers technology, the crimping system pliers solves almost all tasks in mobile and stationary crimping technology and is an excellent tool for professionals to use for standard crimping.



97 43 200
MM



97 43 200 A
MM

- just one tool for almost 1000 crimping applications
- almost parallel crimping die movement
- 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 lever action for fatigue-reduced operation
- ergonomically designed handles
- different locators for precise positioning of the connectors
- crimping dies for applications not covered in the range offered here, may be available on request
- Chrome vanadium electric steel in special quality, oil-hardened

97 43 200

comes in a plastic case; foam insert with recesses for crimping dies and locators; with service tool (Allen key), screws and nuts; without crimping dies

97 43 200 A

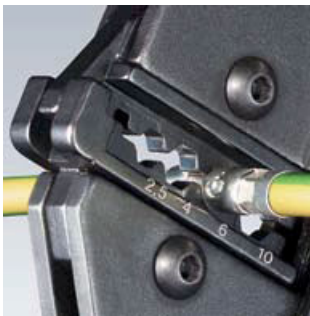
Pliers without crimping dies, without case

97 43 05

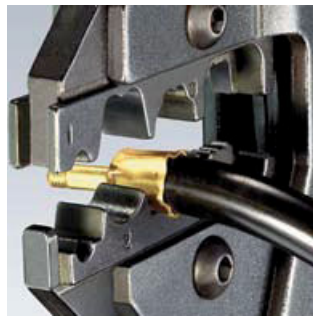
with attached crimping dies for non-insulated open plug-type connectors (4.8 and 6.3 mm connector width)

97 43 06

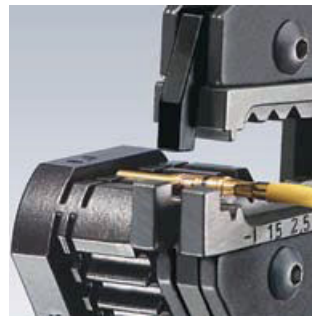
with attached crimping dies for insulated terminals and plug connectors



Crimp System Pliers 97 43 200 with crimping dies 94 49 30 for non-insulated butt connectors



Crimp System Pliers 97 43 200 with crimping dies 97 49 35 for spark plug connectors



97 43 200 with crimping dies 97 49 61 and revolvable locator 97 49 90 for turned types of connectors with varying pin diameters



97 43 400 Crimp System Pliers with crimping dies 97 49 24 and locator 97 49 93 for D-Sub plugs

Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Applications	Capacity mm²	AWG	Number of crimping positions	g
97 43 200	030812	200	MM		burnished	with multi-component grips	see crimping dies table				988
97 43 200 A	071587	200	MM		burnished	with multi-component grips	see crimping dies table				574
97 43 05	031031	200	MM		burnished	with multi-component grips	Crimp System Pliers for non-insulated open plug-type connectors (4.8 and 6.3 mm connector width)	0.5 - 6.0	20 - 10	3	618
97 43 06	031048	200	MM		burnished	with multi-component grips	Crimp System Pliers for insulated terminals and plug connectors	0.5 - 6.0	20 - 10	3	610

Crimping Dies for Crimp System Pliers

Special profiles
on request

Article No.	EAN 4003773-		Applications	Capacity mm ²	AWG	Capacity SW mm	Sleeves Ø mm	Number of crimping positions	g
97 49 04	030850		non-insulated Plug Connectors	0.1 - 2.5	27 - 13			4	42
97 49 05	030867		non-insulated Plug Connectors	0.5 - 6.0	20 - 10			3	46
97 49 06	030836		insulated terminals and plug connectors	0.5 - 6.0	20 - 10			3	45
97 49 08	030874		End Sleeves (ferrules)	0.25 - 6.0	23 - 10			5	49
97 49 09	030881		End Sleeves (ferrules)	10 / 16 / 25	7 / 5 / 3			3	50
97 49 13	030843		non-insulated terminals and plug connectors	0.5 - 10.0	20 - 7			4	37
97 49 15	043164		lug connectors and non-insulated open plug type connectors (plug width 6.3 mm)	1.25-2.5 + 3.0-6.0	17 - 13; 12 - 9			2 + 1	56
97 49 16	040675		insulated terminals and plug connectors	10.0 - 16.0	7 / 5			2	46
97 49 18	063186		Twin end sleeves (ferrules) for two flexible conductors	2x6 / 10 / 16	10 / 7 / 5			3	48
97 49 19	030898		End Sleeves (ferrules)	35 - 50	2 / 0			2	46
97 49 20	045069		F-connectors for TV and satellite connections			7.0; 8.4; 8.1	7.7; 9.5; 9.5	3	50
97 49 23	052135		non-insulated terminals and plug connectors	16 + 25	5 + 3			2	45
97 49 24	030911		D Sub; HD 20; HDE plug	0.03 - 0.56	32 - 20			3	41
97 49 30	030904		non-insulated butt connectors	1.5 - 4.0 6.0 + 10.0*	15 - 11 10 + 7			3 2	37
97 49 35	034315		spark plug connectors and distributors	1	17			5	52
97 49 40	030959		Coax connectors RG 58, 59, 62, 71, 223			5.4; 6.48; 1.72	6.4; 7.6; 2.1	3	57
97 49 44	041443		rolled contacts	0.14 - 1.5	26 - 15			3	45
97 49 50	030966		Coax connectors / Car phone RG 58, 174, 188, 316			3.25; 4.52; 5.41; 1.72; 1.07	3.9; 5.4; 6.4; 2.1; 1.3; 0.95	6	48
97 49 54	041450		modular plugs	0.5 - 2.5	20 - 13			4	49
97 49 59	073734		solar cable connectors Helios H4 (Amphenol)	2.5 + 4.0 + 6.0 mm ²	13 - 10			3	35
97 49 60	030928		turned contacts (HTS + Harting)	0.14 - 4.0	26 - 11			4	53
97 49 62	063179		solar cable connectors (Huber + Suhner)	2.5 + 4.0	13 + 11			3	41
97 49 63	066675		solar cable connectors (Huber + Suhner)	4.0 + 6.0	11 + 10			3	33
97 49 64	044055		ABS connectors	1.0 - 6.0	17 - 10			2	73
97 49 65	066682		solar cable connectors MC3 (Multi-Contact)	2.5 - 6.0	13 - 10			3	33
97 49 66	066699		solar cable connectors MC4 (Multi-Contact)	2.5 - 6.0	13 - 10			3	33
97 49 66 4	072096		solar cable connectors MC4 (Multi-Contact) cutting - stripping - crimping	4.0	11			1	35
97 49 66 6	072102		solar cable connectors MC4 (Multi-Contact) cutting - stripping - crimping	6.0	10			1	35
97 49 67	066705		solar cable connectors (Hirschmann)	2.5 - 6.0	13 - 10			3	33
97 49 68	066712		solar cable connectors (Tyco)	1.5 - 6.0	15 - 10			4	33
97 49 69 1	072119		solar cable connectors (Wieland)	1.5 - 2.5	15 + 13			2	35
97 49 69 2	072126		solar cable connectors (Wieland)	4.0 - 10.0	11 - 7			3	35
97 49 70	030942		Western plugs	4, 6, 8-poles RJ 10 / 11 / 12 / 45				3	72
97 49 74	044062		unshielded Molex plugs	4, 6, 8-poles RJ 10 / 11 / 12 / 45				3	42
97 49 76	047513		shielded Stewart plugs					2	50
97 49 81	042778		Harting connectors for fibre optics			3.0; 4.95; 6.5	3.5; 6.0; 7.5	3	52
97 49 82	042785		Telegärtner connectors for fibre optics			3.25; 3.65; 4.52	3.6; 4.0; 5.4	3	58

* compression joints in conformance to DIN 46267

SOLAR CONNECTORS

SOLAR CONNECTORS

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Crimping Dies for Crimp System Pliers

Article No.	EAN 4003773-		Applications	Capacity mm ²	AWG	Capacity SW mm	Sleeves Ø mm	Number of crimping positions	g
97 49 83	044079		F-SMA, ST-, SC + STSC/K-connectors for fibre optics			3.65; 4.2; 5.0	4.3; 5.4; 6.0	3	60
97 49 84	042792		Harting/Suhner connectors for fibre optics			3.8; 4.3; 4.95	4.5; 5.2; 6.0	3	52
97 49 87	043331		F-SMA, ST and MIC connectors for fibre optics			8.7	9.5	1	46

* compression joints in conformance to DIN 46267

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Locators for crimping pliers and crimping dies

Article No.	EAN 4003773-	Applications	g
97 49 59 1	073741	Locator for 97 49 59	55
97 49 65 1	066729	Locator for 97 49 65 (solar cable connectors MC3)	72
97 49 66 1	066736	Locator for 97 49 66 (solar cable connectors MC4)	72
97 49 68 1	066743	Locator for 97 49 68 (solar cable connectors Solarlok)	72
97 49 69 11	072133	Locator for 97 49 69 1 and 97 49 69 2	55
97 49 90	031017	Locator for 97 49 60 (HTS+Harting)	69
97 49 93	047926	Locator for 97 49 24 (D-Sub-plugs)	39
97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34	69
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35	22
97 59 65 2	071600	Locator for 97 52 65 / 97 52 65 A / 97 52 65 DG / 97 52 65 DGA	237



Locator 97 59 65 2 for four-mandrel crimping pliers, adjustable in length and diameter for various plugs

97

Mounting Tool for MC3 connectors



97 49 65 2

- for easy and quick assembly of MC3 solar cable connectors
- for fit solar sleeves for connectors from 2.5 to 10.0 mm²
- three capsules (2.5 / 4.0; 6.0; 10.0 mm²) for pulling on the sleeves, integrated in the detachable handle
- Body: plastic, fibreglass-reinforced



The assembly tool comes with three torpedo mandrels for the various cable cross-sections

SOLAR TOOL

Article No.	EAN 4003773-	↔ mm	Capacity mm ²	g
97 49 65 2	072010	325	2.5 - 10.0	460

97

Set of Mounting Tools

for solar cable connectors MC4 (Multi-Contact)



97 49 66 2

- set of two mounting tools
- to tighten cable glands of MC4 solar plugs
- to open the locking of MC4 housings (even in case of mounted lock clip)
- Tool: plastic, fibreglass reinforced

SOLAR TOOL

Article No.	EAN 4003773-	↔ mm	g
97 49 66 2	074106	115	18