












GUIA DE UTILIZAÇÃO DE MATRIZES







TERMINAIS E UNIÕES TUBULARES




MATRIZ	COBRE								ALUMÍNIO	
 HD5										
Sec. transversal (mm ²)	Ref. matrizes				Largura (mm)				Ref. matrizes	Largura (mm)
10	HD5-07								-	-
16	HD5-08								HD5-11	
25	HD5-10				7				HD5-11	7
35	HD5-11								HD5-14	
50	HD5-13								MK16-C5	
70	HD5-14				5				HD5-18	5
95	HD5-17				7				HD5-22	7
120	HD5-18								HD5-22	
150	HD5-20				5				HD5-25	5
185	HD5-22								-	-
240	HD5-25								-	-

TERMINAIS TDT



MATRIZ	COBRE	
 HD5		
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)
50	HD5-14	
70	HD5-14	
95	HD5-18	5
120	HD5-20	
150	HD5-22	
185	HD5-22	





CONECTORES E TERMINAIS RJU, BT, RBT, RJA, TBF E TBEM

MATRIZ	COBRE		ALUMÍNIO / BIMETÁLICOS				
 HD5							
Sec. transversal (mm²)	Ref. matrizes	Largura (mm)	Ref. matrizes	Largura (mm)			
25	HD5-20	5	HD5-20	5			
35							
50							
70							
95	HD5-25	-	-	-			
120							
150							
185	-	-	HD5-20	5			
30							
56							
78							
110	HD5-25		HD5-25				

TERMINAIS BIMETÁLICOS TDC/S E TDC/A













MATRIZ	TDC/S	
 HD5		
Sec. transversal (mm²)	Ref. matrizes	Largura (mm)
16	-	-
25		
35		
50		
70	HD5-20	6
95	HD5-25	5
120		
150		
30	HD5-20	6
54,6		
56		
78		
80	HD5-25	5
110		
145		

CAIXAS DE DERIVAÇÃO




MATRIZ	CRC, CRA, CRS	
 CDC5		
Referência	Ref. matrizes	Largura (mm)
CRC-3	CDC5-25	5
CRC-4		
CRC-5		
CRC-6		
-	CDC5-35	5
-		
-		
CRC-7	CDC5-70	
CRA-1		
CRS-1		
CRC-8		
CRC-9		
-		
-		



TERMINAIS E UNIÕES TUBULARES









MATRIZ	COBRE								ALUMÍNIO	
  HD6										
Sec. transversal (mm²)	Ref. matrizes				Largura (mm)				Ref. matrizes	Largura (mm)
10	HD6-07				7				-	-
16	HD6-08				12				HD6-11	-
25	HD6-10				12				HD6-11	12
35	HD6-11				10				HD6-14	-
50	HD6-13				9				MK16-C6	10
70	HD6-14				8				HD6-18	9
95	HD6-17				6				HD6-22	8
120	HD6-18				5				HD6-22	12
150	HD6-20				-				HD5-25	5
185	HD6-22				-				HD5-28	-
240	HD6-25				-				-	-
300	HD6-28				-				-	-

TERMINAIS TDT




MATRIZ	COBRE	
  HD6		
Sec. transversal (mm²)	Ref. matrizes	Largura (mm)
50	HD6-14	10
70	HD6-18	8
95	HD6-20	6
120	HD6-22	5
150	HD6-22	5
185	HD6-22	5
240	HD6-28	5






CONECTORES E TERMINAIS RJU, BT, RBT, RJA, TBF E TBEM

MATRIZ	COBRE		ALUMINIO / BIMETÁLICOS				
  HD6	 RJU						
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)	BT	RBT	RJA	TBF	TBEM
25	HD6-20	6	HD6-20			6	
35			HD6-20				
50			HD6-20				
70			HD6-20				
95			HD6-20				
120	HD6-25	5	HD6-25			5	
150			HD6-25				
185			-				
30	-	-	HD6-20			6	
56			HD6-20				
78			HD6-20				
110			HD6-25				5

TERMINAIS BIMETÁLICOS TDC/S E TDC/A

MATRIZ	TDC/S	
  HD6	 TDC/S	
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)
16	-	-
25		
35		
50		
70		
95	HD6-20	6
120		
150		
30	HD6-25	5
54,6		
56		
78		
80		
110	HD6-20	6
145		
110	HD6-25	5
145		

LIGADORES TIPO "C"

MATRIZ	LIGADORES TIPO "C"	
  CDC6	 CRC CRA CRS	
Referência	Ref. matrizes	Largura (mm)
CRC-3	CDC6-25	5
CRC-4		
CRC-5		
CRC-6		
CRC-10		
CRC-11		
CRC-12		
CRC-7		
CRA-1		
CRS-1		
CRC-8		
CRC-9		
CRA-2	CDC6-70	
-		






NORMA DIN				
MATRIZ	COBRE		ALUMÍNIO	
 MK-C	 TCD (DIN 46235)	 MCD (DIN 46267)	 TBE/D (DIN 46329)	
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)	Ref. matrizes	Largura (mm)
10	MK6-C	7	-	-
16	MK8-C			
25	MK10-C	12	MK12-C	
35	MK12-C	14	MK14-C	
50	MK14-C		MK16-C	12
70	MK16-C		MK18-C	
95	MK18-C	12	MK22-C	
120	MK20-C		MK25-C	
150	MK22-C		MK28-C	10
185	MK25-C		MK32-C	
240	MK28-C	10	MK34-C	7
300	MK32-C	7		





TERMINAIS E UNIÕES TUBULARES				
MATRIZ	COBRE		ALUMÍNIO	
 HD13	 T	 TL	 T45°	 T90°
 TT	 TPE	 CP	 M	 MAL
 TBE				
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)	Ref. matrizes	Largura (mm)
10	HD13-07	7	-	-
16	HD13-08		MK12-C	
25	HD13-10		MK12-C	
35	HD13-11		MK14-C	
50	HD13-13		MK16-C	12
70	HD13-14		MK18-C	
95	HD13-17	12	MK22-C	
120	HD13-18		MK22-C	
150	HD13-20		MK25-C	
185	HD13-22		MK28-C	10
240	HD13-25		MK32-C	
300	HD13-28	10	MK34-C	7
400	HD13-32	7	-	-



TERMINAIS TDT

MATRIZ	COBRE	
  HD13	 TDT	
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)
50	HD13-14	12
70		
95	HD13-18	
120	HD13-20	
150	HD13-22	
185		10
240	HD13-28	
300	HD13-32	
400	HD13-34	7

CONECTORES E TERMINAIS DE COBRE E ALUMÍNIO RJU, BT, RBT, RJA, TBF E TBEM

MATRIZ	COBRE		ALUMÍNIO / BIMETÁLICOS		
  HD13	 RJU		 BT RBT RJA TBF TBEM		
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)	Ref. matrizes	Largura (mm)	
25	HD13-20	12	HD13-20	12	
35					
50					
70					
95					
120	HD13-32	7	HD13-20	7	
150					
185					
240	-	-	HD13-25	7	
30					
56					
78					
110					
180			HD13-32		

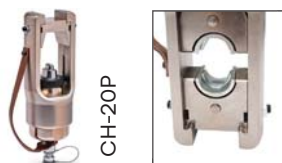


TERMINAIS BIMETÁLICOS TDC/S E TDC/A CRAVAÇÃO HEXAGONAL

MATRIZ		
 HD13	 TDC/S	
Sec. transversal (mm ²)	Ref. matrizes	Largura (mm)
50	HD13-20	12
70		
95		
120		
150		
185	HD13-32	
240		
30	HD13-20	
54,6		
56		
78		
80		
110	HD13-25	
145		
180	HD13-32	7

LIGADORES TIPO "C"

MATRIZ						
 CD13	 CRC			 CRA CRS		
	Referência COBRE	Ref. matrizes	Largura (mm)	Referência ALUMÍNIO	Ref. matrizes	Largura (mm)
	CRC-3	CD13-25	35	CRS-0	CD13-70	35
	CRC-4					
	CRC-5					
	CRC-6					
	CRC-7					
	CRC-8	CD13-70		CRA-1	CD13-35	
	CRC-9			CRS-3		
	CRC-10	CD13-120 AL		CRA-3		
	CRC-11			CRS-8		
	CRC-12	CD13-95		CRA-3A		
	CRC-13			CRS-9		
	CRC-14	CD13-150		CRA-4	CD13-300	
	CRC-15			CRS-10		
	CRC-16	CD13-300		CRS-11		
				CRS-12		



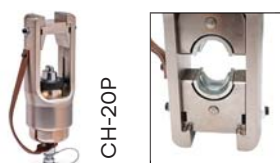
CH-20P

TERMINAIS E UNIÕES TUBULARES

MATRIZES		ADAPTADOR	COBRE							
HD13	HD20	AD-20T-13T HEX	T	TL	T45°	T90°	TT	TPE	CP	M
Secção transversal (mm ²)			Ref. adaptadores	Ref. matrizes			Largura (mm)			
10			AD-20T-13T HEX	HD13-07			12	7		
16				HD13-08						
25				HD13-10						
35				HD13-11						
50				HD13-13						
70				HD13-14						
95				HD13-17						
120				HD13-18						
150				HD13-20						
185				HD13-22						
240			HD13-25							
300			HD13-28			10				
400			HD13-32			7				
500			HD20-38			17				
630			HD20-44							

TERMINAIS E UNIÕES TUBULARES

MATRIZ	ADAPTADOR	ALUMÍNIO			
MK-C	AD-20T-13T HEX	MAL	TBE		
Secção transversal (mm ²)		Ref. adaptadores	Ref. matrizes	Largura (mm)	
10		-	-	-	
16		AD-20T-13T HEX	MK12-C	12	
25			MK12-C		
35			MK14-C		
50			MK16-C		
70			MK18-C		
95			MK22-C		
120			MK22-C		
150			MK25-C		
185			MK28-C		10
240			MK32-C		7
300		MK34-C			



CH-20P

NORMA DIN					
MATRIZES		ADAPTADOR	COBRE		
MK-C	HD20	AD-20T-13T HEX	TCD (DIN 46235)	MCD (DIN 46267)	
Secção transversal (mm ²)		AD-20T-13T HEX	Ref. adaptadores	Ref. matrizes	Largura (mm)
10			MK6-C	7	
16					
25					
35					
50			MK12-C	14	
70					
95					
120					
150			MK18-C	12	
185					
240					
300					
400		-	MK20-C	10	
500					-
		-	MK25-C	17	
					-
		-	MK32-C		
				-	MK38-200
		-	MK42-200		

NORMA DIN					
MATRIZES		ADAPTADOR	ALUMÍNIO		
MK-C	HD20	AD-20T-13T HEX	TBE/D (DIN 46329)		
Secção transversal (mm ²)		AD-20T-13T HEX	Ref. adaptadores	Ref. matrizes	Largura (mm)
25			MK12-C	14	
35					
50					
70					
95			MK18-C	12	
120					
150					
185					
240			-	MK22-C	10
300					
400		-	MK28-C	17	
500					-
		-	MK34-C		
				-	MK38-200
		-	MK44-200		








CH-20P



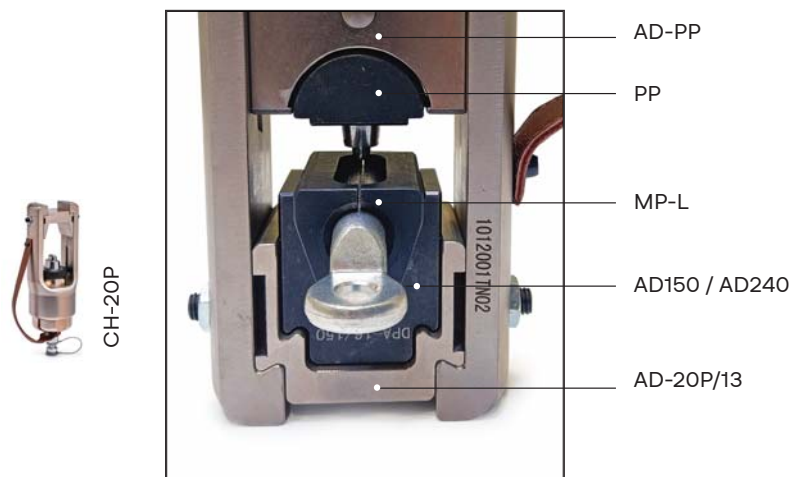
UNIÃO RJU

MATRIZ	ADAPTADOR	COBRE		
 HD13	 AD-20T-13T HEX	 RJU		
Secção transversal (mm ²)	Ref. adaptadores	Ref. matrizes	Largura (mm)	
25	AD-20T-13T HEX	HD13-20	12	
35				
50				
70				
95				
120				
150	AD-20T-13T HEX	HD13-25	7	
185		HD13-32		
240				

CONECTORES E TERMINAIS BT, RBT, RJA, TBF, TBEM E TDC

MATRIZES	ADAPTADOR										
 HD13	 HD20	 AD-20T-13T HEX		BT	RBT	RJA	TBF	TBEM		TDC/S	TDC/A
Secção transversal (mm ²)	Ref. adaptadores	Ref. matrizes	Largura (mm)	Secção transversal (mm ²)	Ref. adaptadores	Ref. matrizes hexagonais	Largura (mm)				
25	AD-20T-13T HEX	HD13-20	12	25	AD-20T-13T HEX	HD13-20	12				
35				35							
50				50							
70				70							
95				95							
120				120							
150	-	HD13-25	7	150	-	HD13-25	7				
185		185									
240		240									
300	-	HD20-40	17	300	-	HD20-40	17				
400		400									
500	AD-20T-13T HEX	HD13-20	12	500	AD-20T-13T HEX	HD13-20	12				
30				30							
56				54,6							
78				56							
110				78							
180				80							
	-	HD13-25	7	110	-	HD13-25	7				
		145									
		180									

De acordo com as normas UNE 211024-2 e NF C33-090-1 - Série 200

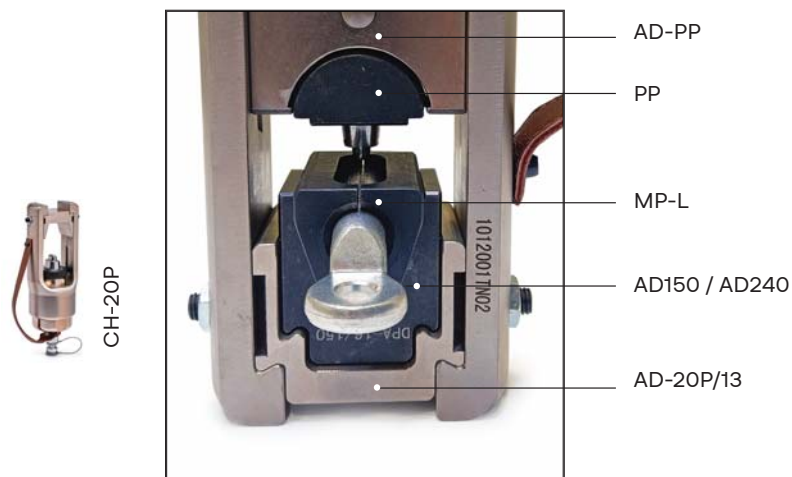


CONECTORES TDC/S E TDC/A						
ADAPTADORES		MATRIZ		PUNÇÃO		
AD-20P/13	AD	AD-PP	MP-L	DPD	PP	DPP
BIMETÁLICO						



Secção transversal (mm²)	Ref. adaptadores	Ref. adaptadores	Ref. matrizes por perfuração profunda	Ref. adaptadores	Ref. punções	Ref. marca	
16	AD-20P/13	AD150	MP35L	AD-PP	PP35	0E	
25			MP95L		PP95	1E	
35					MP150L	PP150	2E
50						PP240	4E
70			AD240		MP240L		
95			-		DPA-300/630	DPD-300/400L	-
120	-	-		-			
150	-	-		-		-	
185	-	-		-		-	
240	-	-	DPD-500/630L	-	DPP-500/630	6E	
300	-	-	-	-	-	-	
400	-	-	-	-	-	-	
500	-	-	-	-	-	-	
630	-	-	-	-	-	-	

De acordo com as normas UNE 211024-2 e NF C33-090-1 - Série 200



CONECTORES E TERMINAIS BT, RBT, TBF E TBEM

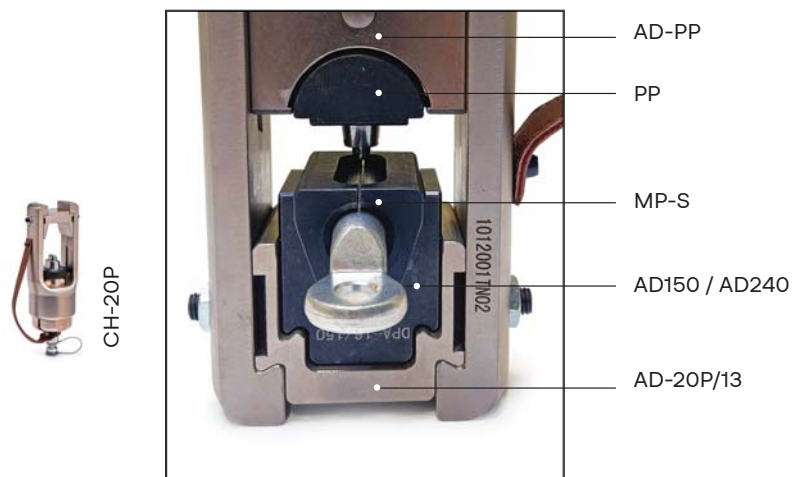
ADAPTADORES			MATRIZ		PUNÇÃO	
AD-20P/13	AD	AD-PP	MP-L	DPD	PP	DPP





ALUMÍNIO



Secção transversal (mm ²)	Ref. adaptadores	Ref. adaptadores	Ref. Matrizes por perfuração profunda	Ref. adaptadores	Ref. punções	Ref. marca
16	AD-20P/13	AD150	MP95L	AD-PP	PP95	1E
25						
35						
50		AD240	MP150L		PP150	2E
70						
95						
120	-	DPA-300/630	MP240L	PP240	4E	
150						
185			DPD-300/400L	PP300/400	5E	
240			-	-		
300			DPD-500/630L	DPP-500/640		
400						
500						
630						

De acordo com as normas UNE 211024-2 e NF C33-090-1 - Série 200



CONECTORES RJA					
ADAPTADORES			MATRIZ	PUNÇÃO	
					
AD-20P/13	AD	AD-PP	MP-S	PP	

ALUMÍNIO



Secção transversal (mm ²)	Ref. adaptadores	Ref. adaptadores	Ref. Matrizes por perfuração profunda	Ref. adaptadores	Ref. punções	Ref. marca
16	AD-20P/13	AD150	MP95S	AD-PP	PP95	1E
25						
35						
50		AD240	MP150S		PP150	2E
70						
95						
120	-	DPA-300/630	DPD-300/400S	-	PP300/400	5E
150						
185						
240						
300						
400						
500						



LIGADORES TIPO "C"

MATRIZ	ADAPTADOR						
 CD13	 AD-20T-13T HEX	 CRC			 CRA CRS		
Largura (mm)		Referência COBRE	Ref. adaptadores	Ref. matrizes	Referência ALUMÍNIO	Ref. adaptadores	Ref. matrizes
35		CRC-3	AD-20T-13T HEX	CD13-25	CRS-0	AD-20T-13T HEX	CD13-70
		CRC-4			CRA-2		
		CRC-5			CRS-1		CD13-35
		CRC-6		CD13-35	CRA-1		
		CRC-7		CD13-70	CRS-3		CD13-120 AL
		CRC-8		CD13-95	CRA-3		
		CRC-9		CD13-150	CRS-8		CD13-300
		CRC-10		CD13-300	CRA-3A		
		CRC-11			CRS-9		
		CRC-12			CRA-4		
		CRC-13			CRS-10		
		CRC-14			CRS-11		
		CRC-15			CRS-12		
		CRC-16					







TERMINAIS E UNIÕES TUBULARES




MATRIZES		ADAPTADOR	COBRE							
HD13	HD25	AD-25H-13H	T	TL	T45°	T90°	TT	TPE	CP	M
Secção transversal (mm ²)		Ref. adaptadores	Ref. matrizes	Largura (mm)						
10		AD-25H/13H	HD13-07	7						
16			HD13-08	7						
25			HD13-10	12						
35			HD13-11	12						
50			HD13-13	12						
70			HD13-14	12						
95			HD13-17	12						
120			HD13-18	12						
150			HD13-20	12						
185			HD13-22	12						
240		HD13-25	12							
300		HD13-28	10							
400		HD13-32	7							
500		-	HD25-38	17						
630		-	HD25-44	17						

TERMINAIS E UNIÕES TUBULARES

MATRIZES		ADAPTADOR			
MK-C	MK	AD-25H-13H	MAL	TBE	
Secção transversal (mm ²)		Ref. adaptadores	Ref. matrizes	Largura (mm)	
16		AD-25H/13H	MK12-C	12	
25			MK12-C	12	
35			MK14-C	12	
50			MK16-C	12	
70			MK18-C	12	
95			MK22-C	12	
120			MK22-C	12	
150			MK25-C	12	
185			MK28-C	10	
240			MK32-C	7	
300		-	MK34-C	17	



NORMA DIN				
MATRIZ	ADAPTADOR	COBRE		
 MK	 AD-25H-13H	 TCD (DIN 46235)	 MCD (DIN 46267)	
	Secção transversal (mm ²)	Ref. adaptadores	Ref. matrizes	Largura (mm)
	10	AD-25H/13H	MK6-C	7
	16		MK8-C	
	25		MK10-C	12
	35		MK12-C	14
	50		MK14-C	
	70		MK16-C	
	95		MK18-C	12
	120		MK20-C	
	150		MK22-C	
	185		MK25-C	
	240	MK28-C	10	
	300	MK32-C	7	
	400	MK38-250	17	
	500	-	MK42-250	

NORMA DIN				
MATRIZES	ADAPTADOR	ALUMÍNIO		
 MK HD25	 AD-25H-13H	 TBE/D (DIN 46329)		
	Secção transversal (mm ²)	Ref. adaptadores	Ref. matrizes	Largura (mm)
	25	AD-25H/13H	MK12-C	14
	35		MK14-C	
	50		MK16-C	
	70		MK18-C	12
	95		MK22-C	
	120		MK22-C	
	150		MK25-C	
	185		MK28-C	10
	240		MK32-C	7
	300		MK34-230	
	400	MK38-250	17	
	500	-	MK44-250	



CONECTORES DE COBRE RJU

MATRIZ	ADAPTADOR	COBRE		
 HD13	 AD-25H-13H	 RJU		
Secção transversal (mm ²)		Ref. adaptadores	Ref. matrizes	Largura (mm)
25		AD-25H/13H	HD13-20	12
35				
50				
70				
95			HD13-25	
120			HD13-32	
150				
185				
240				

CONECTORES E TERMINAIS DE ALUMÍNIO E BIMETÁLICOS BT, RBT, RJA, TBF E TBEM

MATRIZES	ADAPTADOR	ALUMÍNIO		
 HD13	 AD-25H-13H	 BT RBT RJA TBF TBEM		
Secção transversal (mm ²)		Ref. adaptadores	Ref. matrizes	Largura (mm)
25		AD-25H/13H	HD13-20	12
35				
50				
70				
95			HD13-25	
120			HD13-32	
150				
185				
240				
300		-	HD25-40	17
400			HD25-46	
500		AD-25H/13H	HD13-20	12
30			HD13-25	
56			HD13-32	
78				
110				
180				



CH-25

TERMINAIS TDC/S E TDC/A

MATRIZES		ADAPTADOR	BIMETÁLICO		
HD13	HD25	AD-25H-13H	TDC/S	TDC/A	
Secção transversal (mm ²)			Ref. adaptadores	Ref. matrizes	Largura (mm)
50			AD-25H/13H	HD13-20	12
70				HD13-25	
95				HD13-32	
120				HD25-40	26
150				HD25-46	
185			AD-25H/13H	HD13-20	12
240				HD13-25	
300				HD13-32	
400				HD13-25	26
500				HD13-32	
30					
54,6					
56					
78					
80					
110					
145					
180					

LIGADORES TIPO "C"

MATRIZES		ADAPTADOR	C			C		
CD13	HD25	AD-25H-13H	CRC	CRA	CRS			
Largura (mm)			Ref. COBRE	Ref. ALUMÍNIO	Ref. ALUMÍNIO	Ref. adaptadores	Ref. matrizes	
35			CRC-3	CD13-25	CRS-0	AD-25H/13H	CD13-70	
			CRC-4	CD13-35	CRA-2		CD13-35	
			CRC-5	CD13-70	CRS-1		CD13-120 AL	
			CRC-6	CD13-95	CRA-1		CD13-300	
			CRC-7	CD13-150	CRS-3			
			CRC-8	CD13-300	CRA-3			
			CRC-9		CRS-8			
			CRC-10		CRA-3A			
			CRC-11		CRS-9			
			CRC-12		CRA-4			
			CRC-13		CRS-10			
			CRC-14		CRA-11			
			CRC-15		CRS-12			
			CRC-16					

Código	Ref.	Código	Ref.	Código	Ref.
MATRIZES					
20304000	MK20-C	402006	HD13-17 95CU/70AL	407005	HD6-14
20304001	MK16-C	402007	HD13-18 120CU/95AL	407006	HD6-17
20304002	MK18-C	402008	HD13-20	407007	HD6-18
20304003	MK10-C	402009	HD13-21 120AL	407008	HD6-20
20304004	MK14-C	402010	HD13-22 185CU/120AL	407009	HD6-21
20304006	MK34-C	402011	HD13-25 240CU/150AL	407010	HD6-22
20304007	MK6-C	402012	HD13-28 300CU/185AL	407011	HD6-25
20304008	MK8-C	402013	HD13-32 400CU/240AL	407012	HD6-28
20306002	RD20-240	402014	HD13-34 300AL	407013	CDC6-25
20306003	RD20-300	402015	CD13-25	407014	CDC6-35
20306004	RD20-400	402016	CD13-35	407015	CDC6-70
20307000	DPD-500/630L	402017	CD13-70	407016	CDC6-95
20309000	HD100-70/SA	402018	CD13-95 CU		
401000	HD5-07 10CU	402019	CD13-150 CU	ADAPTADORES	
401001	HD5-08 16CU	402020	CD13-120 AL	375000	AD-13U-13C
401002	HD5-10 25CU/16AL	402021	CD13-300	375001	AD-20T-13T HEX
401003	HD5-11 35CU/25AL	402022	MK12-C	375002	AD-PP
401004	HD5-13 50CU/35AL	402023	MK22-C	403000	AD-25H/13H
401005	HD5-14 70CU/50AL	402024	MK25-C	406000	AD-150
401006	HD5-17 95CU/70AL	402025	MK28-C	406009	AD-240
401007	HD5-18 120CU/95AL	402026	MK32-C	406013	DPA-300/630
401008	HD5-20 150CU	403005	HD20-40	406016	AD-20P/13
401009	HD5-21 120AL	403006	HD20-46		
401010	HD5-22 185CU/120AL	406001	MP-35L	PUNÇÕES	
401011	HD5-25 240CU/150AL	406003	MP-95L	20307001	DPP-500/630 6E
401012	CDC5-25 25-25CU/35-1	406004	MP-95S	406002	PP-35 0E
401013	CDC5-35 35-35CU/AL	406006	MP-150L	406005	PP-95 1E
401014	CDC5-70 70-70CU/70-5	406007	MP-150S	406008	PP-150 2E
402000	HD13-07 10CU	406010	MP-240L	406012	PP-240 4E
402001	HD13-08 16CU	406011	MP-240S	406015	DPP-300/400 5E
402002	HD13-10 25CU/16AL	406014	DPD-300/400L	406017	DPD-300/400S
402003	HD13-11 35CU/25AL	407000	HD6-07		
402004	HD13-13 50CU/35AL	407001	HD6-08		
402005	HD13-14 70CU/50AL	407002	HD6-10		
		407003	HD6-11		
		407004	HD6-13		



ESCRITÓRIO E ARMAZÉM

C. Thomas Alva Edison, 16-17
Pol. Industrial Plans d'Arau
08787 La Pobla de Claramunt - BCN
Espanha

FÁBRICA E LABORATÓRIO

C. Thomas Alva Edison, 12-13
Pol. Industrial Plans d'Arau
08787 La Pobla de Claramunt - BCN
Espanha

ATENDIMENTO AO CLIENTE

T. + 34 93 808 79 80
bribeiro@sofamel.pt

www.sofamel.pt