

USE GUIDE FOR **DIES**



MANUFACTURER OF SAFETY AND CONNECTION MATERIAL



OFICINA Y ALMACÉN

C/ Thomas Alva Edison, 16-17
Pol. Industrial Plans d'Arau
08787 La Pobla de Claramunt (Barcelona) Spain

FÁBRICA Y LABORATORIO

C/ Thomas Alva Edison, 12-13
Pol. Industrial Plans d'Arau
08787 La Pobla de Claramunt (Barcelona) Spain

ATENCIÓN AL CLIENTE

Tel. +34 93 808 79 80
ventas@sofamel.es
export@sofamel.es

www.sofamel.com

Sofamel S.L. es una empresa española dedicada a la fabricación de material eléctrico de conexión, así como material de seguridad y protección eléctrica.

El principal objetivo de Sofamel ha sido alcanzar un elevado grado de especialización con el ánimo de brindar una solución global a nuestros clientes. Todo ello respaldado por unos estrictos cánones de calidad como también por fuertes inversiones en maquinaria y diseño para la fabricación de todos aquellos productos que salen de nuestra fábrica y que nos ha permitido ofrecer una de las gamas más amplias de artículos existentes en el mercado.

Nuestro compromiso con el trabajo bien hecho hace que poseamos el certificado gestión de la calidad según la norma UNE-EN ISO 9001: 2015 y el certificado I+D+i según la norma UNE 166002:2006 otorgados por la Asociación Española de Normalización y Certificación (AENOR).




sofamel










index














TERMINALS

- 
- Hexagonal or semi-punched compression
- 06 Mod. T
 - 06 Mod. TL
 - 06 Mod. T45°
 - 06 Mod. T90°
 - 07 Mod. TT
 - 07 Mod. T4H
 - 07 Mod. TDT
 - 07 Mod. TPE
 - 07 Mod. CP
 - 08 Mod. M
- Oval compression
- 08 Mod. CPP
- Hexagonal compression
- 10 Mod. RJU
 - 08 Mod. TCD
 - 10 Mod. MCD
 - 10 Mod. MAL
 - 10 Mod. TBE
 - 10 Mod. TBES
 - 10 Mod. TBEM/A
 - 10 Mod. TDC/A
- Semi-punched compression in accordance with DIN 46234
- 08 Mod. TD
- Deep punched compression
- 10 Mod. BT
 - 10 Mod. RBT
 - 10 Mod. RJA
 - 10 Mod. TBEM/S
 - 10 Mod. TDC/S
 - 10 Mod. TBF
- Deep punched (aluminium part)
hexagonal (copper part) compression
- 10 Mod. MBI
 - 08 Mod. RJAU
- Elliptical/circular compression
- 11 Mod. CRC
 - 11 Mod. CRA
 - 11 Mod. CRS

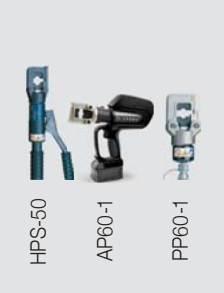






USER GUIDE FOR **DIES**

		TOOLS AND DIES											
													
		Section of cable	Die	Num. press.	Cradle	Punch	Num. press.	Die	Num. press.	Adapter	Die	Num. press.	
 T	COPPER	10	U5-K07	1	U13-S10	U13-PZ120	1	U13-K07	1	AD230-130	U13-K07	1	
		16	U5-K08		U13-S16			U13-K08			U13-K08		
		25	U5-K10		U13-S25			U13-K10			U13-K10		
		35	U5-K11		U13-S35			U13-K11			U13-K11		
		50	U5-K13		U13-S50			U13-K13			U13-K13		
		70	U5-K14	U13-S70	U13-K14	U13-K14							
		95	U5-K17	2	U13-S95	U13-K17	U13-K17	U13-K17					
		120	U5-K18		U13-S120	U13-K18	U13-K18	U13-K18					
		150	U5-K20	2	U13-S150	U13-K20	U13-K20	U13-K20					
		185	U5-K22		U13-S185	U13-K22	U13-K22	U13-K22					
		240	U5-K25		U13-S240	U13-K25	U13-K25	U13-K25					
		300			U13-S300	U13-PZ300	U13-K28	U13-K28	U13-K28	U13-K28	3		3
		400					U13-K32				3		
500													
630													
 TL	COPPER	10	U5-K07	1	U13-S10	U13-PZ120	1	U13-K07	1	AD230-130	U13-K07	1	
		16	U5-K08	2	U13-S16			U13-K08			U13-K08		
		25	U5-K10	3	U13-S25			U13-K10			U13-K10		
		35	U5-K11		U13-S35			U13-K11			U13-K11		
		50	U5-K13		U13-S50			U13-K13			U13-K13		
		70	U5-K14	U13-S70	U13-K14	U13-K14	U13-K14						
		95	U5-K17	2	U13-S95	U13-K17	U13-K17	U13-K17					
		120	U5-K18		U13-S120	U13-K18	U13-K18	U13-K18					
		150	U5-K20	3	U13-S150	U13-K20	U13-K20	U13-K20					
		185	U5-K22		U13-S185	U13-K22	U13-K22	U13-K22					
		240	U5-K25		U13-S240	U13-K25	U13-K25	U13-K25					
		300			U13-S300	U13-PZ300	U13-K28	U13-K28	U13-K28	U13-K28			
		400					U13-K32						
500													
630													
 T45°	COPPER	10	U5-K07	1	U13-S10	U13-PZ120	1	U13-K07	1	AD230-130	U13-K07	1	
		16	U5-K08		U13-S16			U13-K08			U13-K08		
		25	U5-K10		U13-S25			U13-K10			U13-K10		
		35	U5-K11		U13-S35			U13-K11			U13-K11		
		50	U5-K13		U13-S50			U13-K13			U13-K13		
		70	U5-K14	2	U13-S70	U13-K14	U13-K14						
		95	U5-K17	2	U13-S95	U13-K17	U13-K17	U13-K17					
		120	U5-K18		U13-S120	U13-K18	U13-K18	U13-K18					
		150	U5-K20	3	U13-S150	U13-K20	U13-K20	U13-K20					
		185	U5-K22		U13-S185	U13-K22	U13-K22	U13-K22					
		240	U5-K25		U13-S240	U13-K25	U13-K25	U13-K25					
		10	U5-K07		U13-S10	U13-PZ240	U13-K07	U13-K07	U13-K07	2			
		 T90°	COPPER	16	U5-K08	1	U13-S16	U13-PZ120	1	U13-K08	1	AD230-130	U13-K08
25	U5-K10			U13-S25	U13-K10		U13-K10						
35	U5-K11			U13-S35	U13-K11		U13-K11						
50	U5-K13			2	U13-S50	U13-K13	U13-K13	U13-K13					
70	U5-K14				U13-S70	U13-K14	U13-K14						
95	U5-K17			2	U13-S95	U13-K17	U13-K17	U13-K17					
120	U5-K18				U13-S120	U13-K18	U13-K18	U13-K18					
150	U5-K20			3	U13-S150	U13-K20	U13-K20	U13-K20					
185	U5-K22				U13-S185	U13-K22	U13-K22	U13-K22					
240	U5-K25	U13-S240	U13-K25		U13-K25	U13-K25							








USER GUIDE FOR **DIES**

		TOOLS AND DIES													
		 HPS-50 AP60-1 PP60-1			 HPN-130-C HPN-130-H API30-C API30-H PP-130-H				 PP-230-H PP-230-630						
	Section of cable	Die	 Num. press.	Cradle	Punch	 Num. press.	Die	 Num. press.	Adapter	Die	 Num. press.				
 TT	COPPER	10	1	U13-S10	U13-PZ120	1	U13-K07	1	AD230-130	U13-K07	1				
		16		U13-S16						U13-K08		U13-K08			
		25		U13-S25						U13-K10		U13-K10			
		35		U13-S35						U13-K11		U13-K11			
		50		U13-S50						U13-K13		U13-K13			
		70		U13-S70						U13-K14		U13-K14			
		95	2	U13-S95						U13-K17		U13-K17			
		120		U13-S120						U13-K18		U13-K18			
		150		U13-S150						U13-K21		U13-K21			
		185	3	U13-S185			U13-PZ240			U13-K22		U13-K22			
	240		U13-S240		U13-K25	U13-K25									
	300		U13-S300	U13-PZ300	U13-K28	U13-K28									
	400				U13-K32	U13-K32	4		U13-K28	4					
								4		MK38-230	2				
 T-4H	COPPER	185	4	U13-S185	U13-PZ240	1	U13-K22	2	AD230-130	U13-K22	2				
		240		U13-S240			U13-K25			U13-K25					
		300		U13-S300	U13-PZ300		U13-K28			U13-K28					
		400					U13-K32			U13-K32					
		500												MK32-230	2
		630												MK38-230	2
	800								MK44-230	3					
 TDT	COPPER	50	3	U13-S50	U13-PZ120	1	U13-K13	2	AD230-130	U13-K13	2				
		70		U13-S70			U13-K14			U13-K14					
		95		U13-S95			U13-K17			U13-K17					
		120		U13-S120			U13-K18			U13-K18					
		150		U13-S150			U13-K20			U13-K20					
		185		U13-S185			U13-K22			U13-K22					
		240		U13-S240			U13-K25			U13-K25					
		300		U13-S300			U13-K28			U13-K28					
	400		U13-K32	U13-K32											
	500								MK34-230	4					
									MH23-40	2					
 TPE	COPPER	50	1	U13-S50	U13-PZ120	1	U13-K13	1	AD230-130	U13-K13	1				
		70	2	U13-S70			U13-K14			U13-K14					
		95		U13-S95			U13-K17			U13-K17					
		120		U13-S120			U13-K18			U13-K18					
		150	3	U13-S150			U13-K20			U13-K20					
		185		U13-S185			U13-K22			U13-K22					
	240	4	U13-S240	U13-K25	U13-K25										
 CP	COPPER	10	1	U13-S10	U13-PZ120	1	U13-K07	1	AD230-130	U13-K07	1				
		16					U13-S16			U13-K08		U13-K08			
		25					U13-S25			U13-K10		U13-K10			
		35					U13-S35			U13-K11		U13-K11			
		50					U13-S50			U13-K13		U13-K13			
 CPP	COPPER	10	1				U13-P10	1	AD230-130	U13-P10	1				
		16								U13-P16		U13-P16			
		25								U13-P25		U13-P25			
		35								U13-P35		U13-P35			
		50								U13-P50		U13-P50			
		70								U13-P70		U13-P70			
	95				U13-P95	U13-P95									















USER GUIDE FOR **DIES**

		TOOLS AND DIES										
		 HPS-50 AP60-1 PP60-1			 HPN-130-C HPN-130-H AP130-C AP130-H PP-130-H			 PP-230-H PP-230-630				
	Section of cable	Die	Num. press.	Cradle	Punch	Num. press.	Die	Num. press.	Adapter	Die	Num. press.	
 M	COPPER	10	U5-K07	U13-S10	U13-PZ120	1	U13-K07	1	AD230-130	U13-K07	1	
		16	U5-K08				U13-S16			U13-K08		U13-K08
		25	U5-K10				U13-S25			U13-K10		U13-K10
		35	U5-K11				U13-S35			U13-K11		U13-K11
		50	U5-K13	U13-S50			U13-K13			U13-K13		
		70	U5-K14	U13-S70			U13-K14			U13-K14		
		95	U5-K17	U13-S95			U13-K17			U13-K17		
		120	U5-K18	U13-S120			U13-K18			U13-K18		
		150	U5-K20	U13-S150			U13-K20			U13-K20		
		185	U5-K22	U13-S185			U13-K22			U13-K22		
		240	U5-K25	U13-S240			U13-K25			U13-K25		
		300		U13-S300			U13-K28			U13-K28		
		400					U13-K32			U13-K32		
		500								MK32-230		
630				MK38-230								
				MK44-230								
 RJU	COPPER	25					U13-K20D	2	AD230-130	U13-K20D	2	
		35					U13-K20D			U13-K20D		
		50					U13-K20D			U13-K20D		
		70					U13-K20D			U13-K20D		
		95					U13-K20D			U13-K20D		
		120					U13-K20D			U13-K20D		
		150					U13-K25M			U13-K25M		
		185					U13-K25M			U13-K25M		
240					U13-K32M	U13-K32M						
 TD	COPPER	10	MD10-50/MD10-CK	1			MD16-C	1	AD230-130	MD16-C	1	
		16	MD16-50/MD16-CK		MD25-C	MD25-C						
		25	MD25-50/MD25-CK		MD35-C	MD35-C						
		35	MD35-50/MD35-CK		MD50-C	MD50-C						
		50	MD50-50/MD50-CK		MD-70-C	MD-70-C						
		70	MD70-50/MD70-CK		MD95-C	MD95-C						
		95	MD95-50		MD120-C	MD120-C						
		120			MD150-C	MD150-C						
		150			MD185-C	MD185-C						
		185			MD-240C	MD-240C						
240												
 TCD	COPPER	6	MK5-50	1			MK6-C	1	AD230-130	MK6-C	1	
		10	MK6-50		MK8-C	MK8-C						
		16	MK8-50		MK10-C	MK10-C						
		25	MK10-50		MK12-C	MK12-C						
		35	MK12-50		MK14-C	MK14-C						
		50	MK14-50		MK16-C	MK16-C						
		70	MK16-50		MK18-C	MK18-C						
		95	MK18-50		MK20-C	MK20-C						
		120	MK20-50		MK22-C	MK22-C						
		150	MK22-50		MK25-C	MK25-C						
		185	MK25-50		MK28-C	MK28-C						
		240	MK28-50		MK32-C	MK32-C						
		300				MK34-230						
		300				MK38-230						
		400				MK42-230						
		500				MK44-230						
625												

USER GUIDE FOR **DIES**









		TOOLS AND DIES																																											
		 HPS-50 AP60-1 PP60-1			 HPN-130-C HPN-130-H AP130-C AP130-H PP-130-H					 PP-230-H PP-230-630																																			
	Section of cable	Die	Hex. Num. press.	Adapter	Cradle	Punch	Hex. Num. press.	Die	Hex. Num. press.	Adapter	Die	Punch	Hex. Num. press.																																
 MCD	COPPER	6	MK5-CK																																										
		10	MK6-CK											1																															
		16	MK8-CK																																										
		25	MK10-CK																																										
		35	MK12-CK																																										
		50	MK14-CK																																										
		70	MK16-CK																																										
		95	MK18-CK																						2																				
		120	MK20-CK																																										
		150	MK22-CK																																										
		185	MK25-CK																																										
		240	MK28-CK																																										
		300	MK32-CK																																										
		300	MK32-CK																																										
		400																																											
500																																													
625																																													
800																																													
1000																																													
25	U5-K11	3																																											
35	U5-K13																																												
50	U5-K14																																												
70	U5-K17																																												
95	U5-K18																																												
120	U5-K21	4																																											
150	U5-K22																																												
185	U5-K25																																												
240																																													
300																																													
 BT	ALUMINIUM	25...95																																	AD13-150	95MCB	PPR95	2							
		120...150																																		150MCB	PPR150								
		185...240																																		U13-DC300AL	240MCB								PPR240
		300...400																																											
 RBT	ALUMINIUM	50/25			95MCB	PPR95	2																																						
		95/50			95MCB	PPR95																																							
		150/50			150MCB	PPR150																																							
		150/95			95MCB	PPR95																																							
					150MCB	PPR150																																							
		240/95			95MCB	PPR95																																							
		240/150			U13-DC300AL	240MCB							PPR240																																
					AD13-150	95MCB							PPR95																																
	U13-DC300AL	240MCB	PPR240																																										
 RJA	ALUMINIUM	25...95		AD13-150	95MC1S	PPR95	2																																						
		120...150			150MC1S	PPR150																																							
		185...240			U13-DC300AL	240MC1S								PPR240																															
		300...400													AD230-630	400MC3S	PPR400	2																											

USER GUIDE FOR **DIES**

		TOOLS AND DIES														
		 HPS-50 AP60-1 PP60-1			 HPN-130-C HPN-130-H AP130-C AP130-H PP-130-H					 PP-230-H PP-230-630						
		Section of cable	Die	 Num. press.	Adap.	Cradle	Punch	 Num. press.	Die	 Num. press.	Adapter	Cradle	Punch	Die	 Num. press.	
 TBE / TBES	ALUMINIUM	16	U5-K10	1-2					U13-K10	1-2	AD230-130			U13-K10	1-2	
		25	U5-K11	2-3					U13-K11			U13-K11				
		35	U5-K13	3-4					U13-K13			U13-K13				
		50	U5-K14		U13-K14	U13-K14										
		70	U5-K17	U13-K17	U13-K17											
		95	U5-K18	2-3					U13-K18	U13-K18		U13-K18	2-3			
		120	U5-K21		U13-K21	U13-K21										
		150	U5-K22	U13-K25	U13-K25											
		185	U5-K25	U13-K28	U13-K28											
		240		4					U13-K32	U13-K32		U13-K32	4			
		300			U13-K34	U13-K34										
		300														U13-K34
 TBE/D		25	MK12B-50	2					MK12-C	2				MK12-230	2	
		35	MK14B-50		MK14-C	MK14-230										
		50	MK16B-50		MK16-C	MK16-230										
		70	MK18B-50		MK18-C	MK18-230										
		95	MK22B-50	3					MK22-C	MK22B-230	3					
		120	MK22B-50		MK22-C	MK22B-230										
		150	MK25B-50		MK25-C	MK25B-230										
		185	MK28B-50		MK28L-C	MK28B-230										
		240	MK32B-50V	MK32L-C	MK32B-230											
		300													MK34B-230	
		400													MK38B-230	2
		500													MK44B-230	4
 TBEM/S TBEMA	ALUM.	25...95			AD13-150	95MCB	PPR95	2								
		120...150				U13-DC300AL	150MCB		PPR150							
		240					240MCB	PPR240								
		300														
 TDC/S	BIMETAL*	16...95			AD13-150	95MCB	PPR95	2								
		120...150				U13-DC300AL	150MCB		PPR150							
		240					240MCB	PPR240								
		300...400										AD230-630	400MC3S 630MC3S	PPR400 PPR630		2/3
 TDC/A	AERIAL	30							U13-K20D	3	AD230-130			U13-K20D	3	
		54,6							U13-K20D			U13-K20D				
		56							U13-K20D			U13-K20D				
		78							U13-K20D			U13-K20D				
		80							U13-K20D			U13-K20D				
		110							U13-K25M			U13-K25M				
 TBF	BIMETAL*	16...95			AD13-150	95MCB	PPR95	2								
		120...150				U13-DC300AL	150MCB		PPR150							
 MBI	BIMETAL	50/16							U13-K08	4	AD230-130			U13-K08	4	
		50/25				AD13-150	95MCB	PPR95	2				U13-K10		U13-K10	
		50/35								U13-K11		2			U13-K11	2
		95/16								U13-K08					U13-K08	
95/25								U13-K10					U13-K10			

* Al. cable to Cu plate.

USER GUIDE FOR **DIES**

		TOOLS AND DIES												
		 HPS-50 AP60-1 PP60-1			 HPN-130-C HPN-130-H AP130-C AP130-H PP-130-H					 PP-230-H PP-230-630				
		Section of cable	Die	Num. press.	Adapter	Cradle	Punch	Num. press.	Die	Num. press.	Adapter	Die	Num. press.	
 MBI	BIMETAL	95/35							U13-K11			U13-K11		
		95/50				95MC1S	PPR95		U13-K13	2		U13-K13	2	
		95/70							U13-K14			U13-K14		
		150/16							U13-K08	4		U13-K08	4	
		150/25							U13-K10			U13-K10		
		150/35							U13-K11			U13-K11		
		150/50				AD13-150	150MC1S	PPR150	2	U13-K13	3	AD230-130	U13-K13	3
		150/70							U13-K14				U13-K14	
		150/95							U13-K17				U13-K17	
		150/120							U13-K18				U13-K18	
		240/16							U13-K08	5			U13-K08	5
		240/25							U13-K10				U13-K10	
		240/35							U13-K11				U13-K11	
		240/50							U13-K13				U13-K13	
		240/70					U13-DC300AL	240MC1S	PPR240	2	U13-K14	3	AD230-130	U13-K14
240/95								U13-K17				U13-K17		
240/120								U13-K18				U13-K18		
240/150								U13-K20				U13-K20		
240/185								U13-K22				U13-K22		
 RJAU	BIMETAL	50/25							U13-K20D			U13-K20D		
		95/50												
		150/50												
		150/95				AD13-150	150MC1S	PPR150	2	U13-K25M	3	AD230-130	U13-K25M	3
		240/50												
		240/95												
240/150					U13-DC300AL	240MC1S	PPR240		U13-K32D	6		U13-K32D	6	
 CRC	COPPER	1							U13-DC10			U13-DC10		
		2							U13-DC10			U13-DC10		
		3							U13-DC25			U13-DC25		
		4	U5-DC25						U13-DC25			U13-DC25		
		5							U13-DC25			U13-DC25		
		6	U5-DC35	1					U13-DC35			U13-DC35		
		7							U13-DC35			U13-DC35		
		8	U5-DC70						U13-DC70	1	AD230-130	U13-DC70	1	
		9							U13-DC70			U13-DC70		
		10							U13-DC95			U13-DC95		
		11							U13-DC95			U13-DC95		
		12							U13-DC95			U13-DC95		
		13							U13-DC95			U13-DC95		
		14							U13-DC185			U13-DC185		
		15							U13-DC185			U13-DC185		
 CRA	ALUMINUM	1							U13-DC35			U13-DC35		
		2							U13-DA70			U13-DA70		
		3							U13-DA120	2	AD230-130	U13-DA120	2	
		3A							U13-DA120			U13-DA120		
		4							U13-DC300AL			U13-DC300AL		
 CRS	ALUMINUM	0							U13-DA70	2		U13-DA70	2	
		1							U13-DC25	1	AD230-130	U13-DC25	1	
		3							U13-DC120			U13-DC120		
		8							U13-DA120	1-2		U13-DA120	1-2	
		9							U13-DC300AL			U13-DC300AL		
		10							U13-DC300AL			U13-DC300AL		
		11							U13-DC300AL	2-3	AD230-130	U13-DC300AL	2-3	
		12							U13-DC300AL			U13-DC300AL		



www.sofamel.com

Tel. +34 93 808 79 80 - ventas@sofamel.es - export@sofamel.es