

**PATENT
PENDING
PRODUCT**

multibex

multifunctional crimp tool with rotational crimp dies

Consist of tool frame and various pairs of exchangeable rotational crimp inserts

Multibex is suitable for crimping:

- > uninsulated and insulated terminals
- > tab connectors, wire end ferrules
- > coaxial and fiber optic connectors
- > photovoltaics and turned contacts
- > automotive terminals

MX1 TOOL FRAME

- Each insert can crimp up to 16 conductor crosssections for virtually all connector types
- Tools are tested prior delivery
- Private labeling option
- Crimp die nest surfaces are high-quality processed (nickel coating, polishing, surface hardness 66 HRC)
- Hardened steel tool frames
- Parallel crimping performance
- Precise positioning
- Customized die sets upon request
- Precise eccentric adjustment
- Safety ratchet relief



Multibex MX1

Tool type

Non insulated and insulated terminals DIN 46234, 46235, 46267

DIE SET M1

APPLICATION	NON INSULATED	INSULATED
CRIMP PROFILE (mm ²)	0,25	0,25
	0,5	0,5
	0,75	1,5
	1	2,5
	1,5	4-6
	2,5	
	4	
	6	
	10	

PROFILE GEOMETRY



APPLICABLE CONTACTS



Tab connectors DIN 46247, 46345, 46346 and wire end ferrules

DIE SET M2

APPLICATION	TAB CONNECTORS	WIRE END FERRULES
CRIMP PROFILE (mm ²)	0,25	0,25
	0,5	0,5
	1	0,75
	1,5	1
	2,5	1,5
	4	2,5
	6	4
		6
		10
		16

PROFILE GEOMETRY



APPLICABLE CONTACTS



Multibex MX1

Tool type

Insulated terminals DIN 46237 and wire end ferrules

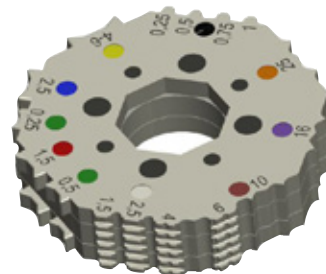
DIE SET M3

APPLICATION	INSULATED TERMINALS	WIRE END FERRULES
CRIMP PROFILE (mm ²)	0,25	0,25
	0,5	0,5
	1,5	0,75
	2,5	1
	4-6	1,5
		2,5
		4
		6
		10
		16
		25

PROFILE GEOMETRY



APPLICABLE CONTACTS



Non insulated terminals, insulated terminals and wire end ferrules

DIE SET M4

APPLICATION	NON INSULATED TERMINALS	INSULATED TERMINALS	WIRE END FERRULES
CRIMP PROFILE (mm ²)	0,75	0,25	0,5
	1,5	0,5	1
	2,5	1,5	1,5
	4	2,5	2,5
	6	4-6	4
	10		6
			10

PROFILE GEOMETRY



APPLICABLE CONTACTS



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Multibex MX1

Tool type

Wire end ferrules

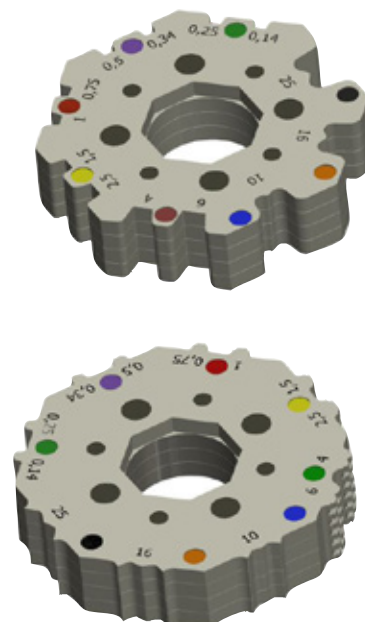
DIE SET M5

APPLICATION	WIRE END FERRULES
CRIMP PROFILE (mm ²)	0,14
	0,25
	0,34
	0,5
	0,75
	1
	1,5
	2,5
	4
	6
	10
	16
	25

PROFILE GEOMETRY



APPLICABLE CONTACTS



Coaxial connectors

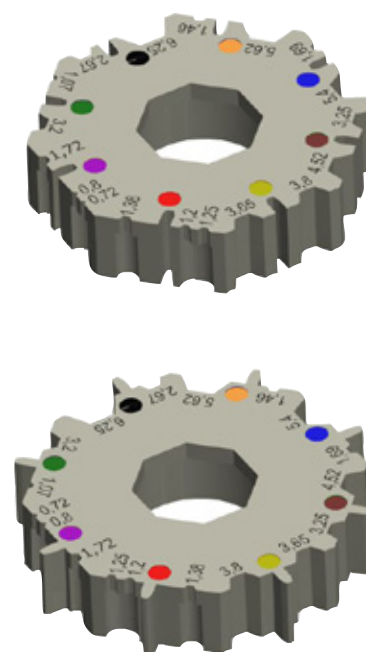
DIE SET M6

APPLICATION	COAXIAL CONNECTORS	
CABLES	RG58, RG59, RG62/71, RG174, RG316U, RG195A, RG178B, RG196A, RG15, RG29, RG58C/U, RG174U, RG316D, RG178B/U, RG196A/U, RG188, RG195A, RG178, RG196, RG179, LCD58, LCD90, 1.0/6.6 for BNC/TNC/SMB, SMC/SMS/SMA/MCX	
CRIMP PROFILE (mm ²)	0,72	2,67
	0,8	3,25
	1,07	3,65
	1,2	3,8
	1,25	4,52
	1,38	5,4
	1,46	5,62
	1,69	6,25
	1,72	

PROFILE GEOMETRY



APPLICABLE CONTACTS





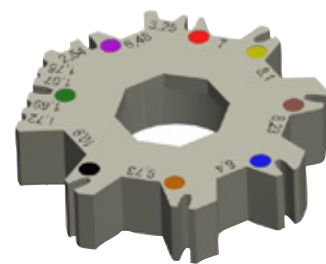
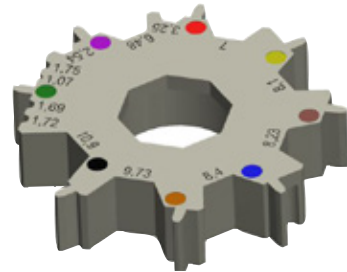
Multibex MX1

Tool type

Coaxial connectors



DIE SET M7

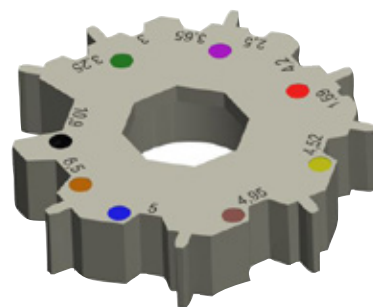
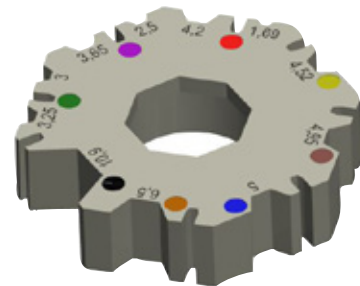
APPLICATION	COAXIAL CONNECTORS	
CABLES	RG59, RG6, LCD58, LCD90, RG214, RG213, RG11, 1,0/6,6, RG59B, RG62A, RG212U, RG6 A/U, TWINAX, BELDEN 9913, RG58C/U, 9913, RG58C/U, RG174, RG316D for BNC/TNC/TWINAX, SMB, SMC/SMS/SMA/MCX	
CRIMP PROFILE (mm ²)	1,07	7
	1,69	8,1
	1,72	8,23
	1,75	8,4
	2,54	9,73
	3,25	10,9
	6,48	
PROFILE GEOMETRY		
APPLICABLE CONTACTS		



Fiber optic connectors

DIE SET M8

APPLICATION	FIBER OPTIC CONNECTORS	
CABLES	ST, SC, SMA, SMB, SFR	
CRIMP PROFILE (mm ²)	1,69	4,2
	2,5	4,52
	3	4,95
	3,25	5
	3,65	6,5
		10,9
PROFILE GEOMETRY		
APPLICABLE CONTACTS		



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Multibex MX1

Tool type

Photovoltaic connectors. Available with locator


DIE SET M9

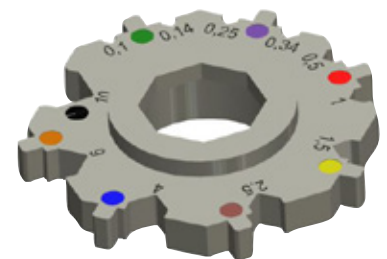
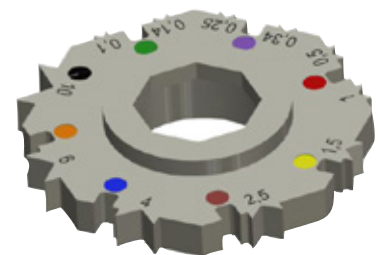
APPLICATION	MC4 (Multi-Contac Solarline 2)	MC3 (Multi-Contac Solarline 1)	Tyco Solarlok	Amphenol H4 machined solar contacts
CRIMP PROFILE (mm ²)	2,5	2,5	1,5	2,5
	4	4	2,5	4
	6	6	4	6
			6	
PROFILE GEOMETRY				
APPLICABLE CONTACTS				



Turned contacts. Available with locator

DIE SET M10

APPLICATION		
WIRE SIZE (mm ²)	0,1	1,5
	0,14	2,5
	0,25	4
	0,34	6
	0,5	10
	1	
PROFILE GEOMETRY	Square	
APPLICABLE CONTACTS		



Multibex MX2

MX2 TOOL FRAME

- Suitable for automotive contacts (Receptacle and Tab Contacts),
- Crimping contacts from AWG 20-30
- Tools are tested prior delivery
- Private labeling option
- Crimp die nest surfaces are high-quality processed (nickel coating, polishing, surface hardening 66 HRC)
- Hardened steel tool frames
- Parallel crimping action ensures uniform connection
- Precise positioning
- Customized die sets upon request
- Precise eccentric adjustment
- Safety ratchet relief



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Multibex MX2

Tool type

Automotive contacts. Available with locator

DIE SET M11

APPLICATION	Hirose DF1B-2428SC, UL1007 stranded wire Hirose DF1B-2428PC contact, UL1007 stranded wire	Hirose DF1B-30PC contact, UL1007 stranded wire Hirose DF1B-30SC contact, UL1007 stranded wire	Hirose DF1B-2022PC Hirose DF1B-2022SC
CRIMP PROFILE (mm ²)	0,08	0,05	0,34
	0,14		0,50
	0,25		
PROFILE GEOMETRY			
APPLICABLE CONTACTS			



OTHER APPLICATIONS:

(2) TE AUTOMOTIVE CONTACT SYSTEMS

- Timer Contact System: Micro Timer I, Micro Timer II, Micro Timer III,
- Junior Power Timer, Standard Timer, Maxi Power Timer including Tab and
- Receptacle contacts from 0.2 - 10 mm²

(3) APPLICATION DELPHI AUTOMOTIVE CONNECTION SYSTEMS

- Ducon Series 0.8, 1.5, 2.8, 4.8, 6.3, 9.5 mm; GT 150 cable range
- from 0.35 - 1.00 mm. GT 280 cable range from 0.75 - 5.00
- mm; Metri-Pack 150, Metri-Pack 280, Metri-Pack 480, Metri-
- Pack 630, Micro 64, Micro-Pack 100, HES 1.0, HES 1.6, HES
- 2.4, HES 6, Molex MX64

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Bex d.o.o.
Permani bb
51213 Jurdani
Croatia

Contact
phone: 00385 51 621 088
fax: 00385 51 621 457
mail: josojnak@bextools.com
mobile: 00385 98 387 843

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