BEX HAND TOOLS

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, solar, turned and fiber
- optic connectors automotive terminals

MX1 TOOL FRAME

- Each insert can crimp up to 16 conductor crossections for virtually all connector types.
- Tools are tested prior delivery.
- Private labeling option
- Crimp die nest surfaces are high-quality processed
- Hardened steel tool frames
- Parallel crimping performance
- Precise positioning
- Customized die sets upon request
- Precise eccentric adjustment
- Safety ratchet relief.

World's No1 for modular plugs crimping tools

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Multibex MX1
Tool type

Non insulated and insulated terminals DIN 46234, 46235, 46267

DIE SET **M1**

APPLICATION	NON INSULATED	INSULATED
CRIMP PROFILE (mm²)	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**

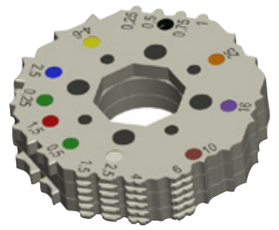
APPLICATION	TAB CONNECTORS	WIRE END FERRULES
CRIMP PROFILE (mm²)	0,25	0,25
	0,5	0,5
	1	0,75
	1,5	1
	2,5	1,5
	4	2,5
	6	4
		6
		10
		16
PROFILE GEOMETRY		
APPLICABLE CONTACTS		

Multibex MX1
Tool type

Insulated terminals DIN 46237 and wire end ferrules

DIE SET **M3**

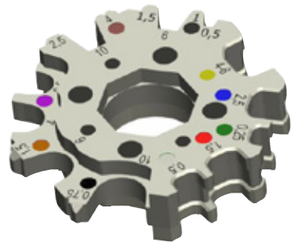
APPLICATION	INSULATED TERMINALS	WIRE END FERRULES
CRIMP PROFILE (mm²)	0,25	0,25
	0,5	0,5
	1,5	0,75
	2,5	1
	4-6	1,5
		2,5
		4
		6
		10
		16
		25
PROFILE GEOMETRY		
APPLICABLE CONTACTS		



Non insulated terminals, insulated terminals and wire end ferrules

DIE SET **M4**

APPLICATION	NON INSULATED TERMINALS	INSULATED TERMINALS	WIRE END FERRULES
CRIMP PROFILE (mm²)	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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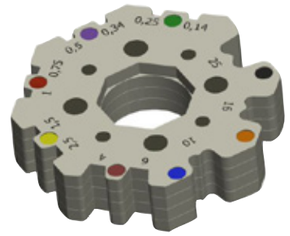
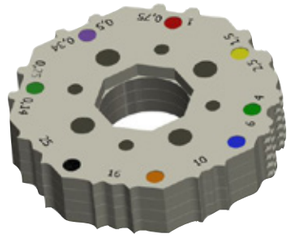
Multibex MX1
Tool type

Wire end ferrules

DIE SET **M5**

APPLICATION	WIRE END FERRULES
CRIMP PROFILE (mm²)	0,14
	0,25
	0,34
	0,5
	0,75
	1
	1,5
	2,5
	4
	6
	10
	16
	25
PROFILE GEOMETRY	
APPLICABLE CONTACTS	

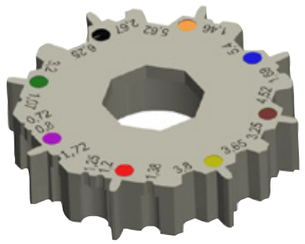




Coaxial connectors

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 (mm²)	0,72	2,67
	0,8	3,25
	1,07	3,65
	1,2	3,8
	1,25	4,25
	1,38	5,4
	1,46	5,62
	1,69	6,25
	1,72	
PROFILE GEOMETRY		
APPLICABLE CONTACTS		



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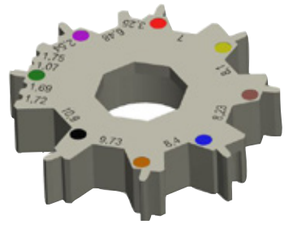
Multibex MX1
Tool type

Coaxial connectors

DIE SET **M7**

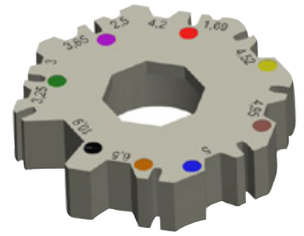
APPLICATION	COAXIAL CONNECTORS	
CABLES	RG59, RG6, LCD58, LCD90, RG214, RG213, RG11, 1,0/6,6, RG59B, RG62A, RG212U, RG6 A/U, TWINAX, BELDEN 9913, RG58C/U, 9913, RG58C/U, RG174, RG316D for BNC/TNC/TWINAX, SMB, SMC/SMS/SMA/MCX	
CRIMP PROFILE (mm²)	1,07	7
	1,69	8,1
	1,72	8,23
	1,75	8,4
	2,54	9,73
	3,25	10,9
	6,48	
PROFILE GEOMETRY		
APPLICABLE CONTACTS		

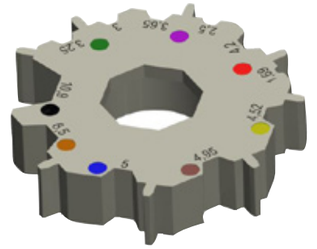


Fiber optic connectors

DIE SET **M8**

APPLICATION	FIBER OPTIC CONNECTORS	
CABLES	ST, SC, SMA, SMB, SFR	
CRIMP PROFILE (mm²)	4,2	1,69
	4,52	2,5
	4,95	3
	5	3,25
	6,5	3,65
	10,9	
PROFILE GEOMETRY		
APPLICABLE CONTACTS		





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Multibex MX1

Tool type

Photovoltaic connectors. Available with locator

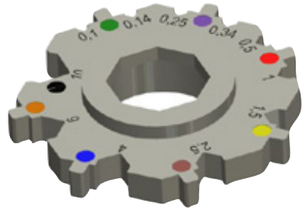
DIE SET **M9**

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	CONTACT DIAMETER 4 mm	CONTACT DIAMETER 3,5 mm	CONTACT DIAMETER 4 mm
WIRE SIZE (mm^2)	0,75	1,5	1,5
	1,5	2,5	2,5
	2,5	4	4
	4	6	6
	6		
PROFILE GEOMETRY	Indent	Square	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
- 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	4-6	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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