

DIE SELECTOR CHART

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APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS													HYDRAULIC TOOLS																		
					B 15D			B 35-45D			B 35-50D			HT 45-E			HT 51 B 51			RH 50 B 55			HT 81-U RHU 81			HT 120 and tools and heads with 130 kN crimping force			ECW-H3D			RHU 520				
					Low str.	Flex	TERMINAL	SPLICE	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET
COPPER CONDUCTORS	0,25 ÷ 2,5		A 03-M. A 06-M..	L 03M / L 03P L 06M / L 06P	ME03/2-15 MA03/3-15																															
	4 ÷ 6		A 1-M. A 1-L..	L 1-M L 1-P	ME03/2-15 MA03/3-15	MA 1	PA 1	ME 1	MA 1-50	PA 1-50	ME 1-50	MA 1	PA 1	ME 1																						
	10		A 2-M. A 2-L.. A 2-P12	L 2-M L 2-P	ME03/2-15 MA03/3-15	MA 2.3		ME 2	MA 2.3-50		ME 2-50	MA 2.3		ME 2																						
	16		A 3-M. A 3-L.. A 3-P14	2A 3-M.. L 3-M L 3-P	ME2/3-15 MA03/3-15		PA 5	ME 3		PA 5-50	ME 3-50		PA 5	ME 3																						
	25		A 5-M. A 5-L.. A 5-P16	2A 5-M.. L 5-M L 5-P		MA 5		ME 5	MA 5-50		ME 5-50	MA 5		ME 5																						
	35		25* 35 A 7-M. A 7-L.. A 7-P20	2A 7-M.. L 7-M L 7-P		MA 7		ME 7	MA 7-50		ME 7-50	MA 7		ME 7																						
	50		35* 50 A 10-M. A 10-L.. A 10-P25	2A 10-M.. L 10-M L 10-P		MA 10		ME 10	MA 10-50		ME 10-50	MA 10		ME 10																						
	70		50* 70 A 14-M. A 14-L.. A 14-P30	2A 14-M.. L 14-M L 14-P				ME 14	MA 14-50		ME 14-50			ME 14																						
	95		70* 95 A 19-M. A 19-L..	2A 19-M.. L 19-M L 19-P				ME 19	MA 19-50		ME 19-50			ME 19																						
	120		95* 120 A 24-M. A 24-L..	2A 24-M.. L 24-M L 24-P				ME 24	MA 24-50		ME 24-50			ME 24																						
	150		120* 150 A 30-M. A 30-L..	2A 30-M.. L 30-M L 30-P				ME 30L			ME 30L-50			ME 30																						
	185		150* 185 A 37-M. A 37-L.. A 37-4ESI	2A 37-M.. L 37-M L 37-P																																
	240		185* 240 A 48-M. A 48-L.. A 48-4ESI	2A 48-M.. L 48-M L 48-P																																
	300		240 300 A 60-M. A 60-L.. A 60-4ESI	2A 60-M.. L 60-M																																
	400		300 400 A 80-M. A 80-4ESI	2A 80-M.. L 80-M																																
	500		400 500 A 100-M. A 100-4ESI	2A 100-M.. L 100-M																																
	630		500 630 A 120-M. A 120-4ESI	2A 120-M.. L 120-M																																
800		630 800 A 160-M. A 160-4ESI	2A 160-M.. L 160-M																																	
1000		800 1000 A 200-M..	2A 200-M.. L 200-M																																	
EXTRA FLEXIBLE COPPER CONDUCTORS	35		A 9-M..			MA 9	PA 10	ME 9	MA 9-50	PA 10-50	ME 9-50	MA 9	PA 10	ME 9																						
	50		A 12-M..					ME 12	MA 12-50		ME 12-50			ME 12																						
	70		A 17-M..					ME 17	MA 17-50	PA 19-50	ME 17-50			ME 17																						
	95		A 20-M..					ME 20	MA 20-50		ME 20-50			ME 20																						
	120		A 29-M..					ME 29			ME 29-50			ME 29																						
	150		A 35-M..																																	
	185		A 40-M..																																	






⊕ = Hexagonal crimp (use one size up with fine stranded conductors, E.G.: 95² fine stranded use A19-.. + ME 19 or A 20-.. + ME 20)


⊖ = Indent crimp


* Contact Cembre for appropriate die set


N.B.: Number inside symbol indicates the number of crimps on A-M barrel

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APPLICATION	CONDUCTOR		CONNECTOR			HYDRAULIC TOOLS											
						B 35-45D	B 35-50D	HT 45-E	HT 51 B 51	RH 50 B 55	HT 81-U RHU 81	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU 52D			
 c..c..ST  c..c..	Section Conductor mm ²		CONNECTOR	CONNECTOR		DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET		
	Run	Tap															
	6 ÷ 2,5	6 ÷ 1,5	C 6 - C 6 ST	C 6 - C 6		MC 6 (1)	MC 6-50 (1)	MC 6 (1)	MC 6-50 (1)	MC 6.25-U (1)							
	10	10 ÷ 1,5	C 10 - C 10 ST	C 10 - C 10		MC 10 (1)	MC 10-50 (1)	MC 10 (1)	MC 10-50 (1)	MC 10-U (1)	MC 10-C (1)	Adaptor AU 230-130 D with die set MC..C	Adaptor AU 520-130 C with die set MC..C				
	16	16 ÷ 1,5	C 16 - C 16 ST	C 16 - C 16													
	25 ÷ 16	10 ÷ 1,5	C 25 - C 10 ST	C 25 - C 10		MC 25 (2)	MC 25-50 (2)	MC 25 (2)	MC 25-50 (2)	MC 6.25-U MC 25-U (1)	MC 25-C (1)						
	25	25 ÷ 16	C 25 - C 25 ST	C 25 - C 25													
	40 ÷ 35	16 ÷ 1,5	C 35 - C 16 ST	C 35 - C 16		MC 35 (2)	MC 35-50 (2)	MC 35 (2)	MC 35-50 (2)	MC 35-U (1)	MC 35-C (1)						
	40 ÷ 35	40 ÷ 25	C 35 - C 35 ST	C 35 - C 35													
	50	25 ÷ 10															
	70 ÷ 63	25 ÷ 1,5	C 70 - C 25N ST	C 70 - C 25N													
	50	25 ÷ 4	C 50 - C 25 ST	C 50 - C 25													
	*50	50 ÷ 35	C 50 - C 50 ST	C 50 - C 50													
	*70 ÷ 50	40 ÷ 4	C 70 - C 35 ST	C 70 - C 35					*MC 70-50 (3)	MC 70-80-U (3)	MC 70-C (3)	MC 70-3D (1)					
	*70 ÷ 50	70 ÷ 35	C 70 - C 70 ST	C 70 - C 70													
	100 ÷ 95	40 ÷ 4	C 95 - C 35 ST	C 95 - C 35													
	100 ÷ 95	70 ÷ 40	C 95 - C 70 ST	C 95 - C 70						MC 95-80-U (3)	MC 95-C (3)	MC 95-3D (1)					
	100 ÷ 95	100 ÷ 63	C 95 - C 95 ST	C 95 - C 95													
	125 ÷ 110	125 ÷ 25	C 120 - C 120 ST	C 120 - C 120													
	160 ÷ 150	125 ÷ 25	C 150 - C 120 ST	C 150 - C 120							MC 185-C (3)	MC 185-3D (1)					
150	150 ÷ 63	C 150 - C 150 ST	C 150 - C 150														
185	100 ÷ 16	C 185 - C 95 ST	C 185 - C 95														
185 ÷ 120	185 ÷ 120	C 185 - C 185 ST	C 185 - C 185														
240 ÷ 150	120 ÷ 95	C 240 - C 120 ST	C 240 - C 120								MC 240-3D (1)						
 MT..TD MT..GC  CA..M.. CA..2M..  MT..C..	Conductor Size sqmm		TERMINALS		TERMINALS			DIE SET		DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET		
	25 R	MT 25 - TD	MT 25 - GC	CA 25 - M..	CA 25 - 2M..	MT 25 - C..		MMT 25-50 (1)		MMT 25-50 (1)	MMT 25-U (1)	MMT 25-C (1)	Adaptor AU 230-130 D with die set MMT..C	Adaptor AU 520-130 C with die set MMT..C			
	35 RC/S ÷ 40 S	MT 40 S - TD	MT 40 S - GC	CA 40 S - M..	CA 40 S - 2M..	MT 40 S - C..											
	50 RC	MT 50 R - TD	MT 50 R - GC	CA 50 R - M..	CA 50 R - 2M..	MT 50 R - C..		MMT 50-50 (1)		MMT 50-50 (1)	MMT 50-U (1)	MMT 50-C (1)					
	50 S	MT 50 S - TD	MT 50 S - GC	CA 50 S - M..	CA 50 S - 2M..	MT 50 S - C..											
	63 S ÷ 70 S	MT 70 S - TD	MT 70 S - GC	CA 70 S - M..	CA 70 S - 2M..	MT 70 S - C..											
	80 S ÷ 95 RC	MT 95 R - TD	MT 95 R - GC	CA 95 R - M..	CA 95 R - 2M..	MT 95 R - C..				MMT 95-50 (1)	MMT 95-U (1)	MMT 95-C (1)					
	95 S ÷ 100 S	MT 95 S - TD	MT 95 S - GC	CA 95 S - M..	CA 95 S - 2M..	MT 95 S - C..											
	120 RC/S ÷ 150 RC	MT 150 R - TD	MT 150 R - GC	CA 150 R - M..	CA 150 R - 2M..	MT 150 R - C..											
	150 S ÷ 160 RC	MT 150 S - TD	MT 150 S - GC	CA 150 S - M..	CA 150 S - 2M..	MT 150 S - C..				MMT 200-50 (1)	MMT 200-U (1)	MMT 200-C (1)					
	160 S ÷ 200 RC	MT 200 R - TD	MT 200 R - GC	CA 200 R - M..	CA 200 R - 2M..	MT 200 R - C..											
	185 BR/BS	MT 185 - TD	MT 185 - GC	CA 185 - M..	CA 185 - 2M..	MT 185 - C..											
	200 S ÷ 240 RC	MT 240 R - TD	MT 240 R - GC	CA 240 R - M..	CA 240 R - 2M..	MT 240 R - C..											
	240 S ÷ 315 RC	MT 315 R - TD	MT 315 R - GC	CA 315 R - M..	CA 315 R - 2M..	MT 315 R - C..						MMT 315-C (1)					
	315 S	MT 315 S - TD	MT 315 S - GC	CA 315 S - M..	CA 315 S - 2M..	MT 315 S - C..											
400 R	MT 400 - TD		2A 80 - M..	2A 80 - 2M..							ME 80-C (1)	ME 80-3D (1)	ME 80-520 (1)				
500 R	MT 500 - TD		2A 100 - M..	2A 100 - 2M..								ME 100-3D (1)	ME 100-520 (1)				
600 R ÷ 630 R	MT 630 - TD		2A 120 - M..	2A 120 - 2M..								ME 120-3D (1)	ME 120-520 (1)				

 = Hexagonal crimp

 = Oval crimp

 = circular crimp

* When using die set type MC70-50, the conductors marked with a star must be annealed.

DIE SELECTOR CHART FOR DEEP STEPPED INDENTING WITH CONTAINING DIES

APPLICATIONS	CONDUCTOR	CONNECTORS			HYDRAULIC TOOLS		
					HT 131-UC	RHU 131-C	B 131-UC
	Conductor Size sqmm	LUGS		DIE HOLDER	DIE	INDENTOR	
 	10	CAA 10 - M..		AU 130-150	MV 35 	MUA 35 	PS 130-35/E
	16	CAA 16 - M..	MTA 16 - C				
	25	CAA 25 - M..	MTA 25 - C				
	35	CAA 35 - M..	MTA 35 - C				
	50	CAA 50 - M..	MTA 50 - C				
	70	CAA 70 - M..	MTA 70 - C..				
	95	CAA 95 - M..	MTA 95 - C..	AU 130-240	MV 95 	MUA 95 	PS 130-95/E
	120	CAA 120 - M..	MTA 120 - C..				
	150	CAA 150 - M..	MTA 150 - C..				
	185	CAA 185 - M..	MTA 185 - C..				
	240	CAA 240 - M..	MTA 240 - C..				
	300	CAA 300 - 34 - M..					
	16	AA 16 - M..		AU 130-150	MUA 35 	PS 130-35/E	
	25	AA 25 - M..					
	35	AA 35 - M..					
	50	AA 50 - M..					
	70	AA 70 - M..					
	95	AA 95 - M..					
	120	AA 120 - M..		AU 130-240	MUA 150 	PS 130-150/E	
	150	AA 150 - M..					
	185	AA 185 - M..					
	240	AA 240 - M..					
	300	AA 300 - 34 - M..					
					MUA 300-34 		

 Indent crimp



MTMA...GC

DIE SELECTOR CHART FOR DEEP STEPPED INDENTING WITH CONTAINING DIES

Conductor Size sqmm	SPLICES		Conductor Size sqmm		SPLICES	HYDRAULIC TOOLS HT 131-UC RHU 131-C B 131-UC			
			Al	Al/Cu		DIE HOLDER	DIE	INDENTOR	
10	MTMA 10-GC					AU 130-150	MVM 35	MUA 35	PS 130-35/E
16	MTMA 16-GC	MTMA 16/1	16	10	MTMA 16-10 GC				
25	MTMA 25-GC	MTMA 25/1	25	10	MTMA 25-10 GC				
			25	16	MTMA 25-16 GC				
35	MTMA 35-GC	MTMA 35/1							
50	MTMA 50-GC	MTMA 50/1	50	25	MTMA 50-25 GC				
			50	35	MTMA 50-35 GC				
70	MTMA 70-GC	MTMA 70/1	70	35	MTMA 70-35 GC				
			70	50	MTMA 70-50 GC				
95	MTMA 95-GC	MTMA 95/1	95	50	MTMA 95-50 GC				
			95	70	MTMA 95-70 GC				
120	MTMA 120-GC	MTMA 120/1	120	70	MTMA 120-70 GC				
			120	95	MTMA 120-95 GC				
150	MTMA 150-GC	MTMA 150/1	150	70	MTMA 150-70 GC				
			150	95	MTMA 150-95 GC				
185	MTMA 185-GC	MTMA 185/1	185	120	MTMA 185-120 GC				
			185	150	MTMA 185-150 GC				
240	MTMA 240-GC	MTMA 240/1	240	150	MTMA 240-150 GC				
			240	185	MTMA 240-185 GC				
300	MTMAD 300-GC	MTMAD 300/1	300	185	MTMAD 300-185 GC				
			300	240	MTMAD 300-240 GC				
					AU 130-240	MVM 240	MUA 240	PS 130-240/E	
						MUA 300-34			

PRE-ROUNDERS SELECTION			DIES DESCRIPTION	DIES SEQUENCE	
ALUMINIUM CONDUCTOR SIZE sqmm	PRE-ROUNDER	DIE-SUPPORT		CONDUCTOR ROUNDING	CRIMPING
			<p>1) AU 130-.. DIE-HOLDER Used to house dies and pre-rounders.</p> <p>2) UP 130-.. PRE-ROUNDERS Used to round aluminium sectoral conductors in order to introduce them into circular connectors. Each pre-rounder is made of two parts: the upper part is housed in die-holder AU 130-.. and the lower part is locked onto AC 130-P.. die support.</p> <p>3) AC 130-P.. DIE SUPPORT Houses lower part of pre-rounder UP 130-..</p> <p>4) MUA... DIES Containing dies.</p> <p>5) PS 130-../E INDENTORS Such indentors are specifically engineered for deep indentation of aluminium conductors of any stranding configuration.</p>	1	1
25	UP 130-25	AC 130-P		2	4
35	UP 130-35			3	5
50	UP 130-50				
70	UP 130-70				
95	UP 130-95				
120	UP 130-120				
150	UP 130-150				
185	UP 130-185				
240	UP 130-240				