





Copper and Aluminium Cable Lugs / Butt-Connectors and PIN Terminals

Copper and Aluminium Families




⬡ HEXAGONAL COMPRESSION

Copper Connectors	Aluminium Connectors	Tools		Section mm ²		Die	
				Copper	Aluminium	Code	Ref.
				10		437101	U5-K07
				16		437110	U5-K08
				25	16	437130	U5-K10
				35	25	437150	U5-K11
				50	35	437160	U5-K13
				70	50	437170	U5-K14
				95	70	437180	U5-K17
				120	95	437190	U5-K18
				150	120	437200	U5-K20
				185	150	437210	U5-K22
				240	185	437220	U5-K25

Copper Compression Clamps

Families CRC







⊖ ELLIPTICAL COMPRESSION

Copper Connectors	Tools		Section mm ²		Die	
			Main	Tap	Code	Ref.
			6-2,5	6-2,5	462080	U5-DC6
			10	10-1,5	462090	U5-DC10
			16	16-1,5	462100	U5-DC25
			25-16	10-1,5		
			25	25-16	462110	U5-DC35
			35	16-1,5		
			35	35-25		
			50	25-10		
			70-50	25-1,5	462120	U5-DC70
			50	25-4		
			50	50-35		
70-50	35-4					
70-50	70-35					

Copper and Aluminium Cable Lugs and Butt-Connectors

Copper and Aluminium Families





⬡ HEXAGONAL COMPRESSION

Copper Connectors	Aluminium Connectors	Tools	Image	Sección mm²		Die	
				Copper	Aluminium	Code	Ref.
				10		441101	U13-K07
				16		441110	U13-K08
				25	16	441120	U13-K10
				35	25	441130	U13-K11
				50	35	441150	U13-K13
				70	50	441170	U13-K14
				95	70	441180	U13-K17
				120	95	441190	U13-K18
				150	120	441200	U13-K20
				185		441210	U13-K22
				240	150	441220	U13-K25
				300	185	441230	U13-K28
					240	441250	U13-K32
					300	441260	U13-K34
					300	447159	MK34-230
				400	400	447160	MK38-230
				500		447165	MK42-230
				630	500	447170	MK44-230

Copper Cable Lugs and Butt-Connectors and Pin Terminals

Copper Families

⬡ PUNCHING COMPRESSION

Copper Connectors	Tools	Image	Sección mm²	Die		Image	Punch	
				Code	Ref.		Code	Ref.
			10	446100	U13-S10		446230	U13-PZ120
			16	446110	U13-S16			
			25	446120	U13-S25			
			35	446130	U13-S35			
			50	446140	U13-S50			
			70	446150	U13-S70			
			95	446160	U13-S95			
			120	446170	U13-S120			
			150	446180	U13-S150			
			185	446190	U13-S185			
			240	446200	U13-S240			
300	446210	U13-S300		446231	U13-PZ240			
				446240	U13-PZ300			

Die Sector Chart

TOOLS CATALOGUE

DIN STANDARD

Hexagonal crimping dies according to DIN 48083 for connectors according to DIN 46235

COPPER COMPRESSION

Tools	Cross Section mm ²		Code No.	Code	Ref.	Cross Section mm ²		Code No.	Code	Ref.
	10		6	447100	MK6-C	150		22	447140	MK22-C
	16		8	447105	MK8-C	185		25	447145	MK25-C
	25		10	447110	MK10-C	240		28	447150	MK28-C
	35		12	447115	MK12-C	300		32	447155	MK32-C
	50		14	447120	MK14-C	300		34	447159	MK38-230
	70		16	447125	MK16-C	400		38	447160	MK38-230
	95		18	447130	MK18-C	500		42	447165	MK42-230
	120		20	447135	MK20-C	630		44	447170	MK44-230

* 800 and 1000 mm² dies sections and heads under request.

Bimetallic Cable Lugs and Aluminium Low, Medium and Multi Voltage Joints

Bimetallic and Aluminium Families



DEEP PUNCHING COMPRESSION

Tools	Connectors	Section mm ²	Adapter			Die			Punch		
			Code	Ref.		Code	Ref.		Code	Ref.	
		25		471110	AD13-150		456100	95MCB		456150	PPR95
		35									
		50									
		70									
		95									
		120									
		150									
		185									
		240									
		25									
35											
50											
70											
95											
120											
150											
185											
240											
25		471120	AD13-240		456110	150MCB		456160	PPR150		
35											
50											
70											
95											
120											
150											
185											
240											
25											471120
35											
50											
70											
95											
120											
150											
185											
240											
25		471110	AD13-150		456140	150MC1S		456160	PPR150		
35											
50											
70											
95											
120											
150											
185											
240											
25											471120
35											
50											
70											
95											
120											
150											
185											
240											




Copper, Aluminium and Bimetallic Compression Clamps

Families CRC, CRA and CRS




CIRCULAR COMPRESSION

Connectors	Tools	Crimpi	Main		Tap		Die	
			Max.	Min.	Max.	Min.	Code	Ref.




APPLICATIONS TO COPPER CLAMPS

  	CRC-1	4	2,5	4	2,5	463090	U13-DC10
	CRC-2	10	6	6	2,5	463090	U13-DC10
	CRC-3	25	10	6	4	463100	U13-DC25
	CRC-4	25	16	10	4	463100	U13-DC25
	CRC-5	25	16	25	16	463100	U13-DC25
	CRC-6	35	35	25	4	463110	U13-DC35
	CRC-7	35	35	35	16	463110	U13-DC35
	CRC-8	70	50	35	4	463120	U13-DC70
	CRC-9	70	50	70	35	463120	U13-DC70
	CRC-10	95	70	35	16	463140	U13-DC95
	CRC-11	95	70	70	35	463140	U13-DC95
	CRC-12	95	95	95	95	463140	U13-DC95
	CRC-13	120	120	120	25	463170	U13-DC185
	CRC-14	185	150	95	50	463170	U13-DC185
	CRC-15	150	150	150	70	463170	U13-DC185
	CRC-16	185	120	185	95	463170	U13-DC185

APPLICATIONS TO ALUMINIUM CLAMPS

  	CRA-1	35	25	35	25	463110	U13-DC35
	CRA-2	70	50	50	50	463180	U13-DA70
	CRA-3	120	95	35	10	463190	U13-DA120
	CRA-3A	120	95	120	95	463190	U13-DA120
	CRA-4	185	150	95	70	463200	U13-DA185

APPLICATIONS TO BIMETALLIC CLAMPS

  	CRS-0	35	10	35	10	463180	U13-DA70
	CRS-1	35	16	10	2,5	463100	U13-DC25
	CRS-2	70	35	10	2,5	463110	U13-DC35
	CRS-3	120	50	70	10	463140	U13-DC95
	CRS-8	120	95	120	70	463190	U13-DA120
	CRS-9	185	120	70	10	463210	U13-DA300
	CRS-10	240	120	150	70	463210	U13-DA300
	CRS-11	240	95	240	95	463210	U13-DA300
	CRS-12	300	240	70	10	463210	U13-DA300