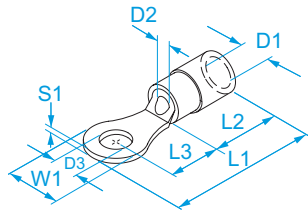


**PANEL BOARDS  
COMPONENTS  
AND ACCESSORIES  
2023**





## **PANEL BOARDS COMPONENTS AND ACCESSORIES**

**TERMINAL LUGS FOR COPPER CONDUCTORS - PVC INSULATED FROM SHEET - RING**


**TERMINAL MATERIAL:** tinned copper  
**INSULATION MATERIAL:** polyvinylchloride (PVC)  
**INSULATION SELF-EXTINGUISHING GRADE:** UL 94 V0  
**RATED VOLTAGE:** 300 V max  
**OPERATING TEMPERATURE:** 75 °C max  
**ACCORDING TO STD.:** UL 486 A-B

Code	Color	Section (mm <sup>2</sup> )	Section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	S1 (mm)	
00101	Red	0,25 ÷ 1,5	(22 - 16)	2,5	#3	8	23	10,4	8,6	4,2	1,95	2,6	0,8	100/1000
00107	Red			3	#4	8	23	10,4	8,6	4,2	1,95	3,15	0,8	100/1000
00109	Red			3	#4	5,5	17,6	10,4	4,4	4,2	1,95	3,2	0,8	100/1000
00113	Red			3,5	#6	8	22,2	10,4	7,8	4,2	1,95	3,6	0,8	100/1000
00119	Red			4	#8	7,4	20,6	10,4	6,5	4,2	1,95	4,3	0,8	100/1000
00125	Red			5	#10	8	21,8	10,4	7,4	4,2	1,95	5,2	0,8	100/1000
00131	Red			6	#12	10	23,7	10,4	8,3	4,2	1,95	6,2	0,8	100/1000
00137	Red			8	5/16"	14	30	10,4	12,6	4,2	1,95	8,3	0,8	100/1000
00143	Red			10	3/8"	14	30,2	10,4	12,8	4,2	1,95	10,4	0,8	100/1000
00201	Blue	1,5 ÷ 2,5	(16 - 14)	2,5	#3	8	23	11	8	4,8	2,45	2,6	0,8	100/1000
00207	Blue			3	#4	8	23,4	11	8,4	4,8	2,45	3,2	0,8	100/1000
00209	Blue			3	#4	6,4	18,5	11	4,3	4,8	2,45	3,2	0,8	100/1000
00213*	Blue			3,5	#6	8	23	11	8	4,8	2,45	3,7	0,8	100/1000
00219	Blue			4	#8	8	21,5	11	6,5	4,8	2,45	4,3	0,8	100/1000
00225	Blue			5	#10	9	22,4	11	7,5	4,8	2,45	5,2	0,8	100/1000
00231	Blue			6	#12	10,5	26	11	9,8	4,8	2,45	6,2	0,8	100/1000
00237	Blue			8	5/16"	13	29,8	11	12,3	4,8	2,45	8,2	0,8	100/1000
00243	Blue			10	3/8"	15	33	11	14,5	4,8	2,45	10,5	0,8	50/500
00313	Yellow	4 ÷ 6	(12 - 10)	3,5	#6	8	26,4	14	8,4	6,6	3,5	3,7	1	50/500
00319	Yellow			4	#8	8	26,4	14	8,4	6,6	3,5	4,2	1	50/500
00325	Yellow			5	#10	9,6	27	14	8,2	6,6	3,5	5,2	1	50/500
00331	Yellow			6	#12	11	29,1	14	9,6	6,6	3,5	6,2	1	50/500
00337	Yellow			8	5/16"	14	34,5	14	13,5	6,6	3,5	8,2	1	50/500
00343	Yellow			10	3/8"	19	40	14	16,5	6,6	3,5	10,5	1	100/500



E-B170 (0,5-1,5 mm<sup>2</sup>)  
 E-B171 (1,5-2,5 mm<sup>2</sup>)  
 E-B172 (4-6 mm<sup>2</sup>)



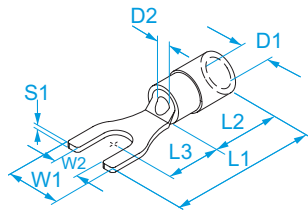
file n° E 137735

• No UL





## TERMINAL LUGS FOR COPPER CONDUCTORS - PVC INSULATED FROM SHEET - FORK



**TERMINAL MATERIAL:** tinned copper  
**INSULATION MATERIAL:** polyvinylchloride (PVC)  
**INSULATION SELF-EXTINGUISHING GRADE:** UL 94 V0  
**RATED VOLTAGE:** 300 V max  
**OPERATING TEMPERATURE:** 75 °C max  
**ACCORDING TO STD.:** UL 486 A-B

Code	Color	Section (mm <sup>2</sup> )	Section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	W1 (mm)	W2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D1 (mm)	D2 (mm)	S1 (mm)	
00102	Red	0.25 ÷ 1.5	(22 - 16)	2.5	#3	5,6	2,6	20	10,4	6,7	4,2	1,95	0,8	100/1000
00108	Red			3	#4	5,6	3,2	20	10,4	6,7	4,2	1,95	0,8	100/1000
00114	Red			3.5	#6	6,5	3,7	19,4	10,4	6,5	4,2	1,95	0,8	100/1000
00120	Red			4	#8	6,4	4,2	20,9	10,4	6,3	4,2	1,95	0,8	100/1000
00126	Red			5	#10	8	5,2	21,2	10,4	8	4,2	1,95	0,8	100/1000
00132	Red			6	#12	9,2	6,2	22,4	10,4	8,3	4,2	1,95	0,8	100/1000
00202	Blue	1.5 ÷ 2.5	(16 - 14)	2.5	#3	5,6	2,6	23	11	8,4	4,8	2,45	0,8	100/1000
00208	Blue			3	#4	5,6	3,2	23	11	8,4	4,8	2,45	0,8	100/1000
00214	Blue			3.5	#6	6,6	3,7	20,3	11	5,3	4,8	2,45	0,8	100/1000
00220	Blue			4	#8	6,6	4,2	20,3	11	5,3	4,8	2,45	0,8	100/1000
00226	Blue			5	#10	9,1	5,2	25	11	9,5	4,8	2,45	0,8	100/1000
00232	Blue			6	#12	10	6,3	27	11	11,2	4,8	2,45	0,8	100/1000
00314	Yellow	4 ÷ 6	(12 - 10)	3.5	#6	8,1	3,7	26	14	7,2	6,6	3,5	1	50/500
00320	Yellow			4	#8	8,1	4,2	26	14	7,2	6,6	3,5	1	50/500
00326	Yellow			5	#10	9	5,2	28,5	14	10,5	6,6	3,5	1	50/500
00332	Yellow			6	#12	11	6,3	29,5	14	11	6,6	3,5	1	50/500
00338	Yellow			8	5/16"	15,2	8,2	35,2	14	15	6,6	3,5	1	50/500
00344	Yellow			10	3/8"	19	10,5	38	14	16,6	6,6	3,5	1	100/500



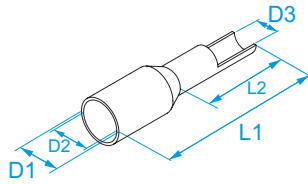
E-B170 (0,5-1,5 mm<sup>2</sup>)  
 E-B171 (1,5-2,5 mm<sup>2</sup>)  
 E-B172 (4-6 mm<sup>2</sup>)



file n° E 137735

• No UL



**END-SLEEVES FOR COPPER CONDUCTORS · INSULATED · SINGLE CABLE**

**TERMINAL MATERIAL:** tinned copper

**INSULATION MATERIAL:** polypropylene (PP) without flame retardant

**OPERATING TEMPERATURE:** 105 °C max

**ACCORDING TO STD.:** DIN 46228-4 (tubular ferrules with plastic sleeve), UL486F (bare and covered ferrules), CSA C22.2 No.291-14 (bare and covered ferrules)

Code	Color	Standard color 1	Standard color 2	Color DIN 46228/4	Section (mm <sup>2</sup> )	Section (AWG/MCM)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
005003•	Grey	✓	-	-	0,14	(26)	10	6	2,1	1,6	0,7	500/5000
00701•	Brown	-	✓	-			10	6	2,1	1,6	0,7	500/5000
005001	Grey	✓	-	-	0,25	(24)	12	8	2,5	1,6	0,7	500/5000
005004•	Light blue	✓	-	-			10	6	2,3	1,8	0,75	500/5000
007034•	Yellow	-	✓	-	0,34	(22)	10	6	2,3	1,8	0,75	500/5000
00500•	Light blue	✓	-	-			12	8	2,5	1,8	0,75	500/5000
005005•	Turquoise	✓	-	-	0,5	(20)	10	6	2,5	2	0,8	500/5000
007036•	Green	-	✓	-			12	8	2,5	2	0,8	500/5000
005002•	Turquoise	✓	-	-	0,75	(18)	12	6	3,1	2,6	1	500/5000
005012	Orange	✓	-	-			14	8	3,1	2,6	1	500/5000
006011	White	-	✓	✓	1	(18)	12	6	3,1	2,6	1	500/5000
00501	Orange	✓	-	-			14	8	3,1	2,6	1	500/5000
00601	White	-	✓	✓	1,5	(16)	16	10	3,1	2,6	1	500/5000
005011	Orange	✓	-	-			12	6	3,3	2,8	1,2	500/5000
006012	White	-	✓	✓	2,5	(14)	12	6	3,3	2,8	1,2	500/5000
005021	White	✓	-	-			14	8	3,3	2,8	1,2	500/5000
007021	Light blue	-	✓	-	0,5	(20)	12	6	3,3	2,8	1,2	500/5000
006021	Grey	-	-	✓			14	8	3,3	2,8	1,2	500/5000
00502	White	✓	-	-	0,75	(18)	14	8	3,3	2,8	1,2	500/5000
00702	Light blue	-	✓	-			16	10	3,3	2,8	1,2	500/5000
00602	Grey	-	-	✓	1	(18)	14	8	3,3	2,8	1,2	500/5000
005022	White	✓	-	-			16	10	3,3	2,8	1,2	500/5000
007022	Light blue	-	✓	-	1,5	(16)	16	10	3,3	2,8	1,2	500/5000
006022	Grey	-	-	✓			18	12	3,3	2,8	1,2	500/5000
005023	White	✓	-	-	2,5	(14)	18	12	3,3	2,8	1,2	500/5000
007023	Light blue	-	✓	-			12	6	3,5	3	1,4	500/5000
006023	Grey	-	-	✓	0,5	(20)	12	6	3,5	3	1,4	500/5000
005031	Yellow	✓	-	-			14	8	3,5	3	1,4	500/5000
006031	Red	-	✓	✓	0,75	(18)	14	8	3,5	3	1,4	500/5000
00503	Yellow	✓	-	-			16	10	3,5	3	1,4	500/5000
00603	Red	-	✓	✓	1	(18)	16	10	3,5	3	1,4	500/5000
005032	Yellow	✓	-	-			18	12	3,5	3	1,4	500/5000
006032	Red	-	✓	✓	1,5	(16)	18	12	3,5	3	1,4	500/5000
005033	Yellow	✓	-	-			12	6	4	3,5	1,7	500/5000
006033	Red	-	✓	✓	2,5	(14)	12	6	4	3,5	1,7	500/5000
005042	Red	✓	-	-			14	8	4	3,5	1,7	500/5000
006042	Black	-	✓	✓	0,5	(20)	14	8	4	3,5	1,7	500/5000
00504	Red	✓	-	-			16	10	4	3,5	1,7	500/5000
00604	Black	-	✓	✓	0,75	(18)	16	10	4	3,5	1,7	500/5000
005041	Red	✓	-	-			18	12	4	3,5	1,7	500/5000
006041	Black	-	✓	✓	1	(18)	18	12	4	3,5	1,7	500/5000
005043	Red	✓	-	-			24	18	4	3,5	1,7	250/2500
006043	Black	-	✓	✓	1,5	(16)	24	18	4	3,5	1,7	250/2500
00505	Red	✓	-	-			14	8	4,7	4,2	2,2	250/2500
00605	Black	-	✓	✓	2,5	(14)	14	8	4,7	4,2	2,2	250/2500
00506	Blue	✓	-	✓			16	10	4,7	4,2	2,2	250/2500
00706	Grey	-	✓	-	0,5	(20)	16	10	4,7	4,2	2,2	250/2500
005062	Blue	✓	-	✓			16	10	4,7	4,2	2,2	250/2500
007071	Grey	-	✓	-			16	10	4,7	4,2	2,2	250/2500

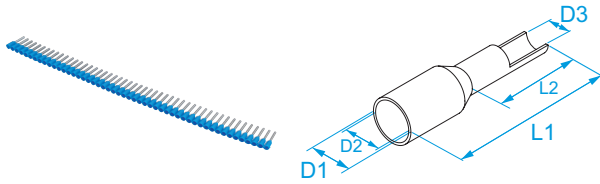
Code	Color	Standard color 1	Standard color 2	Color DIN 46228/4	Section (mm <sup>2</sup> )	Section (AWG/MCM)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
005061	Blue	√	-	√	2,5	(14)	18	12	4,7	4,2	2,2	250/2500
007061	Grey	-	√	-			18	12	4,7	4,2	2,2	250/2500
00507	Blue	√	-	√			24	18	4,7	4,2	2,2	200/2000
00707	Grey	-	√	-			24	18	4,7	4,2	2,2	200/2000
00508	Grey	√	-	√	4	(12)	17	10	5,4	4,8	2,8	200/2000
00708	Orange	-	√	-			17	10	5,4	4,8	2,8	200/2000
005081	Grey	√	-	√			20	12	5,4	4,8	2,8	200/1000
007081	Orange	-	√	-			20	12	5,4	4,8	2,8	200/1000
00509	Grey	√	-	√	6	(10)	26	18	5,4	4,8	2,8	100/1000
00709	Orange	-	√	-			26	18	5,4	4,8	2,8	100/1000
00510	Black	√	-	-			20	12	6,9	6,3	3,5	100/1000
00710	Green	-	√	-			20	12	6,9	6,3	3,5	100/1000
00610	Yellow	-	-	√	10	(8)	20	12	6,9	6,3	3,5	100/1000
00511	Black	√	-	-			26	18	6,9	6,3	3,5	100/1000
00711	Green	-	√	-			26	18	6,9	6,3	3,5	100/1000
00611	Yellow	-	-	√			26	18	6,9	6,3	3,5	100/1000
00512	Ivory	√	-	-	16	(6)	22	12	8,4	7,6	4,5	50/500
00712	Brown	-	√	-			22	12	8,4	7,6	4,5	50/500
00612•	Red	-	-	√			22	12	8,4	7,6	4,5	50/500
00513	Ivory	√	-	-			28	18	8,4	7,6	4,5	50/500
00713	Brown	-	√	-	25	(4)	28	18	8,4	7,6	4,5	50/500
00613	Red	-	-	√			28	18	8,4	7,6	4,5	50/500
00514•	Green	√	-	-			24	12	9,6	8,8	5,8	50/500
00714	Ivory	-	√	-			24	12	9,6	8,8	5,8	50/500
00614	Blue	-	-	√	35	(2)	24	12	9,6	8,8	5,8	50/500
00515•	Green	√	-	-			28	18	9,6	8,8	5,8	50/500
00715	Ivory	-	√	-			28	18	9,6	8,8	5,8	50/500
00615	Blue	-	-	√			28	18	9,6	8,8	5,8	50/500
006163•	Yellow	√	-	√	50	(1/0)	26	12	12	11,2	7,3	100/500
00516	Brown	√	-	-			30	16	12	11,2	7,3	100/500
00716	Black	-	√	-			30	16	12	11,2	7,3	100/500
00616	Yellow	-	-	√			30	16	12	11,2	7,3	100/500
005161	Brown	√	-	-	70	(2/0)	30	18	12	11,2	7,3	100/500
007161	Black	-	√	-			30	18	12	11,2	7,3	100/500
006161	Yellow	-	-	√			30	18	12	11,2	7,3	100/500
005162	Brown	√	-	-			36	22	12	11,2	7,3	100/500
007162	Black	-	√	√	95	(3/0)	36	22	12	11,2	7,3	100/500
006162	Yellow	-	-	√			36	22	12	11,2	7,3	100/500
006173•	Red	-	√	√			26	12	13,5	12,7	8,3	100/500
00517	Beige	√	-	-			30	16	13,5	12,7	8,3	100/500
00617	Red	-	√	√	120	(4/0)	30	16	13,5	12,7	8,3	100/500
005171	Beige	√	-	-			30	18	13,5	12,7	8,3	100/500
006171	Red	-	√	√			30	18	13,5	12,7	8,3	100/500
005172•	Beige	√	-	-			39	25	13,5	12,7	8,3	100/500
006172	Red	-	√	√	150	(300)	39	25	13,5	12,7	8,3	100/500
00518	Olive	√	-	-			36	20	16	15	10,3	50/250
00618	Blue	-	√	√			36	20	16	15	10,3	50/250
005181	Olive	√	-	-			40	25	16	15	10,3	50/250
006181	Blue	-	√	√	70	(2/0)	40	25	16	15	10,3	50/250
00519•	Yellow	√	-	-			37	21	17,2	16	13,5	50/50
00520•	Red	√	-	-			44	25	19,2	18	14,7	50/50
00521•	Blue	√	-	-			48	27	21,4	20	16,7	50/50
00522•	Yellow	√	-	-	58	32	25	23	19,5	25/50		



file n° E 506333

• No UL

HALOGEN FREE

**END-SLEEVES FOR COPPER CONDUCTORS · INSULATED · SINGLE CABLE · IN A STRAP**

**TERMINAL MATERIAL:** tinned copper

**INSULATION MATERIAL:** polypropylene (PP) without flame retardant

**OPERATING TEMPERATURE:** 105 °C max

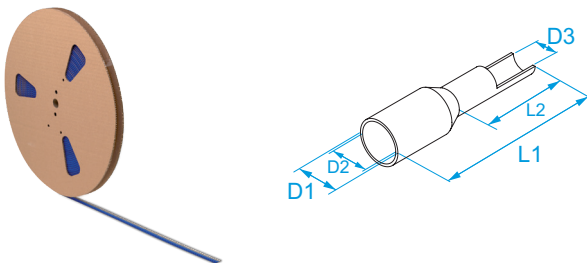
**ACCORDING TO STD.:** DIN 46228-4 (tubular ferrules with plastic sleeve), UL486F (bare and covered ferrules)

**EQUIPMENT:** use tool BM 5375

Code	Color	Standard color 1	Standard color 2	Color DIN 46228/4	Section (mm <sup>2</sup> )	Section (AWG/MCM)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
90501	Orange	✓	-	-	0,5	(20)	14	8	3,1	2,6	1	500/2500
90601*	White	-	✓	✓	0,5	(20)	14	8	3,1	2,6	1	500/2500
90502	White	✓	-	-	0,75	(18)	14	8	3,3	2,8	1,2	500/2500
90702	Light blue	-	✓	-	0,75	(18)	14	8	3,3	2,8	1,2	500/2500
90602*	Grey	-	-	✓	0,75	(18)	14	8	3,3	2,8	1,2	500/2500
90503	Yellow	✓	-	-	1	(18)	14	8	3,5	3	1,4	500/2500
90603*	Red	-	✓	✓	1	(18)	14	8	3,5	3	1,4	500/2500
90504	Red	✓	-	-	1,5	(16)	14	8	4	3,5	1,7	500/2500
90604*	Black	-	✓	✓	1,5	(16)	14	8	4	3,5	1,7	500/2500
90506*	Blue	✓	-	✓	2,5	(14)	14	8	4,7	4,2	2,2	500/2500
90706	Grey	-	✓	-	2,5	(14)	14	8	4,7	4,2	2,2	500/2500



\* file n° E 506333

**HALOGEN FREE**
**END-SLEEVES FOR COPPER CONDUCTORS · INSULATED · SINGLE CABLE · IN A REEL**

**TERMINAL MATERIAL:** tinned copper

**INSULATION MATERIAL:** polypropylene (PP) without flame retardant

**OPERATING TEMPERATURE:** 105 °C max

**ACCORDING TO STD.:** DIN 46228-4 (tubular ferrules with plastic sleeve), UL486F (bare and covered ferrules)

**REEL:** Outer diameter: 45 cm

Inner diameter: 2,3 cm

Thickness: 3 cm

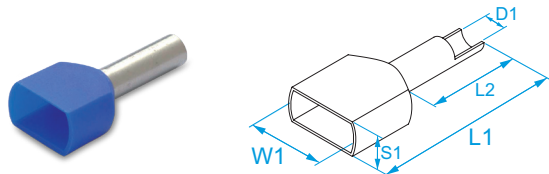
Code	Color	Standard color 1	Standard color 2	Color DIN 46228/4	Section (mm <sup>2</sup> )	Section (AWG/MCM)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
91501	Orange	✓	-	-	0,5	(20)	14	8	3,1	2,6	1	10000/10000
91601*	White	-	✓	✓	0,5	(20)	14	8	3,1	2,6	1	10000/10000
91502	White	✓	-	-	0,75	(18)	14	8	3,3	2,8	1,2	10000/10000
91702	Blue	-	✓	-	0,75	(18)	14	8	3,3	2,8	1,2	10000/10000
91602*	Grey	-	-	✓	0,75	(18)	14	8	3,3	2,8	1,2	10000/10000
91503	Yellow	✓	-	-	1	(18)	14	8	3,5	3	1,4	7500/7500
91603*	Red	-	✓	✓	1	(18)	14	8	3,5	3	1,4	7500/7500
91504	Red	✓	-	-	1,5	(16)	14	8	4	3,5	1,7	7500/7500
91604*	Black	-	✓	✓	1,5	(16)	14	8	4	3,5	1,7	7500/7500
91506*	Blue	✓	-	✓	2,5	(14)	14	8	4,7	4,2	2,2	5000/5000
91706	Grey	-	✓	-	2,5	(14)	14	8	4,7	4,2	2,2	5000/5000



\* file n° E 506333

**HALOGEN FREE**

## END-SLEEVES FOR COPPER CONDUCTORS · INSULATED · DOUBLE CABLE



**TERMINAL MATERIAL:** tinned copper

**INSULATION MATERIAL:** polypropylene (PP) without flame retardant

**OPERATING TEMPERATURE:** 105 °C max

**ACCORDING TO STD.:** DIN 46228-1 (tubular ferrules without plastic sleeve up to 50mm<sup>2</sup>), UL486F (bare and covered ferrules), CSA C22.2 No.291-14 (bare and covered ferrules)

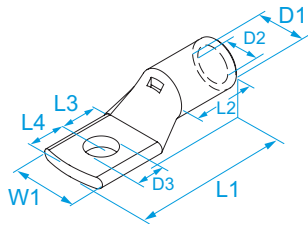
Code	Color	Standard color 1	Standard color 2	Color DIN 46228/4	Section (mm <sup>2</sup> )	Section (AWG/MCM)	W1 (mm)	L1 (mm)	L2 (mm)	D1 (mm)	S1 (mm)	
00551	Orange	✓	-	-	2 X 0,5	(20)	4,7	15	8	1,4	2,5	200/2000
00651	White	-	✓	✓			4,7	15	8	1,4	2,5	200/2000
00552	White	✓	-	-	2 X 0,75	(18)	5	15	8	1,7	2,8	200/2000
00753	Blue	-	✓	-			5	15	8	1,7	2,8	200/2000
00652	Grey	-	-	✓	2 X 1	(18)	5	15	8	1,7	2,8	200/2000
00553	White	✓	-	-			5	17	10	1,7	2,8	200/2000
00653	Grey	-	-	✓	2 X 1,5	(16)	5	17	10	1,7	2,8	200/2000
006531	Grey	✓	-	-			5	21	14	1,7	2,8	200/2000
007533•	Light blue	-	✓	-	2 X 2,5	(14)	5	21	14	1,7	2,8	200/2000
005531•	White	-	-	✓			5	21	14	1,7	2,8	200/2000
00554	Yellow	✓	-	-	2 X 4	(12)	5,4	15	8	1,95	3,4	200/2000
00654	Red	-	✓	✓			5,4	15	8	1,95	3,4	200/2000
00555	Yellow	✓	-	-	2 X 6	(10)	5,4	17	10	1,95	3,4	200/2000
00655	Red	-	✓	✓			5,4	17	10	1,95	3,4	200/2000
005551	Yellow	✓	-	-	2 X 10	(8)	5,4	19	12	1,95	3,4	200/2000
006551	Red	-	✓	✓			5,4	19	12	1,95	3,4	200/2000
005552	Yellow	✓	-	-	2 X 16	(6)	5,4	25	18	1,95	3,4	200/2000
006552	Red	-	✓	✓			5,4	25	18	1,95	3,4	200/2000
00556	Red	✓	-	-	2 X 16	(6)	6,6	16	8	2,2	3,6	200/2000
00656	Black	-	✓	✓			6,6	16	8	2,2	3,6	200/2000
00557	Red	✓	-	-	2 X 16	(6)	6,6	20	12	2,2	3,6	200/2000
00657	Black	-	✓	✓			6,6	20	12	2,2	3,6	200/2000
005571	Red	✓	-	-	2 X 16	(6)	6,6	26	18	2,2	3,6	200/2000
006571	Black	-	✓	✓			6,6	26	18	2,2	3,6	200/2000
00558	Blue	✓	-	✓	2 X 16	(6)	7,8	18,5	10	2,8	4,2	100/1000
00758	Grey	-	✓	-			7,8	18,5	10	2,8	4,2	100/1000
00559	Blue	✓	-	✓	2 X 16	(6)	7,8	21,5	13	2,8	4,2	100/1000
00560	Grey	✓	-	✓			7,8	21,5	13	2,8	4,2	100/1000
00760	Orange	-	✓	-	2 X 16	(6)	8,8	23	12	3,7	4,9	100/1000
00561•	Black	✓	-	-			8,8	23	12	3,7	4,9	100/1000
00761	Green	-	✓	-	2 X 16	(6)	10	26	14	4,8	6,9	50/500
00661	Yellow	-	-	✓			10	26	14	4,8	6,9	50/500
00562	Ivory	✓	-	-	2 X 16	(6)	13	26	14	6,4	7,2	100/1000
00762	Brown	-	✓	-			13	26	14	6,4	7,2	100/1000
00662	Red	-	-	✓	2 X 16	(6)	13	26	14	6,4	7,2	100/1000
00563	Green	✓	-	-			13	26	14	6,4	7,2	100/1000
00763	Ivory	-	✓	-	2 X 16	(6)	18,4	30	14	8,2	9,6	50/500
00663	Blue	-	-	✓			18,4	30	14	8,2	9,6	50/500



file n° E 506333

• No UL

**HALOGEN FREE**

**TERMINAL LUGS FOR COPPER CONDUCTORS - UNINSULATED**

**TERMINAL MATERIAL:** tinned copper

**OPERATING TEMPERATURE:** from -50 °C to +150 °C

**CONDUCTOR CLASS:** Class 1 and 2 (rigid) and Class 5 (flexible) according to EN 60228

**ACCORDING TO STD.:** UL 486 A-B

**INSPECTION HOLE:** yes

Code	Rigid conductor section (mm <sup>2</sup> )	Rigid conductor section (AWG/MCM)	Flexible conductor section (mm <sup>2</sup> )	Flexible conductor section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	Indent	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
011071•					3	#4	-	8	16	5	5	4	3,5	1,9	3,2	100/100
011191•	1.5	(16)	1.5	(16)	4	#8	-	8	16	5	5	4	3,5	1,9	4,2	100/100
011251•					5	#10	-	8	16	5	5	4	3,5	1,9	5,2	100/1000
011311•					6	#12	-	10	18	5	6	5	3,5	1,9	6,3	100/100
012191•	2.5	(14)	2.5	(14)	4	#8	-	8	18	7	5	4	4	2,4	4,2	100/100
012251•					5	#10	-	10	20	7	6	5	4	2,4	5,2	100/100
012311•					6	#12	-	10	20	7	6	5	4	2,4	6,3	100/100
013190•					4	#8	-	10	20	7	6	5	5,1	3,1	4,2	100/100
013250•	4	(12)	4	(12)	5	#10	-	10	20	7	6	5	5,1	3,1	5,2	100/100
013310•					6	#12	-	10	20	7	6	5	5,1	3,1	6,3	100/100
013370•					8	5/16"	-	11	24	7	8,5	6,5	5,1	3,1	8,2	100/100
013191•					4	#8	-	10	23	9	6	5	5,5	3,5	4,2	100/100
013251•	6	(10)	6	(10)	5	#10	-	10	23	9	6	5	5,5	3,5	5,2	100/100
013311•					6	#12	-	10	23	9	6	5	5,5	3,5	6,3	100/100
013371•					8	5/16"	-	12	27	9	9	6	5,5	3,5	8,2	100/1000
013431•					10	3/8"	-	15	32	9	11	9	5,5	3,5	10,2	100/100
01419*					5	#10	7	10	26,5	9,5	6,3	5	7	5	5,2	100/500
01431*					6	#12	7	11	28	9,5	6,5	5,5	7	5	6,3	100/500
01437*	10	(8)	10	(8)	8	5/16"	7	13,6	31,5	9,5	8,8	6,2	7	5	8,5	100/500
01443*					10	3/8"	7	17,2	34	9,5	9,6	9,5	7	5	10,5	100/500
01449*					12	1/2"	7	17	34,1	9,5	9,3	9,3	7	5	12,2	100/500
01525					5	#10	7,5	11,5	30,5	11	8,7	6,3	8	6	5,3	100/500
01531					6	#12	7,5	11,5	31	11	8,5	6	8	6	6,5	100/500
01537	16	(6)	16	(6)	8	5/16"	7,5	15	36	12	9	8	8	6	8,5	100/500
01543					10	3/8"	7,5	17,5	38,5	12	10,5	10	8	6	10,5	100/500
01549					12	1/2"	7,5	17,5	39	12	10,5	10	8	6	13	100/500
01625					5	#10	9	14	35,5	13,5	10	7	9,5	7	5,2	100/500
01631					6	#12	9	14	35,5	13,5	10	7	9,5	7	6,3	100/300
01637	25	(4)	25	(4)	8	5/16"	9	14	35,5	13,5	10	8	9,5	7	8,4	100/300
01643					10	3/8"	9	17	39,5	14	10,5	9,5	9,5	7	10,5	100/300
01649					12	1/2"	9	18,5	39,5	14	11	9,5	9,5	7	13	100/300
01731					6	#12	11	17	37	15	9,5	6	11,5	8,5	6,4	100/300
01737	35	(2)	35	(2)	8	5/16"	11	17	41,5	15	10,5	10	11,5	8,5	8,5	100/300
01749					12	1/2"	11	20	46	15	14	11,5	11,5	8,5	13	100/300
01743					10	3/8"	11	17	45	15	12	9,5	11,5	8,5	10,5	100/300
01831					6	#12	12	18,7	45,5	18	9	9	13	10	6,4	100/100
01837					8	5/16"	12	18,7	47,5	18	10	10	13	10	8,4	100/100
01843	50	(1/0)	50	(1/0)	10	3/8"	12	18,7	49,5	18	11	11	13	10	10,5	100/100
01849					12	1/2"	12	21	53	18	15,3	12	13	10	12,5	100/100
01855					14	9/16"	12	22	53	17	15,3	12	13	10	14,5	100/100
01931•					6	#12	14	21,8	51	20,5	11	10	15	12	6,5	100/100
01937•					8	5/16"	14	21,8	51	20,5	11	10	15	12	8,5	100/100
01943•	70	(2/0)	70	(2/0)	10	3/8"	14	21,8	57	20,5	14,5	11,2	15	12	10,5	100/100
01949•					12	1/2"	14	22	57	20,5	13	13	15	12	12,5	100/100
01955•					14	9/16"	14	22	57	20,5	14	11,3	15	12	14,5	100/100
01961•					16	5/8"	14	22	57	20,5	14	11,3	15	12	16,5	100/100

Code	Rigid conductor section (mm <sup>2</sup> )	Rigid conductor section (AWG/MCM)	Flexible conductor section (mm <sup>2</sup> )	Flexible conductor section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	Indent	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
03137•					8	5/16"	16	25	54,5	23,5	9	8	17,5	13,8	8,5	50/50
03143•					10	3/8"	16	25	60	23	12,5	12,5	17,5	13,8	10,5	50/50
03149•	95	(3/0)	95	(3/0)	12	1/2"	16	25	62	23	14	13	17,5	13,8	12,5	50/50
03155•					14	9/16"	16	25	65	23	17	13	17,5	13,8	14,5	50/50
03161•					16	5/8"	16	25	65	23	17	13,5	17,5	13,8	16,5	50/50
03237					8	5/16"	18	28	64	25	14	14	19,5	15,5	8,5	50/50
03243					10	3/8"	18	28	64	25	14	14	19,5	15,5	10,5	50/50
03249	120	(4/0)	120	(4/0)	12	1/2"	18	28	64	25	14	14	19,5	15,5	12,5	50/50
03255					14	9/16"	18	28	67	25	15	16	19,5	15,5	14,5	50/50
03261					16	5/8"	18	28	70	25	15	16	19,5	15,5	16,5	50/50
03337					8	5/16"	20	31	64	28	13	11	21	17	8,4	50/50
03343					10	3/8"	20	31	64	28	13	11	21	17	10,4	50/50
03349					12	1/2"	20	31	70	28	14	13	21	17	12,5	50/50
03355	150	(300)	150	(300)	14	9/16"	20	31	70,5	28	15,5	15	21	17	14,5	50/50
03361					16	5/8"	20	31	73	30	15	16	21	17	16,5	50/50
03367					20	3/4"	20	31	73	30	22	16	21	17	21	50/50
03443					10	3/8"	22	35	75	30	16	14	24	19	10,5	50/50
03449					12	1/2"	22	35	75	30	16	14	24	19	13	50/50
03455	185	(400)	185	(400)	14	9/16"	22	35	79	30	18	16	24	19	15	50/50
03461					16	5/8"	22	35	81	30	19	17	24	19	17	50/50
03467					20	3/4"	22	35	87	30	22	20	24	19	21	50/50
03543•					10	3/8"	25	39,5	81	35	16	14	27	21,5	10,5	50/50
03549					12	1/2"	25	39,5	81	35	16	14	27	21,5	13	50/50
03555	240	(500)	240	(500)	14	9/16"	25	39,5	85	35	18	16	27	21,5	15	50/50
03561					16	5/8"	25	39,5	87	35	19	17	27	21,5	17	50/50
03567					20	3/4"	25	39,5	93	35	22	20	27	21,5	21	50/50
03649					12	1/2"	28	44	101	38	22	20	30	24	13	25/25
03655					14	9/16"	28	44	101	38	22	20	30	24	15	25/25
03661	300	(600)	300	(600)	16	5/8"	28	44	101	38	22	20	30	24	17	25/25
03667					20	3/4"	28	44	101	38	22	20	30	24	21	25/25
03669•					24	15/16"	28	44	101	38	22	20	30	24	25	25/25
03749•					12	1/2"	35	50	108	40	22	20	35	27	13	10/10
03755•					14	9/16"	35	50	108	40	22	20	35	27	15	10/10
03761•	400	(800)	300	(600)	16	5/8"	35	50	108	40	22	20	35	27	17	10/10
03767•					20	3/4"	35	50	108	40	22	20	35	27	21	10/10
03769•					24	15/16"	35	50	108	40	22	20	35	27	25	10/10
03861•	500	(1000)	400	(800)	16	5/8"	38	55	124	51	25	23	38	30	17	5/5
03867•					20	3/4"	38	55	124	51	25	23	38	30	21	5/5
03961•	630	(1250)	500	(1000)	16	5/8"	42	61	131	58	25	23	42	33,6	17	5/5
03967•					20	3/4"	42	61	131	58	25	23	42	33,6	21	5/10

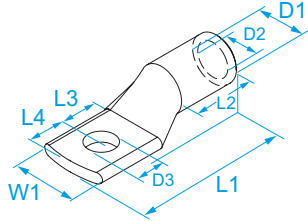


file n° E 137735



\* file n° E 137735

• No UL

**TERMINAL LUGS FOR COPPER CONDUCTORS · UNINSULATED · SMALL PLATE**

**TERMINAL MATERIAL:** tinned copper

**OPERATING TEMPERATURE:** from -50 °C to +150 °C

**APPLICATIONS:** the reduced width of the palm allows connection to equipment with lugs of dimensions not suitable for standard terminals.

**ACCORDING TO STD.:** UL 486 A-B

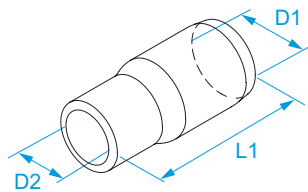
**INSPECTION HOLE:** no

Code	Section (mm <sup>2</sup> )	Section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	Indent	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
017313	35	(2)	6	#12	11	15	39	16	8	7	11,5	8,5	6,5	25/25
018313			6	#12	12	15	41	18	8	7	13	10	6,5	25/25
018373•	50	(1/0)	8	5/16"	12	18,5	51	18	13,5	9,5	13	10	10,5	25/25
018433			10	3/8"	12	18,5	51	18	13,5	9,5	13	10	10,5	25/25
019313•	70	(2/0)	6	#12	14	17	46	20	9,5	6,5	15	12	6,5	25/25
019433•			10	3/8"	14	19	52	21	13	10	15	12	10,5	25/25
031373•	95	(3/0)	8	5/16"	16	19	54	24	12	8	17,5	13,8	8,5	25/25
031433•			10	3/8"	16	19	58	22	13	10	17,5	13,8	10,5	25/25
032373	120	(4/0)	8	5/16"	18	19	61	22	12	9	19,5	15,5	8,5	25/25
032433			10	3/8"	18	19	61	22	12	9	19,5	15,5	10,5	25/25
033373	150	(300)	8	5/16"	20	19	70	30	17	9	21	17	8,4	25/25
033433			10	3/8"	20	19	70	30	17	9	21	17	10,5	25/25
034493	185	(400)	12	1/2"	22	31	82	32	17	14	24	19	13	25/25
035433•	240	(500)	10	3/8"	25	31,5	90	39	17	14	27	21,5	10,5	25/25
035493			12	1/2"	25	31,5	90	39	17	14	27	21,5	13	25/25



file n° E 137735

• No UL

**ACCESSORIES FOR UNINSULATED TERMINAL LUGS · INSULATING SLEEVES**

**MATERIAL:** PVC

**INSULATION SELF-EXTINGUISHING GRADE:** UL 94 V0

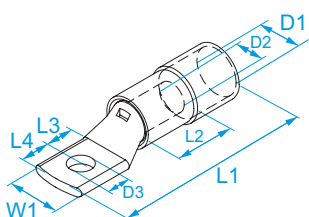
**MAX OPERATING TEMPERATURE:** 105°C

**COLOR:** black

Code	Section (mm <sup>2</sup> )	Section (AWG/MCM)	L1 (mm)	D1 (mm)	D2 (mm)	
81001	1,5	(16)	15	3,8	3,5	100/1000
81002	2,5	(14)	16,7	5	4	100/1000
81006	6	(10)	20,6	7	5,2	100/1000
81010	10	(8)	21	6,8	6,3	100/1000
81016	16	(6)	28	8	7	100/1000
81025	25	(4)	28	8	7,6	100/1000
81035	35	(2)	29	10,3	9,2	100/1000
81050	50	(1/0)	34	12	10,3	100/500
81070	70	(2/0)	42	14	13,5	100/500
81095	95	(3/0)	46	17	16	50/250
81120	120	(4/0)	55	20	18	50/250
81150	150	(300)	60	22	20	50/250
81185	185	(350)	65	24	22	50/150
81240	240	(500)	69	30	24	50/150
81300	300	(600)	75	32	27	50/150
81400	400	(800)	75	34	30	25/75



## TERMINAL LUGS FOR COPPER CONDUCTORS - NYLON INSULATED - BLACK



**TERMINAL MATERIAL:** tinned copper  
**INSULATION MATERIAL:** polyamide (PA 6.6)  
**INSULATION SELF-EXTINGUISHING GRADE:** UL 94 V0  
**OPERATING TEMPERATURE:** 125 °C max  
**CONDUCTOR CLASS:** Class 1 and 2 (rigid) and Class 5 (flexible) according to EN 60228  
**INSPECTION HOLE:** yes

Code	Color	Rigid conductor section (mm <sup>2</sup> )	Rigid conductor section (AWG/MCM)	Flexible conductor section (mm <sup>2</sup> )	Flexible conductor section (AWG/MCM)	For screw Ø (mm)	For screw Stud size	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
004191	Black					5	#10	10	37	9,5	6,3	5	8,2	5	5,2	100/100
004311	Black					6	#12	11	40	9,5	6,5	5,5	8,2	5	6,3	100/100
004371	Black	10	(8)	10	(8)	8	5/16"	13,6	43	9,5	8,8	6,2	8,2	5	8,5	100/100
004431	Black					10	3/8"	17,2	49,2	9,5	9,6	9,5	8,2	5	10,5	100/100
004491	Black					12	1/2"	17	49,3	9,5	9,3	9,3	8,2	5	12,2	100/100
005251	Black					5	#10	11,5	43,6	12	8,7	6,3	9	6	5,3	100/100
005311	Black					6	#12	11,5	44	12	8,5	6	9	6	6,5	100/100
005371	Black	16	(6)	16	(6)	8	5/16"	15	44	12	9	8	9	6	8,5	100/100
005431	Black					10	3/8"	17,5	50	12	10,5	10	9	6	10,5	100/100
005491	Black					12	1/2"	17,5	54	12	10,5	10	9	6	13	100/100
006251	Black					5	#10	14	50	13,5	10	7	11,5	7	5,2	100/100
006311	Black					6	#12	14	50	13,5	10	7	11,5	7	6,3	100/100
006371	Black	25	(4)	25	(4)	8	5/16"	14	50	13,5	10	8	11,5	7	8,4	100/100
006431	Black					10	3/8"	17	51	14	10,5	9,5	11,5	7	10,5	100/100
006491	Black					12	1/2"	18,5	51	14	11	9,5	11,5	7	13	100/100
007311	Black					6	#12	17	57	15	9,5	6	14	8,5	6,4	100/100
007371	Black					8	5/16"	17	56	15	10,5	10	14	8,5	8,5	100/100
007431	Black	35	(2)	35	(2)	10	3/8"	17	64	15	12	9,5	14	8,5	10,5	100/100
007491	Black					12	1/2"	17	63	15	14	11,5	14	8,5	13	100/100
008311	Black					6	#12	18,7	52	18	9	9	15,5	10	6,4	100/100
008371	Black					8	5/16"	18,7	61	18	10	10	15,5	10	8,4	100/100
008431	Black	50	(1/0)	50	(1/0)	10	3/8"	18,7	61	18	11	11	15,5	10	10,5	100/100
008491	Black					12	1/2"	21	69	18	15,3	12	15,5	10	12,5	50/100
008551	Black					14	9/16"	22	70	17	15,3	12	15,5	10	14,5	100/100
009371	Black					8	5/16"	21,8	72	20,5	11	10	18	12	8,5	100/100
009431	Black					10	3/8"	21,8	75	20,5	14,5	11,2	18	12	10,5	100/100
009491	Black	70	(2/0)	70	(2/0)	12	1/2"	22	75	20,5	13	13	18	12	12,5	100/100
009551	Black					14	9/16"	22	75	20,5	14	11,3	18	12	14,5	100/100
009611	Black					16	5/8"	22	75	20,5	14	11,3	18	12	16,5	100/100
051371	Black					8	5/16"	25	83	23	12,5	12,5	19,5	13,8	8,5	50/50
051431	Black					10	3/8"	25	83	23	12,5	12,5	19,5	13,8	10,5	50/50
051491	Black	95	(3/0)	95	(3/0)	12	1/2"	25	84	23	14	13	19,5	13,8	12,5	50/50
051551	Black					14	9/16"	25	90	23	17	13	19,5	13,8	14,5	50/50
051611	Black					16	5/8"	25	89	23	17	13,5	19,5	13,8	16,5	50/50
052371	Black					8	5/16"	28	94	25	14	14	21	15,5	8,5	50/50
052431	Black					10	3/8"	28	94	25	14	14	21	15,5	10,5	50/50
052491	Black	120	(4/0)	120	(4/0)	12	1/2"	28	90	25	14	14	21	15,5	12,5	50/50
052551	Black					14	9/16"	28	96	25	15	16	21	15,5	14,5	50/50
052611	Black					16	5/8"	28	102	25	15	16	21	15,5	16,5	50/50
053371	Black					8	5/16"	31	87,5	28	13	11	23	17	8,4	25/25
053431	Black					10	3/8"	31	87,5	28	13	11	23	17	10,4	25/25
053491	Black					12	1/2"	31	93,5	28	14	13	23	17	12,5	25/25
053551	Black	150	(300)	150	(300)	14	9/16"	31	94	28	15,5	15	23	17	14,5	25/25
053611	Black					16	5/8"	31	98	30	15	16	23	17	16,5	50/50
053671	Black					20	3/4"	31	98	30	22	16	23	17	21	25/25
054491	Black					12	1/2"	35	90	30	16	14	26	19	13	25/25
054551	Black					14	9/16"	35	98	30	18	16	26	19	15	25/25
054611	Black	185	(400)	185	(400)	16	5/8"	35	102	30	19	17	26	19	17	25/25
054671	Black					20	3/4"	35	112	30	22	20	26	19	21	25/25

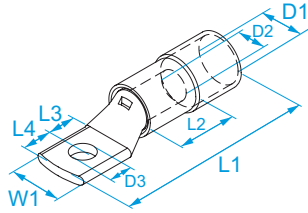
Code	Color	Rigid conductor section (mm <sup>2</sup> )	Rigid conductor section (AWG/MCM)	Flexible conductor section (mm <sup>2</sup> )	Flexible conductor section (AWG/MCM)	For screw Ø screw (mm)	For Screw Stud size	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
055491	Black	240	(500)	240	(500)	12	1/2"	39,5	100	35	16	14	30	21,5	13	25/25
055551	Black					14	9/16"	39,5	108	35	18	16	30	21,5	15	25/25
055611	Black					16	5/8"	39,5	112	35	19	17	30	21,5	17	25/25
055671	Black					20	3/4"	39,5	124	35	22	20	30	21,5	21	25/25
05649	Black	300	(600)	240	(500)	12	1/2"	44	119	38	22	20	33	24	13	25/25
05661	Black					16	5/8"	44	119	38	22	20	33	24	17	10/10
05667	Black					20	3/4"	44	119	38	22	20	33	24	21	10/10

**HALOGEN FREE**

125 °C

**VO**

## TERMINAL LUGS FOR COPPER CONDUCTORS · NYLON INSULATED · COLOURED



For the same conductor section, insulants are available with different diameters to accommodate conductors with different insulant thicknesses.

**TERMINAL MATERIAL:** tinned copper

**INSULATION MATERIAL:** polyamide (PA 6.6)

**INSULATION SELF-EXTINGUISHING GRADE:** UL 94 V2

**OPERATING TEMPERATURE:** 130 °C max

**CONDUCTOR CLASS:** Class 1 and 2 (rigid) and Class 5 (flexible) according to EN 60228

**INSPECTION HOLE:** yes

Code	Color	Section (mm <sup>2</sup> )	Section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
001071	Red	1.5	(16)	3	#4	8	23	5	5	4	4,2	1,9	3,2	100/100
001191	Red			4	#8	8	23	5	5	4	4,2	1,9	4,2	100/100
001251	Red			5	#10	8	23	5	5	4	4,2	1,9	5,2	100/100
001311	Red			6	#12	10	23	5	6	5	4,2	1,9	6,3	100/100
002191	Blue	2.5	(14)	4	#8	8	24,3	7	5	4	4,8	2,4	4,2	100/100
002251	Blue			5	#10	10	28,3	7	6	5	4,8	2,4	5,2	100/100
002311	Blue			6	#12	10	24,3	7	6	5	4,8	2,4	6,3	100/100
003191	Yellow	6	(10)	4	#8	10	33,3	9	6	5	6,6	3,5	4,2	100/100
003251	Yellow			5	#10	10	29,3	9	6	5	6,6	3,5	5,2	100/100
003311	Yellow			6	#12	10	29,3	9	6	5	6,6	3,5	6,3	100/100
003371	Yellow			8	5/16"	12	35,3	9	9	6	6,6	3,5	8,2	100/100
003431	Yellow	10	3/8"	15	42,3	9	11	9	6,6	3,5	10,2	100/100		
00419	Red	10	(8)	5	#10	10	37	9,5	6,3	5	16	5	5,2	100/100
00420	Red			5	#10	10	37	9,5	6,3	5	14,8	5	5,2	100/100
00431	Red			6	#12	11	40	9,5	6,5	5,5	8,2	5	6,3	100/100
00432	Red			6	#12	11	40	9,5	6,5	5,5	14,8	5	6,3	100/100
00437	Red			8	5/16"	13,6	40,4	9,5	8,8	6,2	16	5	8,5	100/100
00438	Red			8	5/16"	13,6	40,4	9,5	8,8	6,2	14,8	5	8,5	100/100
00443	Red			10	3/8"	17,2	48,7	9,5	9,6	9,5	16	5	10,5	100/100
00444	Red			10	3/8"	17,2	48,7	9,5	9,6	9,5	14,8	5	10,5	100/100
00525	Blue	16	(6)	5	#10	11,5	43,6	11	8,7	6,3	9	6	5,3	100/100
00526	Red			5	#10	11,5	43,6	11	8,7	6,3	16	6	5,3	100/100
00531	Blue			6	#12	11,5	44,6	11	8,5	6	9	6	6,5	100/100
00532	Red			6	#12	11,5	44,6	11	8,5	6	16	6	6,5	100/100
00537	Blue			8	5/16"	15	44	12	9	8	9	6	8,5	100/100
00538	Red			8	5/16"	15	44	12	9	8	16	6	8,5	50/50
00543	Blue			10	3/8"	17,5	49,5	12	10,5	10	9	6	10,5	100/100
00544	Red			10	3/8"	17,5	49,5	12	10,5	10	16	6	10,5	100/100
00547	Red	12	1/2"	17,5	53,5	12	10,5	10	16	6	13	100/100		
00549	Blue	12	1/2"	17,5	53,5	12	10,5	10	9	6	13	100/100		
00625	Yellow	25	(4)	5	#10	14	50	13,5	10	7	11,5	7	5,2	100/100
00626	Red			5	#10	14	50	13,5	10	7	16,8	7	5,2	100/100
00631	Yellow			6	#12	14	50	13,5	10	7	11,5	7	6,3	100/100
00632	Red			6	#12	14	50	13,5	10	7	16,8	7	6,3	100/100
00637	Yellow			8	5/16"	14	50	13,5	10	8	11,5	7	8,4	100/100
00638	Red			8	5/16"	14	50	13,5	10	8	16,8	7	8,4	100/100
00643	Yellow			10	3/8"	17	51	14	10,5	9,5	11,5	7	10,5	100/100
00644	Red			10	3/8"	17	51	14	10,5	9,5	16,8	7	10,5	100/100
00649	Yellow			12	1/2"	18,5	51	14	11	9,5	11,5	7	13	100/100
006492	Red			12	1/2"	18,5	51	14	11	9,5	16,8	7	13	100/100
00731	Red	35	(2)	6	#12	17	57	15	9,5	6	14	8,5	6,4	100/100
00732	Red			6	#12	17	57	15	9,5	6	18,7	8,5	6,4	100/100

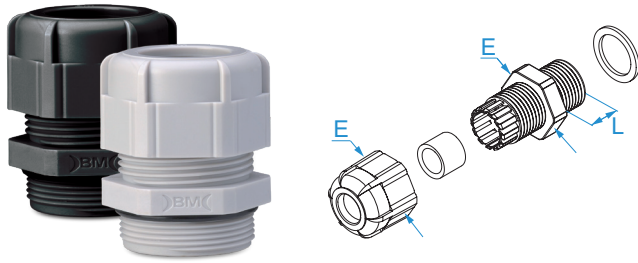
Code	Color	Section (mm <sup>2</sup> )	Section (AWG/MCM)	For screw Ø screw (mm)	For screw Stud size	W1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	
00737	Red	35	(2)	8	5/16"	17	56	15	10,5	10	14	8,5	8,5	100/100
00738	Red			8	5/16"	17	56	15	10,5	10	18,7	8,5	8,5	100/100
00743	Red			10	3/8"	17	64	15	12	9,5	14	8,5	10,5	100/100
00744	Red			10	3/8"	17	64	15	12	9,5	18,7	8,5	10,5	100/100
00749	Red			12	1/2"	17	63	15	14	11,5	14	8,5	13	100/100
00752	Red			12	1/2"	17	63	15	14	11,5	18,7	8,5	13	100/100
00831	White	50	(1/0)	6	#12	18,7	52	18	9	9	15,5	10	6,4	100/100
00832	Red			6	#12	18,7	52	18	9	9	20,8	10	6,4	100/100
00837	White			8	5/16"	18,7	61	18	10	10	15,5	10	8,4	100/100
00838	Red			8	5/16"	18,7	61	18	10	10	20,8	10	8,4	100/100
00843	White			10	3/8"	18,7	61	18	11	11	15,5	10	10,5	50/100
00844	Red			10	3/8"	18,7	61	18	11	11	20,8	10	10,5	50/100
00849	White			12	1/2"	21	69	18	15,3	12	15,5	10	12,5	100/100
00852	Red			12	1/2"	21	69	18	15,3	12	20,8	10	12,5	100/100
00855	White			14	9/16"	22	70	17	15,3	12	15,5	10	14,5	100/100
00856	Red			14	9/16"	22	70	17	15,3	12	20,8	10	14,5	100/100
00937	Blue	70	(2/0)	8	5/16"	21,8	72	20,5	11	10	22	12	8,5	100/100
00943	Blue			10	3/8"	21,8	75	20,5	14,5	11,2	22	12	10,5	100/100
00949	Blue			12	1/2"	22	75	20,5	13	13	22	12	12,5	100/100
00955	Blue			14	9/16"	22	75	20,5	14	11,3	22	12	14,5	100/100
00961	Blue			16	5/8"	22	75	20,5	14	11,3	22	12	16,5	100/100
05137	White	95	(3/0)	8	5/16"	25	83	23	12,5	12,5	26	13,8	8,5	50/50
05143	White			10	3/8"	25	83	23	12,5	12,5	26	13,8	10,5	50/50
05149	White			12	1/2"	25	84	23	14	13	26	13,8	12,5	50/50
05155	White			14	9/16"	25	90	23	17	13	26	13,8	14,5	50/50
05161	White			16	5/8"	25	89	23	17	13,5	26	13,8	16,5	25/25
05237	Red	120	(4/0)	8	5/16"	28	94	25	14	14	27	15,5	8,5	25/25
05243	Red			10	3/8"	28	94	25	14	14	27	15,5	10,5	25/25
05249	Red			12	1/2"	28	90	25	14	14	27	15,5	12,5	25/25
05255	Red			14	9/16"	28	96	25	25	26	27	15,5	14,5	50/50
05261	Red			16	5/8"	28	102	25	15	16	27	15,5	16,5	25/25
05337	Blue	150	(300)	8	5/16"	31	87,5	28	13	11	29	17	8,4	25/25
05343	Blue			10	3/8"	31	87,5	28	13	11	29	17	10,4	25/25
05349	Blue			12	1/2"	31	93,5	28	14	13	29	17	12,5	25/25
05355	Blue			14	9/16"	31	94	28	15,5	15	29	17	14,5	25/25
05361	Blue			16	5/8"	31	98	30	15	16	29	17	16,5	50/50
05367	Blue	20	3/4"	31	98	30	22	16	29	17	21	25/25		
05449	Red	185	(400)	12	1/2"	35	90	30	16	14	32	19	13	25/25
05455	Red			14	9/16"	35	98	30	18	16	32	19	15	25/25
05461	Red			16	5/8"	35	102	30	19	17	32	19	17	25/25
05467	Red			20	3/4"	35	112	30	22	20	32	19	21	25/25
05549	Red	240	(500)	12	1/2"	39,5	100	35	16	14	36	21,5	13	25/25
05555	Red			14	9/16"	39,5	108	35	18	16	36	21,5	15	25/25
05561	Red			16	5/8"	39,5	112	35	19	17	36	21,5	17	25/25
05567	Red			20	3/4"	39,5	124	35	22	20	36	21,5	21	25/25

**HALOGEN FREE**

130 °C



## NYLON CABLE GLANDS · METRIC THREAD · IP68 · STANDARD

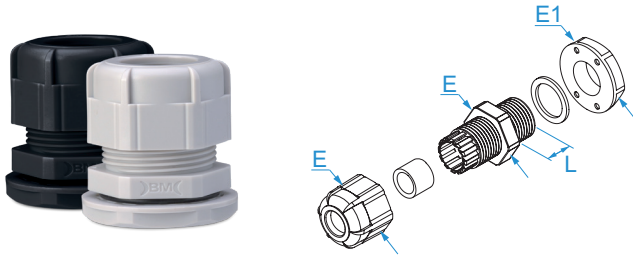


**MATERIAL:** polyamide (PA 6.6), self-extinguishing according to UL 94 V2 and IEC 695-2-1 (850 °C)  
**OPERATING TEMPERATURE:** from -20 °C to +90 °C  
**INNER GASKET AND WASHER:** NBR (nitrile rubber), 70 Shore A  
**ACCORDING TO STD.:** EN 62444:2013  
**ASSEMBLY:** don't remove or move the gasket; tighten on a flat and smooth surface.

Code	Color	Metric thread size (EN60423)	Ø cable (mm)	L (mm)	E wrench (nut)	
4912	Grey RAL 7035	M 12 x 1.5	3 - 6,5	9	16	50/250
4912N	Black RAL 9005		3 - 6,5	9	16	50/250
4917	Grey RAL 7035	M 16 x 1.5	4 - 8	9	19	50/250
4917N	Black RAL 9005		4 - 8	9	19	50/250
4920	Grey RAL 7035	M 20 x 1.5	6 - 12	10	24	25/125
4920N	Black RAL 9005		6 - 12	10	24	25/125
4925	Grey RAL 7035	M 25 x 1.5	13 - 18	12	33	25/125
4925N	Black RAL 9005		13 - 18	12	33	25/125
4932	Grey RAL 7035	M 32 x 1.5	16 - 21	12	36	20/100
4932N	Black RAL 9005		16 - 21	12	36	20/100
4940	Grey RAL 7035	M 40 x 1.5	20 - 26	15	46	10/50
4940N	Black RAL 9005		20 - 26	15	46	10/50
4950	Grey RAL 7035	M 50 x 1.5	32 - 38	18	60	5/25
4950N	Black RAL 9005		32 - 38	18	60	5/25
4963	Grey RAL 7035	M 63 x 1.5	37 - 44	18	68	5/5
4963N	Black RAL 9005		37 - 44	18	68	5/5



**NYLON CABLE GLANDS · METRIC THREAD · IP68 · WITH LOCKNUT**



**MATERIAL:** polyamide (PA 6.6), self-extinguishing according to UL 94 V2 and IEC 695-2-1 (850 °C)

**LOCKNUT:** with flange

**OPERATING TEMPERATURE:** from -20 °C to +90 °C

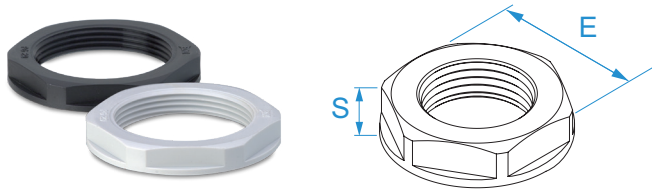
**INNER GASKET AND WASHER:** NBR (nitrile rubber), 70 Shore A

**ACCORDING TO STD.:** EN 62444:2013

**ASSEMBLY:** do not remove or move the gasket; tighten on a flat and smooth surface.

Code	Color	Metric thread size (EN60423)	Ø cable (mm)	L (mm)	E wrench (nut)	E1 wrench (locknut)	
4712	Grey RAL 7035	M 12 x 1.5	3 - 6,5	9	16	17	25/250
4712N	Black RAL 9005		3 - 6,5	9	16	17	25/250
4717	Grey RAL 7035	M 16 x 1.5	4 - 8	9	19	22	25/250
4717N	Black RAL 9005		4 - 8	9	19	22	25/250
4720	Grey RAL 7035	M 20 x 1.5	6 - 12	10	24	26	25/250
4720N	Black RAL 9005		6 - 12	10	24	26	25/250
4725	Grey RAL 7035	M 25 x 1.5	13 - 18	12	33	32	20/100
4725N	Black RAL 9005		13 - 18	12	33	32	20/100
4732	Grey RAL 7035	M 32 x 1.5	16 - 21	12	36	41	20/100
4732N	Black RAL 9005		16 - 21	12	36	41	20/100
4740	Grey RAL 7035	M 40 x 1.5	20 - 26	15	46	49	10/10
4740N	Black RAL 9005		20 - 26	15	46	49	10/10
4750	Grey RAL 7035	M 50 x 1.5	32 - 38	18	60	61	5/5
4750N	Black RAL 9005		32 - 38	18	60	61	5/5
4763	Grey RAL 7035	M 63 x 1.5	37 - 44	18	68	73	5/5
4763N	Black RAL 9005		37 - 44	18	68	73	5/5

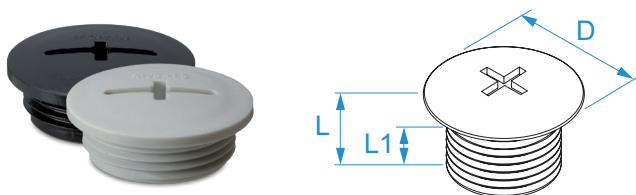


**ACCESSORIES FOR NYLON CABLE GLANDS: METRIC THREAD · HEXAGONAL LOCKNUTS WITH FLANGE**


**MATERIAL:** polyamide reinforced with fiberglass  
**OPERATING TEMPERATURE:** from -20 °C to +90 °C

Code	Color	Metric thread size (EN60423)	E wrench (nut)	S (mm)	
4812	Grey RAL 7035	M 12 x 1.5	17	5	100/500
4812N	Black RAL 9005		17	5	100/500
4817	Grey RAL 7035	M 16 x 1.5	22	5	100/500
4817N	Black RAL 9005		22	5	100/500
4820	Grey RAL 7035	M 20 x 1.5	26	6	100/500
4820N	Black RAL 9005		26	6	100/500
4825	Grey RAL 7035	M 25 x 1.5	32	6	100/500
4825N	Black RAL 9005		32	6	100/500
4832	Grey RAL 7035	M 32 x 1.5	41	7	50/50
4832N	Black RAL 9005		41	7	50/50
4840	Grey RAL 7035	M 40 x 1.5	50	7	25/25
4840N	Black RAL 9005		50	7	25/25
4850	Grey RAL 7035	M 50 x 1.5	60	8	25/25
4850N	Black RAL 9005		60	8	25/25
4863	Grey RAL 7035	M 63 x 1.5	75	8	10/10
4863N	Black RAL 9005		75	8	10/10

**HALOGEN FREE**

**ACCESSORIES FOR NYLON CABLE GLANDS: METRIC THREAD · IP56 · STOP-ENDS**


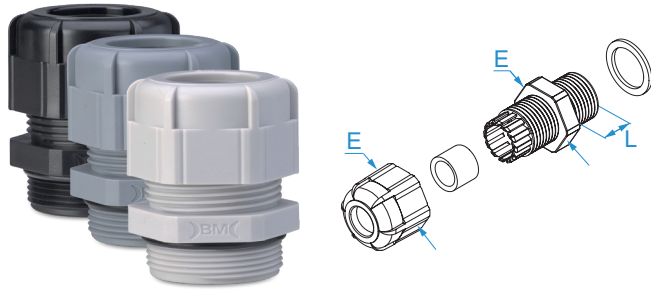
**MATERIAL:** polyamide reinforced with fiberglass  
**OPERATING TEMPERATURE:** from -40 °C to +100 °C  
**ASSEMBLY:** tighten on a flat and smooth surface

Code	Color	Metric thread size (EN60423)	D (mm)	L (mm)	L1 (mm)	
4612	Grey RAL 7035	M 12 x 1.5	15	8	6	100/100
4612N	Black RAL 9005		15	8	6	100/100
4616	Grey RAL 7035	M 16 x 1.5	20	9	6	100/100
4616N	Black RAL 9005		20	9	6	100/100
4620	Grey RAL 7035	M 20 x 1.5	24	9,5	6	100/100
4620N	Black RAL 9005		24	9,5	6	100/100
4625	Grey RAL 7035	M 25 x 1.5	30	10	8	100/100
4625N	Black RAL 9005		30	10	8	100/100
4632	Grey RAL 7035	M 32 x 1.5	37	13,5	8	100/100
4632N	Black RAL 9005		37	13,5	8	100/100
4640	Grey RAL 7035	M 40 x 1.5	46	15	8	50/50
4640N	Black RAL 9005		46	15	8	50/50
4650	Grey RAL 7035	M 50 x 1.5	56	16	10	50/50
4650N	Black RAL 9005		56	16	10	50/50
4663	Grey RAL 7035	M 63 x 1.5	70	16	12	25/25
4663N	Black RAL 9005		70	16	12	25/25

**HALOGEN FREE**

**IP56**

**NYLON CABLE GLANDS · PG THREAD · IP68 · STANDARD**



**MATERIAL:** polyamide (PA 6.6), self-extinguishing according to UL 94 V2 and IEC 695-2-1 (850 °C)

**OPERATING TEMPERATURE:** from -20 °C to +90 °C

**INNER GASKET AND WASHER:** NBR (nitrile rubber), 70 Shore A

**ACCORDING TO STD.:** EN 62444:2013

**ASSEMBLY:** do not remove or move the gasket; tighten on a flat and smooth surface.

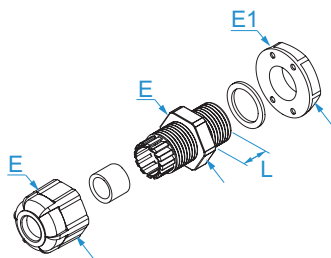
Code	Color	PG thread size (DIN40430)	Ø cable (mm)	L (mm)	E wrench (nut)	
4007	Grey RAL 7035	PG 7	3 - 6,5	9	16	50/500
4307	Grey RAL 7001		3 - 6,5	9	16	50/500
4007N	Black RAL 9005		3 - 6,5	9	16	50/500
4009	Grey RAL 7035	PG 9	4 - 8	9	19	50/500
4309	Grey RAL 7001		4 - 8	9	19	50/500
4009N	Black RAL 9005		4 - 8	9	19	50/500
4011	Grey RAL 7035	PG 11	5 - 10	9	22	25/25
4311	Grey RAL 7001		5 - 10	9	22	25/25
4011N	Black RAL 9005		5 - 10	9	22	25/25
4013	Grey RAL 7035	PG 13.5	6 - 11	10	24	25/25
4313	Grey RAL 7001		6 - 11	10	24	25/25
4013N	Black RAL 9005		6 - 11	10	24	25/25
4016	Grey RAL 7035	PG 16	10 - 13	10	27	25/25
4316	Grey RAL 7001		10 - 13	10	27	25/25
4016N	Black RAL 9005		10 - 13	10	27	25/25
4021	Grey RAL 7035	PG 21	13 - 18	12	33	20/200
4321	Grey RAL 7001		13 - 18	12	33	20/200
4021N	Black RAL 9005		13 - 18	12	33	20/200
4029	Grey RAL 7035	PG 29	18 - 25	12	42	10/100
4329	Grey RAL 7001		18 - 25	12	42	10/100
4029N	Black RAL 9005		18 - 25	12	42	10/100
4036	Grey RAL 7035	PG 36	25 - 32	15	52	5/50
4336	Grey RAL 7001		25 - 32	15	52	5/50
4036N	Black RAL 9005		25 - 32	15	52	5/50
4042	Grey RAL 7035	PG 42	32 - 38	18	60	5/50
4342	Grey RAL 7001		32 - 38	18	60	5/50
4042N	Black RAL 9005		32 - 38	18	60	10/10
4048	Grey RAL 7035	PG 48	37 - 44	18	68	5/50
4348	Grey RAL 7001		37 - 44	18	68	5/50
4048N	Black RAL 9005		37 - 44	18	68	5/50







## NYLON CABLE GLANDS · PG THREAD · IP68 · WITH LOCKNUT



**MATERIAL:** polyamide (PA 6.6), self-extinguishing according to UL 94 V2 and IEC 695-2-1 (850 °C)

**LOCKNUT:** with flange

**OPERATING TEMPERATURE:** from -20 °C to +90 °C

**INNER GASKET AND WASHER:** NBR (nitrile rubber), 70 Shore A

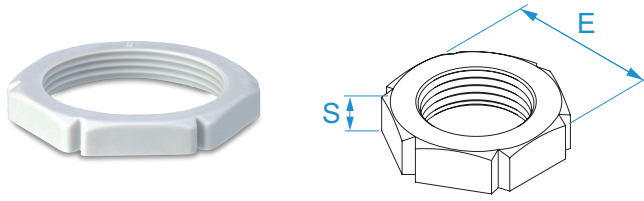
**ACCORDING TO STD.:** EN 62444:2013

**ASSEMBLY:** do not remove or move the gasket; tighten on a flat and smooth surface.

Code	Color	PG thread size (DIN40430)	Ø cable (mm)	L (mm)	E wrench (nut)	E1 wrench (locknut)	
4707	Grey RAL 7035	PG 7	3 - 6,5	9	16	19	10/100
4707N	Black RAL 9005		3 - 6,5	9	16	19	10/100
4709	Grey RAL 7035	PG 9	4 - 8	9	19	22	10/100
4709N	Black RAL 9005		4 - 8	9	19	22	10/100
4711	Grey RAL 7035	PG 11	5 - 10	9	22	24	10/100
4711N	Black RAL 9005		5 - 10	9	22	24	10/100
4713	Grey RAL 7035	PG 13,5	6 - 11	10	24	27	10/100
4713N	Black RAL 9005		6 - 11	10	24	27	10/100
4716	Grey RAL 7035	PG 16	10 - 13	10	27	30	10/100
4716N	Black RAL 9005		10 - 13	10	27	30	10/100
4721	Grey RAL 7035	PG 21	13 - 18	12	33	36	10/100
4721N	Black RAL 9005		13 - 18	12	33	36	10/100
4729	Grey RAL 7035	PG 29	18 - 25	12	42	46	10/50
4729N	Black RAL 9005		18 - 25	12	42	46	10/50
4736	Grey RAL 7035	PG 36	25 - 32	15	52	56	5/5
4736N	Black RAL 9005		25 - 32	15	52	56	5/5
4742	Grey RAL 7035	PG 42	32 - 38	18	60	65	5/5
4742N	Black RAL 9005		32 - 38	18	60	65	5/5
4748	Grey RAL 7035	PG 48	37 - 44	18	68	69	5/5
4748N	Black RAL 9005		37 - 44	18	68	69	5/5



**ACCESSORIES FOR NYLON CABLE GLANDS: PG THREAD - HEXAGONAL LOCKNUTS**

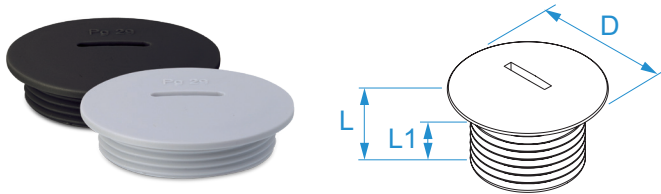


**MATERIAL:** polyamide reinforced with fiberglass  
**OPERATING TEMPERATURE:** from -20 °C to +90 °C

Code	Color	PG thread size (DIN40430)	E wrench (nut)	S (mm)	
3696	Grey RAL 7035	PG 7	19	5	100/100
3697	Grey RAL 7035	PG 9	22	5	100/100
3698	Grey RAL 7035	PG 11	24	4	100/100
3699	Grey RAL 7035	PG 13.5	27	6	100/100
3700	Grey RAL 7035	PG 16	30	6	100/100
3701	Grey RAL 7035	PG 21	36	7	100/100
3702	Grey RAL 7035	PG 29	46	7	50/50
3703	Grey RAL 7035	PG 36	60	8	25/25
3704	Grey RAL 7035	PG 42	65	8	25/25
3705	Grey RAL 7035	PG 48	70	8	10/10

**HALOGEN FREE**

**ACCESSORIES FOR NYLON CABLE GLANDS: PG THREAD - IP56 - STOP-ENDS**



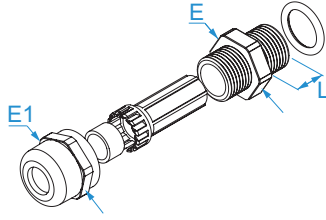
**MATERIAL:** polystyrene  
**OPERATING TEMPERATURE:** from -25 °C to +60 °C  
**OPERATING TEMPERATURE FOR SHORT PERIODS:** 80 °C  
**ASSEMBLY:** tighten on a flat and smooth surface

Code	Color	PG thread size (DIN40430)	D (mm)	L (mm)	L1 (mm)	
4596	Grey RAL 7035	PG 7	15	8	6	100/100
4596N	Black RAL 9005		15	8	6	100/100
4597	Grey RAL 7035	PG 9	19	9	6	100/100
4597N	Black RAL 9005		19	9	6	100/100
4598	Grey RAL 7035	PG 11	22	9	6	100/100
4598N	Black RAL 9005		22	9	6	100/100
4599	Grey RAL 7035	PG 13.5	25	9,5	6	100/100
4599N	Black RAL 9005		25	9,5	6	100/100
4600	Grey RAL 7035	PG 16	27	9,5	6	100/100
4600N	Black RAL 9005		27	9,5	6	100/100
4601	Grey RAL 7035	PG 21	33	11	8	100/100
4601N	Black RAL 9005		33	11	8	100/100
4602	Grey RAL 7035	PG 29	44	12	8	50/50
4602N	Black RAL 9005		44	12	8	50/50
4603	Grey RAL 7035	PG 36	55	15	10	25/25
4603N	Black RAL 9005		55	15	10	25/25
4604	Grey RAL 7035	PG 42	62	16	10	25/25
4604N	Black RAL 9005		62	16	10	25/25
4605	Grey RAL 7035	PG 48	69	16	12	25/25
4605N	Black RAL 9005		69	16	12	25/25

**IP56**



## BRASS CABLE GLANDS - METRIC THREAD - IP68 - STANDARD



**MATERIAL:** nickel-plated brass

**OPERATING TEMPERATURE:** from -40 °C to +100 °C

**INNER GASKET AND O-RING:** NBR (nitrile rubber), 70 Shore A

**ACCORDING TO STD.:** EN 62444:2013

**ASSEMBLY:** do not remove or move the gasket; tighten on a flat and smooth surface.

**CAGE IN:** polyamide (PA 6.6)

Code	Metric thread size (EN60423)	Ø cable (mm)	L (mm)	E wrench (nut)	E1 wrench (locknut)	
2512	M 12 x 1.5	3 - 6,5	6	14	14	100/100
2517	M 16 x 1.5	4 - 8	7	18	18	100/100
2520	M 20 x 1.5	6 - 12	9	22	22	100/100
2525	M 25 x 1.5	10 - 14	9	27	24	100/100
2532	M 32 x 1.5	15 - 22	10	34	34	40/40
2540	M 40 x 1.5	18 - 25	10	45	45	20/20
2550	M 50 x 1.5	32 - 38	10	58	58	12/12
2563	M 63 x 1.5	37 - 44	12	68	64	7/7

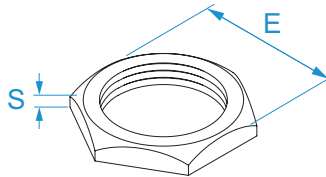


# IP68

## ACCESSORIES FOR BRASS CABLE GLANDS: METRIC THREAD - HEXAGONAL LOCKNUTS

**MATERIAL:** nickel-plated brass

**OPERATING TEMPERATURE:** from -40 °C to +100 °C



Code	Metric thread size (EN60423)	E wrench (nut)	S (mm)	
2712	M 12 x 1.5	15	2,8	100/100
2716	M 16 x 1.5	19	3	100/100
2720	M 20 x 1.5	24	3,2	100/100
2725	M 25 x 1.5	30	3,5	100/100
2732	M 32 x 1.5	37	4	100/100
2740	M 40 x 1.5	46	5	25/25
2750	M 50 x 1.5	50	5	25/25
2763	M 63 x 1.5	70	5,5	10/10

**NYLON CABLE-TIES · STANDARD**



**MATERIAL:** polyamide (PA 6.6)

**COLOR:** natural

**INSULATION SELF-EXTINGUISHING:** UL 94 V2

**OPERATING TEMPERATURE:** from -40 °C to +85 °C

**MINIMUM INSTALLATION TEMPERATURE:** -10 °C

**CHEMICAL RESISTANCE:** good resistance to bases, oils, grease, chloride solvents. Limited resistance to acids. Not resistant to phenols.

**ACCORDING TO STD.:** EN 62275:2015-02

**CLASSIFICATION:** type 1 (EN), type 21 (UL)

**ASSEMBLY:** open the package just before use

Code	Width (mm)	Length (mm)	Max bundle Ø (mm)	Min bundle Ø (mm)	Tensile minimum resistance (N)			
B0824	2,5	80	14	3	80	100/5000		
B1025		100	20,5	3		100/5000		
B1025M		100	20,5	3		1000/5000		
B1225		120	27	3		100/4000		
B1225M		120	27	3		1000/5000		
B1625		160	40	3		100/4000		
B1625M		160	40	3		1000/4000		
B2025		200	52,5	3		100/3000		
B2025M		200	52,5	3		1000/3000		
B1436		3,6	140	33		3	180	100/2500
B1436M	140		33	3	1000/2500			
B2036	200		52,5	3	100/2000			
B2036M	200		52,5	3	1000/2000			
B2936	300		106	3	100/1500			
B2936M	300		106	3	1000/1500			
B3736	370		105	3	100/4000			
B1248	4,6		120	24	3	220		100/2000
B1648			160	36	3			100/1500
B1648M			160	36	3			1000/1500
B1948		188	46	3	100/1500			
B1948M		188	46	3	1000/1500			
B2048		200	50	3	100/1500			
B2048M		200	50	3	1000/1500			
B2548		250	65	3	100/1300			
B2548M		250	65	3	1000/1300			
B3048		4,8	300	81	3		550	100/1000
B3048M	300		81	3	1000/1000			
B3748	370		103,5	3	100/3000			
B3948	390		110	3	100/2500			
B4348	430		122,5	3	100/2000			
B5348	530		160	3	100/1000			
B1576	7,6		150	24	6	800		100/1000
B2076			200	51	6			100/800
B2976			300	83	6			100/600
B3776			370	103,5	6			100/1500
B4576		450	130,5	6	100/2500			
B5476		540	159	6	100/500			
B7576		750	226	6	100/100			
B4390		9	430	130,5	9		100/100	
B5390		550	163,5	9	100/100			
B7190		8,8	710	195	9		800	100/100
B7890	780		235,5	9	100/100			
B8190	810		245	9	100/100			
B1090	1020		295	9	100/100			
B1290	9	1220	375,5	9	800	100/100		
B1590		1530	460	9		100/100		



file n° E 223175



## NYLON CABLE-TIES · UV-RESISTANT STANDARD



**MATERIAL:** polyamide (PA 6.6) + carbon black

**COLOR:** black

**INSULATION SELF-EXTINGUISHING:** UL 94 V2

**OPERATING TEMPERATURE:** from -40 °C to +85 °C

**MINIMUM INSTALLATION TEMPERATURE:** -10 °C

**CHEMICAL RESISTANCE:** good resistance to bases, oils, grease, chloride solvents. Limited resistance to acids. Not resistant to phenols.

**ACCORDING TO STD.:** EN 62275:2015-02

**CLASSIFICATION:** type 1 (EN), type 21 (UL)

**ASSEMBLY:** open the package just before use

Code	Width (mm)	Length (mm)	Max bundle Ø (mm)	Min bundle Ø (mm)	Tensile minimum resistance (N)			
N0824	2,5	80	14	3	80	100/8000		
N0824M		80	14	3		1000/8000		
N1025		100	20,5	3		100/5000		
N1025M		100	20,5	3		1000/5000		
N1225		120	27	3		100/5000		
N1625		160	40	3		100/4000		
N1625M		160	40	3		1000/4000		
N2025		200	52,5	3		100/3000		
N1436		3,6	140	33		3	180	100/2500
N1436M			140	33		3		1000/2500
N2036	200		52,5	3	100/2000			
N2936	300		106	3	100/1500			
N2936M	300		106	3	1000/1500			
N3736	370		105	3	100/4000			
N1248	4,6	120	24	3	220	100/2000		
N1648		160	36	3		100/1500		
N1948		188	46	3		100/1500		
N2048		200	50	3		100/1500		
N2048M		200	50	3		1000/1500		
N2548		250	65	3		100/1300		
N3048		300	81	3		100/1000		
N3048M		300	81	3		1000/1000		
N3748		370	103,5	3		100/3000		
N3948		390	110	3		100/2500		
N4348	430	122,5	3	100/1500				
N5348	530	160	3	100/100				
N1576	7,6	150	24	6	550	100/1000		
N2076		200	51	6		100/800		
N2976		300	83	6		100/600		
N3776		370	103,5	6		100/1000		
N4576		450	130,5	6		100/100		
N5476		540	159	6		100/100		
N7576		750	226	6		100/100		
N4390	9	430	130,5	9	800	100/100		
N5390	550	163,5	9	100/100				
N7190	8,8	710	195	9		100/100		
N7890		780	235,5	9		100/100		
N8190	9	810	245	9		100/100		
N1090		1020	295	9		100/100		
N1290		1220	375,5	9		100/100		
N1590	1530	460	9	100/100				



file n° E 223175



ACCESSORIES FOR NYLON CABLE-TIES · 2-WAY CABLE TIE MOUNTS



**MATERIAL:** polyamide (PA 6.6) + adhesive

**COLOR:** natural

**INSULATION SELF-EXTINGUISHING:** UL 94 V2

**OPERATING TEMPERATURE:** from -40 °C to +85 °C

**MINIMUM INSTALLATION TEMPERATURE:** -10 °C

**CHEMICAL RESISTANCE:** good resistance to bases, oils, grease, chloride solvents. Limited resistance to acids. Not resistant to phenols.

Code	For cable ties with max width (mm)	Dimensions (mm)	Height (mm)	Fixing hole Ø (mm)	Fixing screw Ø (mm)	Type of mount	
B0901	3,6	19 x 19	5,4	3,3	3	adhesive	100/1500
B0902*	4,8	28 x 28	7	5,5	5	adhesive	100/800
B0903*			5,8			screw	100/1000



\* file n° E 223175



ACCESSORIES FOR NYLON CABLE-TIES · 2-WAY CABLE TIE MOUNTS · UV RESISTANT



**MATERIAL:** polyamide (PA 6.6) + adhesive

**COLOR:** black

**INSULATION SELF-EXTINGUISHING:** UL 94 V2

**OPERATING TEMPERATURE:** from -40 °C to +85 °C

**MINIMUM INSTALLATION TEMPERATURE:** -10 °C

**CHEMICAL RESISTANCE:** good resistance to bases, oils, grease, chloride solvents. Limited resistance to acids. Not resistant to phenols.

Code	For cable ties with max width (mm)	Dimensions (mm)	Height (mm)	Fixing hole Ø (mm)	Fixing screw Ø (mm)	Type of mount	
N0901	3,6	19 x 19	5,4	3,3	3	adhesive	100/1500
N0902*	4,8	28 x 28	7	5,5	5	adhesive	100/800
N0903*			5,8			screw	100/1000



\* file n° E 223175



## CABLE PROTECTION - THERMO SHRINKING - THIN WALL 2:1 - REEL



**TYPE:** single wall

**SHRINKAGE RATIO:** 2:1

**MATERIAL:** polyethylene

**OPERATING TEMPERATURE:** from -55°C to +125°C max (+105 °C max for transparent)

**SHRINKAGE TEMPERATURE:** from +70°C to +110°C








































**VRMS MAX:** 600 V

**SHEATH SELF-EXTINGUISHING GRADE:** flame retardant VW-1 UL1581 (except transparent color)

**HALOGEN FREE:** all colours except for yellow-green and transparent

**APPLICATIONS:** economic and efficient insulation and protection of connections and terminals in various industries, including electronics, automotive, railway and marine. The availability of many colours makes cable identification easy.

Code	Size (mm)	Length (m)	Color	D1 (Ø mm)	D2 (Ø mm)	S1 (mm)	Icon (m)
GBS012BBI*	1,2	200	White	1,5 ± 0,2	0,65	0,36 ± 0,10	200/200
GBS012BBL*		200	Blue				
GBS012BNE*		200	Black				
GBS012BRO*		200	Red				
GBS012BTR		200	Transparent				
GBS016BBI*	1,6	200	White	2,0 ± 0,3	0,85	0,36 ± 0,10	200/200
GBS016BBL*		200	Blue				
GBS016BNE*		200	Black				
GBS016BRO*		200	Red				
GBS016BTR		200	Transparent				
GBS024BBI*	2,4	200	White	3,0 ± 0,3	1,25	0,40 ± 0,10	200/200
GBS024BBL*		200	Blue				
GBS024BNE*		200	Black				
GBS024BRO*		200	Red				
GBS024BTR		200	Transparent				
GBS032BBI*	3,2	200	White	3,5 ± 0,4	1,5	0,40 ± 0,10	200/200
GBS032BBL*		200	Blue				
GBS032BGV		200	YellowGreen				
GBS032BNE*		200	Black				
GBS032BRO*		200	Red				
GBS032BTR	200	Transparent					
GBS048BBI*	4,8	100	White	5,5 ± 0,4	2,5	0,55 ± 0,10	100/100
GBS048BBL*		100	Blue				
GBS048BGV		100	YellowGreen				
GBS048BNE*		100	Black				
GBS048BRO*		100	Red				
GBS048BTR	100	Transparent					
GBS064BBI*	6,4	100	White	6,5 ± 0,4	3	0,55 ± 0,10	100/100
GBS064BBL*		100	Blue				
GBS064BGV		100	YellowGreen				
GBS064BNE*		100	Black				
GBS064BRO*		100	Red				
GBS064BTR	100	Transparent					
GBS095BBI*	9,5	100	White	9,5 ± 0,5	4,5	0,60 ± 0,10	100/100
GBS095BBL*		100	Blue				
GBS095BGV		100	YellowGreen				
GBS095BNE*		100	Black				
GBS095BRO*		100	Red				
GBS095BTR	100	Transparent					
GBS127BBI*	12,7	100	White	13,5 ± 0,5	6,5	0,65 ± 0,10	100/100
GBS127BBL*		100	Blue				
GBS127BGV		100	YellowGreen				
GBS127BNE*		100	Black				
GBS127BRO*		100	Red				
GBS127BTR	100	Transparent					

Code	Size (mm)	Length (m)	Color	D1 (Ø mm)	D2 (Ø mm)	S1 (mm)	 (m)
GBS190BBI*	19	100	 White	21,0 ± 0,5	10	0,75 ± 0,15	100/100
GBS190BBL*		100	 Blue				
GBS190BGV		100	 YellowGreen				
GBS190BNE*		100	 Black				
GBS190BRO*		100	 Red				
GBS190BTR		100	 Transparent				
GBS254BBI*	25,4	50	 White	26,0 ± 0,5	12,5	0,90 ± 0,15	50/50
GBS254BBL*		50	 Blue				
GBS254BGV		50	 YellowGreen				
GBS254BNE*		50	 Black				
GBS254BRO*		50	 Red				
GBS254BTR		50	 Transparent				
GBS318BBI*	31,8	50	 White	31,5 ± 1,0	15	0,95 ± 0,15	50/50
GBS318BBL*		50	 Blue				
GBS318BNE		50	 Black				
GBS318BRO*		50	 Red				
GBS318BTR		50	 Transparent				
GBS380BBI*	38	50	 White	41,5 ± 1,0	20	1,0 ± 0,15	50/50
GBS380BBL*		50	 Blue				
GBS380BGV		50	 YellowGreen				
GBS380BNE*		50	 Black				
GBS380BRO*		50	 Red				
GBS380BTR		50	 Transparent				
GBS510BBI	51	25	 White	>50	25	1,0 ± 0,15	25/25
GBS510BBL		25	 Blue				
GBS510BNE		25	 Black				
GBS510BRO		25	 Red				
GBS510BTR		25	 Transparent				
GBS760BBI	76	25	 White	>80	41	1,46 ± 0,20	25/25
GBS760BBL		25	 Blue				
GBS760BNE		25	 Black				
GBS760BRO		25	 Red				
GBS760BTR		25	 Transparent				
GBS102BBI	102	25	 White	>100	51	1,46 ± 0,20	25/25
GBS102BBL		25	 Blue				
GBS102BNE		25	 Black				
GBS102BRO		25	 Red				
GBS102BTR		25	 Transparent				


 \* file n° E245489

**HALOGEN FREE**
**FLAME RETARDANT**
**2:1**

## HEAT GUN

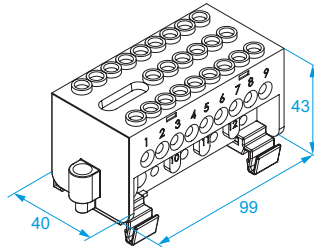
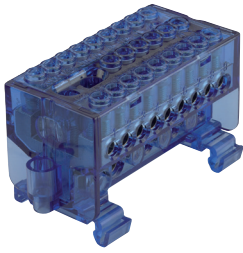


Heat gun with three-position supply selector and electronic continuous temperature control from 50 °C to 600 °C.  
Double protection against over-heating: thermostat and thermic stop.

Code	Power (W)	Voltage	Weight (g)	Selector	Temperature (°C)	Air output (l/min)	
1108	2000	220-240 V, 50 Hz	650	Pos. I Pos. II Pos. III	50 50-600 50-600	150 300 500	1/1



## DISTRIBUTION BLOCK FOR GROUND CONNECTIONS



One-way distribution block with 26 inputs that can be installed by means of screws or DIN 46277/3 (EN 50022) rails. The small size allows installation inside the small boxes usually found in buildings with existing piping. The two-level cabling system allows the wires to be easily inserted. The use of this distribution block is recommended both for connecting the conductors as an equipotential earth node and for connection to extraneous masses (metal structures, piping etc.) in the electrical facilities of medical premises.

**INSULATING HOUSING:** transparent polycarbonate (PC) UL 94 V0

**CONDUCTIVE BODY:** nickel-plated brass

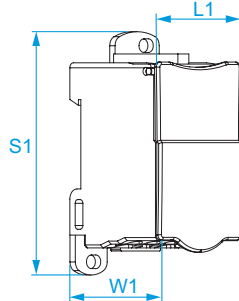
**CAPTIVE SCREW IN:** galvanized steel

**MAX OPERATING TEMPERATURE:** 85 °C

Code	Overall inputs	Inputs	Conductor section (mm <sup>2</sup> )	Type of connection	
9926	26	2 24	16 ÷ 35 2,5 ÷ 10	↓	1/5



## DISTRIBUTION BLOCKS · 1-WAY · 80A, 125A, 160A, 250A, 400A, 500A



**INSULATING HOUSING:** polyamide (PA6.6) UL 94 V0

**COVER:** polycarbonate (PC)

**CONDUCTIVE BODY:** tinned brass

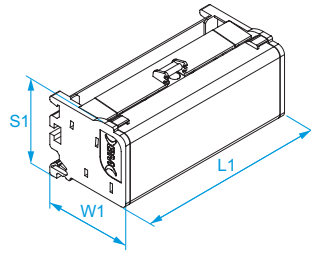
**SCREWS:** galvanized steel

**RATED INSULATION VOLTAGE:** 1000 V AC/DC (IEC), 600 V AC/DC (UL)

**ACCORDING TO STD.:** IEC/EN 60947-7-1, UL 1059

Code	In (A)	Connections (mm x Nr.)	IEC conductor (mm <sup>2</sup> )	UL conductor (AWG/MCM)	IEC Torque (Nm)	UL Torque (lb x in)	IEC Uimp (kV)	IEC Icw (kA)	IEC Ipk (kA)	L1 (mm)	W1 (mm)	S1 (mm)	
QM108007C	80 (IEC)	∅ 6,8 x 1	6 - 16	16 - 4	3,5	19,5	12	3	22	27	47	66	5/5
	85 (UL)	∅ 6,8 x 2 ∅ 4,5 x 4	2,5 - 16 2,5 - 6	16 - 4 16 - 8	3,5 1,2	19,5 10,6							
QM112508C	125 (IEC)	∅ 10 x 1	10 - 35	8 - 1/0	8,5	57	12	4,2	30	29	46	76	5/5
	150 (UL)	∅ 6,8 x 1 ∅ 6,8 x 6	6 - 16 2,5 - 16	14 - 2 14 - 4	3,5 3,5	31 31							
QM116008C	160 (IEC)	∅ 12,3 x 1	10 - 70	8 - 3/0	8,5	75	12	11,8	30	29	46	76	5/5
	200 (UL)	∅ 6,8 x 1 ∅ 6,8 x 6	6 - 16 2,5 - 16	14 - 2 14 - 4	3,5 3,5	31 31							
QM125012C	250 (IEC)	∅ 15 x 1	35 - 120	6 - 250	19	168	12	24,5	51	47	50	97	3/3
	255 (UL)	∅ 9 x 2 ∅ 6,8 x 5 ∅ 6,1 x 4	6 - 35 2,5 - 16 2,5 - 10	10 - 1 14 - 4 14 - 6	4,4 2,7 2,7	39 24 24							
QM140012C	400 (IEC)	∅ 19 x 1	95 - 185	3/0 - 400	25	221	12	24,5	51	47	50	97	3/3
	335 (UL)	∅ 9 x 2 ∅ 6,8 x 5 ∅ 6,1 x 4	6 - 35 2,5 - 16 2,5 - 10	10 - 1 14 - 4 14 - 6	4,4 2,7 2,7	39 24 24							
QM150012B	500 (IEC)	[25x9] x 1	4-6x(15,5x0,8) 2-6x(20x1) 2-8x(24x1)	min 2x(20x1) max 8x(24x1)	13,5	120	12	24,5	51	47	50	97	3/3
	335 (UL)	∅ 9 x 2 ∅ 6,8 x 5 ∅ 6,1 x 4	6 - 35 2,5 - 16 2,5 - 10	10 - 1 14 - 4 14 - 6	4,4 2,7 2,7	39 24 24							



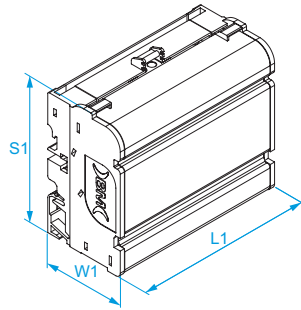
**DISTRIBUTION BLOCKS · 2-WAYS · 40A, 100A, 125A**


**INSULATING HOUSING:** polycarbonate (PC) UL 94 V0  
**PROTECTIONS:** transparent polycarbonate (PC) UL 94 V0  
**CONNECTION BARS:** brass  
**SCREWS:** galvanized steel  
**INSULATION SELF-EXTINGUISHING:** EN 60695-2-11 at 850 °C  
**AMBIENT TEMPERATURE:** 40 °C  
**RATED INSULATION VOLTAGE:** 500 V  
**POLLUTION DEGREE:** 3  
**ACCORDING TO STD.:** IEC/EN 60947-7-1

Code	Rated Current In (A)	Short-Time Current I <sub>cw</sub> (kA)	Peak Current I <sub>pk</sub> (kA)	Connections for way (mm x Nr.)	Conductor section flexible with end-sleeve (mm <sup>2</sup> )	Conductor section rigid (mm <sup>2</sup> )	Tightening torque (Nm)	L1 (mm)	W1 (mm)	S1 (mm)	
QM204017C	40	4,5	20	Ø 6 x 2 Ø 4,3 x 15	4 - 10 0,75 - 4	6 - 16 1,5 - 4	2 - 3 1,2 - 1,5	140	50	47	1/1
QM210007C	100	4,5	20	Ø 7,5 x 2 Ø 5,3 x 5	6 - 16 1,5 - 6	10 - 25 2,5 - 6	2 - 3 2 - 3	70	50	47	1/1
QM210015C	100	4,5	20	Ø 8,5 x 2 Ø 5,5 x 7 Ø 4,5 x 6	10 - 25 1,5 - 6 0,75 - 4	10 - 25 2,5 - 6 1,5 - 4	2 - 3 2 - 3 1,2 - 1,5	140	50	47	1/1
QM212507C	125	4,5	20	Ø 9 x 1 Ø 7,5 x 1 Ø 5,3 x 5	10 - 25 6 - 16 1,5 - 6	10 - 35 10 - 25 2,5 - 6	2 - 3 2 - 3 2 - 3	70	50	47	1/1
QM212511C	125	4,5	20	Ø 9 x 2 Ø 7,5 x 2 Ø 5,3 x 7	10 - 25 6 - 16 1,5 - 6	10 - 35 10 - 25 2,5 - 6	2 - 3 2 - 3 2 - 3	105	50	47	1/1
QM212515C	125	4,5	20	Ø 9 x 2 Ø 7,5 x 2 Ø 5,3 x 11	10 - 25 6 - 16 1,5 - 6	10 - 35 10 - 25 2,5 - 6	2 - 3 2 - 3 2 - 3	140	50	47	1/1



## DISTRIBUTION BLOCKS - 4-WAYS - 40A, 100A, 125A

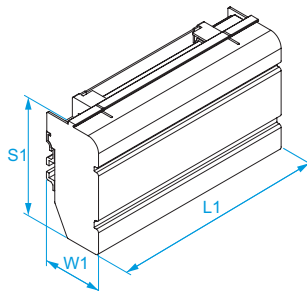
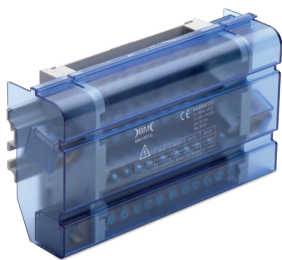


**INSULATING HOUSING:** polycarbonate (PC) UL 94 V0  
**PROTECTIONS:** transparent polycarbonate (PC) UL 94 V0  
**CONNECTION BARS:** brass  
**SCREWS:** galvanized steel  
**INSULATION SELF-EXTINGUISHING:** EN 60695-2-11 at 850 °C  
**AMBIENT TEMPERATURE:** 40 °C  
**RATED INSULATION VOLTAGE:** 500 V  
**POLLUTION DEGREE:** 3  
**ACCORDING TO STD.:** IEC/EN 60947-7-1

Code	Rated Current In (A)	Short-Time Current Icw (kA)	Peak Current Ipk (kA)	Connections for way (mm x Nr.)	Conductor section flexible with end-sleeve (mm <sup>2</sup> )	Conductor section rigid (mm <sup>2</sup> )	Tightening torque (Nm)	L1 (mm)	W1 (mm)	S1 (mm)	
QM404013C	40	4,5	20	Ø 6 x 2 Ø 4,3 x 11	4 - 10 0,75 - 4	6 - 16 1,5 - 4	2 - 3 1,2 - 1,5	105	50	87	1/1
QM410007C	100	4,5	20	Ø 7,5 x 2 Ø 5,3 x 5	6 - 16 1,5 - 6	10 - 25 2,5 - 6	2 - 3 2 - 3	70	50	87	1/1
QM410011C	100	4,5	20	Ø 8,5 x 2 Ø 5,5 x 5 Ø 4,5 x 4	10 - 25 1,5 - 6 0,75 - 4	10 - 25 2,5 - 6 1,5 - 4	2 - 3 2 - 3 1,2 - 1,5	105	50	87	1/1
QM410015C	100	4,5	20	Ø 8,5 x 2 Ø 5,5 x 7 Ø 4,5 x 6	10 - 25 1,5 - 6 0,75 - 4	10 - 25 2,5 - 6 1,5 - 4	2 - 3 2 - 3 1,2 - 1,5	140	50	87	1/1
QM412507C	125	4,5	20	Ø 9 x 1 Ø 7,5 x 1 Ø 5,3 x 5	10 - 25 6 - 16 1,5 - 6	10 - 35 10 - 25 2,5 - 6	2 - 3 2 - 3 2 - 3	70	50	87	1/1
QM412511C	125	4,5	20	Ø 9 x 2 Ø 7,5 x 2 Ø 5,3 x 7	10 - 25 6 - 16 1,5 - 6	10 - 35 10 - 25 2,5 - 6	2 - 3 2 - 3 2 - 3	105	50	87	1/1
QM412515C	125	4,5	20	Ø 9 x 2 Ø 7,5 x 2 Ø 5,3 x 11	10 - 25 6 - 16 1,5 - 6	10 - 35 10 - 25 2,5 - 6	2 - 3 2 - 3 2 - 3	140	50	87	1/1



## DISTRIBUTION BLOCKS - 4-WAYS - 160A

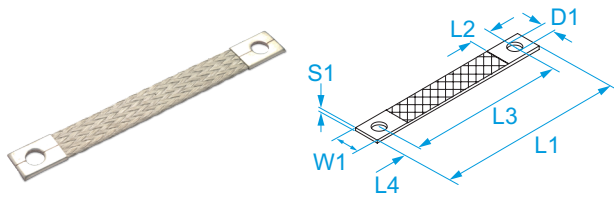


**INSULATING HOUSING:** polycarbonate (PC) UL 94 V0  
**PROTECTIONS:** transparent polycarbonate (PC) UL 94 V0  
**CONNECTION BARS:** brass  
**SCREWS:** galvanized steel  
**INSULATION SELF-EXTINGUISHING:** EN 60695-2-11 at 850 °C  
**AMBIENT TEMPERATURE:** 40 °C  
**RATED INSULATION VOLTAGE:** 500 V  
**POLLUTION DEGREE:** 3  
**ACCORDING TO STD.:** IEC/EN 60947-7-1

Code	Rated Current In (A)	Short-Time Current Icw (kA)	Peak Current Ipk (kA)	Connections for way (mm x Nr.)	Conductor section flexible with end-sleeve (mm <sup>2</sup> )	Conductor section rigid (mm <sup>2</sup> )	Tightening torque (Nm)	L1 (mm)	W1 (mm)	S1 (mm)	
QM416012L	160	8,2	35	Ø 12 x 1 Ø 8,5 x 3 Ø 7,2 x 7 Ø 5,5 x 1	10 - 50 10 - 25 1,5 - 16 1,5 - 6	10 - 50 10 - 35 2,5 - 16 2,5 - 6	8 - 10 2 - 3 2 - 3 2 - 3	175	50	98	1/1



## FLEXIBLE COPPER TWISTED PAIRS FOR EARTHING CONNECTIONS

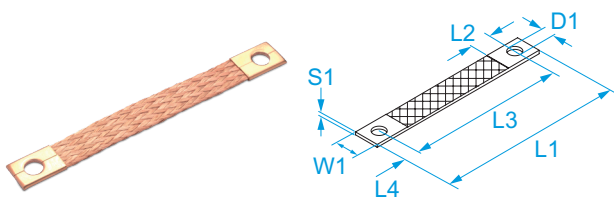


**MATERIAL:** tinned copper  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C  
**SINGLE WIRE:** Cu-ETP EN13602

Code	Section (mm <sup>2</sup> )	Section (AWG/MCM)	W1 (mm)	S1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	Rated current (ΔT = 30 °C) (A)	
61015	10	(8)	17	2	150	12	130	10	9	90	25/25
61017			17	2	170	12	150	10	9	90	25/25
61020			17	2	200	12	180	10	9	90	25/25
61025			17	2	250	12	230	10	9	90	25/25
61115	16	(6)	17	2,5	150	12	130	10	9	120	25/25
61120			17	2,5	200	12	180	10	9	120	25/25
61125			17	2,5	250	12	230	10	9	120	25/25
61130			17	2,5	320	12	300	10	9	120	25/25
61135			17	2,5	350	12	330	10	9	120	25/25
61142			17	2,5	420	12	400	10	9	120	25/25
61157			17	2,5	570	12	550	10	9	120	25/25
61166	17	2,5	660	12	640	10	9	120	25/25		
61215	25	(4)	22	3	150	12	130	10	9	150	25/25
61220			22	3	200	12	180	10	9	150	25/25
61225			22	3	250	12	230	10	9	150	25/25
61230			22	3	300	12	280	10	9	150	25/25

Different sizes are available on demand.

## FLEXIBLE COPPER TWISTED PAIRS FOR EARTHING CONNECTIONS



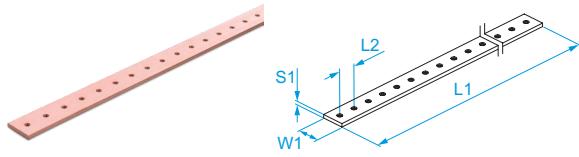
**MATERIAL:** copper  
**OPERATING TEMPERATURE:** from -50 °C to +150 °C  
**SINGLE WIRE:** Cu-ETP EN13602

Code	Section (mm <sup>2</sup> )	Section (AWG/MCM)	W1 (mm)	S1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	Rated current (ΔT = 30 °C) (A)	
60015	10	(8)	17	2	150	12	130	10	9	90	25/25
60020			17	2	200	12	180	10	9	90	25/25
60025			17	2	250	12	230	10	9	90	25/25
60115			17	2,5	150	12	130	10	9	120	25/25
60120	16	(6)	17	2,5	200	12	180	10	9	120	25/25
60125			17	2,5	250	12	230	10	9	120	25/25
60130			17	2,5	320	12	300	10	9	120	25/25
60135			17	2,5	350	12	330	10	9	120	25/25
60142			17	2,5	420	12	400	10	9	120	25/25
60157			17	2,5	570	12	550	10	9	120	25/25
60166			17	2,5	660	12	640	10	9	120	25/25
60215	25	(4)	22	3	150	12	130	10	9	120	25/25
60220			22	3	200	12	180	10	9	150	25/25
60225			22	3	250	12	230	10	9	150	25/25
60230			22	3	300	12	280	10	9	150	25/25

Different sizes are available on demand.



## THREADED COPPER BUSBARS



**MATERIAL:** electrolytic copper

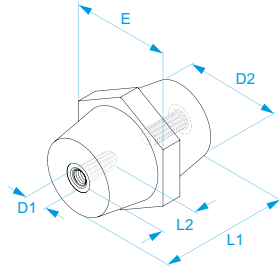
**PROFILE:** round edges

**APPLICATIONS:** power distribution, heavy duty power connections, earth/ground connections, circuit breaker, generator and power network conductors

Code	W1 (mm)	S1 (mm)	L1 (mm)	L2 (mm)	Thread	N. holes	Rated current ( $\Delta T = 30\text{ }^{\circ}\text{C}$ ) (A)	Rated current ( $\Delta T = 50\text{ }^{\circ}\text{C}$ ) (A)	
<a href="#">QB1221518</a>	12	2	1000	18	M5	55	108	142	10/10
<a href="#">QB1241518</a>		4	1000	18	M5	55	160	210	10/10
<a href="#">QB1242518</a>		4	2000	18	M5	111	160	210	10/10
<a href="#">QB1251518</a>	15	5	1000	18	M5	55	183	240	4/4
<a href="#">QB1551625</a>		5	1000	25	M6	40	218	286	4/4
<a href="#">QB1552617</a>		5	2000	17,5	M6	113	218	286	4/4
<a href="#">QB2051625</a>	20	5	1000	25	M6	40	274	362	4/4
<a href="#">QB2052625</a>		5	2000	25	M6	80	274	362	4/4
<a href="#">QB2052517</a>		5	2000	17,5	M5	113	274	362	4/4
<a href="#">QB2011825</a>	25	10	1000	25	M8	40	427	595	4/4
<a href="#">QB2541620</a>		4	1000	20	M6	50	288	380	4/4
<a href="#">QB3052625</a>		5	2000	25	M6	80	379	502	4/4
<a href="#">QB3011825</a>	30	10	1000	25	M8	40	573	754	4/4
<a href="#">QB3012825</a>		10	2000	25	M8	80	573	754	2/2
<a href="#">QB3251625</a>		32	5	1000	25	M6	40	400	530

AVAILABLE ON REQUEST: make to order (dimensions and surface treatments)

## POLYESTER INSULATORS (L.V.)



**INSULATION MATERIAL:** red polyester and fiberglass

**INSERT MATERIAL:** galvanized steel threaded according to ISO standards

**INSULATION SELF-EXTINGUISHING:** UL 94 V0

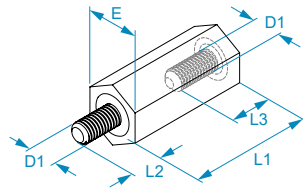
**OPERATING TEMPERATURE:** from -40 °C to +135 °C

**APPLICATIONS:** support of threaded and drilled copper bars

Code	L1 (mm)	D1	L2 (mm)	E wrench (mm)	D2 (mm)	Tightening torque (Nm)	AC Voltage (kV)	DC Voltage (kV)	Tensile strength (daN)	Bending strength (daN)	
QHEP01604	16	M4	3,5	14	11	1,5	0,6	0,8	80	25	50/50
QHEP02004	20	M4	5	18	14	2,5	0,8	1,1	182	65	25/25
QHEP02006		M6	5	18	14	5	0,8	1,1	195	75	25/25
QHEP02505	25	M5	7	21	16	5	1	1,4	350	92	20/20
QHEP02506		M6	7	25	22	6	1	1,4	540	190	20/20
QHEP03006	30	M6	9	32	24	6	1,2	1,6	532	154	10/10
QHEP03008		M8	9	32	25	15	1,2	1,6	796	240	10/10
QHEP03506	35	M6	12	32	26	6	1,4	1,9	620	244	10/10
QHEP03508		M8	12	32	26	15	1,4	1,9	670	250	10/10
QHEP03510		M10	12	32	26	20	1,4	1,9	805	190	10/10
QHEP04006	40	M6	12	38	30	6	1,6	2,2	870	280	10/10
QHEP04008		M8	12	39	31	20	1,6	2,2	860	340	10/10
QHEP04010		M10	12	38	30	25	1,6	2,2	1054	345	10/10
QHEP04506	45	M6	12	40	32	10	1,8	2,5	990	310	10/10
QHEP04508		M8	12	40	32	20	1,8	2,5	1100	345	10/10
QHEP04510		M10	12	40	32	30	1,8	2,5	1220	300	10/10
QHEP05006	50	M6	12	46	35	10	2	2,8	1120	300	10/10
QHEP05008		M8	17	46	35	20	2	2,8	1500	420	10/10
QHEP05010		M10	17	46	35	30	2	2,8	1550	500	10/10
QHEP05012		M12	17	46	35	50	2	2,8	1511	472	10/10
QHEP06008	60	M8	17	50	38	20	2,4	3,3	1200	253	4/4
QHEP06010		M10	17	50	38	30	2,4	3,3	1570	410	4/4
QHEP06012		M12	17	50	38	50	2,4	3,3	1640	520	4/4
QHEP07010	70	M10	22	55	41	30	2,8	3,9	1720	490	4/4
QHEP07012		M12	22	55	41	50	2,8	3,9	1800	500	4/4
QHEP07512	75	M12	22	53	42	50	3	4,2	1840	540	4/4



## INSULATED SPACERS (L.V.)



**INSULATION MATERIAL:** PBT black polyester

**INSERT MATERIAL:** galvanized steel male and female threaded according to ISO standards

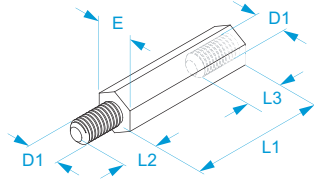
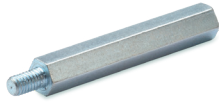
**INSULATION SELF-EXTINGUISHING:** UL 94 V0

**OPERATING TEMPERATURE:** from -40 °C to +135 °C


**APPLICATIONS:** support for different applications such as electronic board protections

Code	L1 (mm)	D1	L2 (mm)	L3 (mm)	E wrench (mm)	Tightening torque (Nm)	AC Voltage (kV)	DC Voltage (kV)	
QSCP015M4	15	M4	7	8,5	9	1	0,5	0,7	100/100
QSCP020M4	20		7	8,5	9	1,5	0,6	0,8	100/100
QSCP025M4	25		7	8,5	9	1,5	0,8	1,1	50/50
QSCP030M4	30		9	8,5	9	1,5	1	1,4	50/50
QSCP040M4	40		9	7	9	1,5	1,4	1,9	50/50
QSCP055M4	55		9	7	9	1,5	1,8	2,5	50/50
QSCP060M4	60		9	7	9	1,5	1,8	2,5	50/50
QSCP090M4	90		9	7	9	1,5	1,8	2,5	50/50
QSCP015M5	15		M5	7	8,5	13	3,5	0,5	0,7
QSCP020M5	20	7		8,5	13	3,5	0,6	0,8	100/100
QSCP025M5	25	7		8,5	13	3,5	0,8	1,1	50/50
QSCP030M5	30	7		8,5	13	3,5	1	1,4	50/50
QSCP045M5	45	7		8,5	13	3,5	1,6	2,2	50/50
QSCP055M5	55	7		8,5	13	3,5	1,8	2,5	50/50
QSCP070M5	70	7		8,5	13	3,5	1,8	2,5	50/50
QSCP085M5	85	7		8,5	13	3,5	1,8	2,5	50/50
QSCP120M5	120	7		8,5	13	3,5	1,8	2,5	50/50
QSCP015M6	15	M6	7	8,5	13	4	0,5	0,7	100/100
QSCP020M6	20		7	8,5	13	4	0,6	0,8	100/100
QSCP025M6	25		7	8,5	13	4	0,8	1,1	50/50
QSCP030M6	30		7	8,5	13	4	1	1,4	50/50
QSCP045M6	45		7	8,5	13	4	1,6	2,2	50/50
QSCP060M6	60		7	8,5	13	4	2	2,5	50/50
QSCP070M6	70		7	8,5	13	4	1,8	2,5	50/50
QSCP120M6	120		7	8,5	13	4	1,8	2,5	50/50

## UNINSULATED SPACERS



**MATERIAL:** galvanized steel male and female threaded  
**APPLICATIONS:** support for plates, screens and profiles

Code	L1 (mm)	D1	L2 (mm)	L3 (mm)	E wrench (mm)	Tightening torque (Nm)	
QSMS015M4	15	M4	8	10	7	2,5	100/100
QSMS020M4	20		8	10	7	2,5	100/100
QSMS025M4	25		10	10	7	2,5	50/50
QSMS030M4	30		10	10	7	2,5	50/50
QSMS040M4	40		10	10	7	2,5	50/50
QSMS050M4	50		10	10	7	2,5	50/50
QSMS060M4	60		10	10	7	2,5	50/50
QSMS015M5	15	M5	8	10	8	5	100/100
QSMS020M5	20		8	10	8	5	100/100
QSMS025M5	25		10	10	8	5	50/50
QSMS030M5	30		10	10	8	5	50/50
QSMS040M5	40		10	10	8	5	50/50
QSMS050M5	50		10	10	8	5	50/50
QSMS060M5	60		10	10	8	5	50/50
QSMS080M5	80		10	10	8	5	25/25
QSMS015M6	15	M6	10	10	10	8	100/100
QSMS020M6	20		10	10	10	8	100/100
QSMS025M6	25		10	10	10	8	50/50
QSMS030M6	30		10	10	10	8	50/50
QSMS040M6	40		10	10	10	8	50/50
QSMS050M6	50		10	10	10	8	50/50
QSMS060M6	60		10	10	10	8	50/50
QSMS080M6	80		10	10	10	8	25/25





## CABLE PROTECTION · EXPANDABLE CABLING SLEEVES · POLYESTER



**MATERIAL:** polyester  
**OPERATING TEMPERATURE:** da -50°C a +125°C max  
**MELTING POINT:** 240 ± 10°C  
**SHEATH SELF-EXTINGUISHING GRADE:** VW-1 (UL 1581)  
**MATERIAL SELF-EXTINGUISHING GRADE:** UL 94 V2

Code	Size (mm)	Length (m)	Color	D1 (Ø mm)	D2 (Ø mm)	
<a href="#">GCP006MGR</a>	6	100	Grey	9	3	1/1
<a href="#">GCP006MNE</a>		100	Black			1/1
<a href="#">GCP008MGR</a>	8	100	Grey	12	5	1/1
<a href="#">GCP008MNE</a>		100	Black			1/1
<a href="#">GCP010MGR</a>	10	100	Grey	17	7	1/1
<a href="#">GCP010MNE</a>		100	Black			1/1
<a href="#">GCP015MGR</a>	15	50	Grey	27	10	1/1
<a href="#">GCP015MNE</a>		50	Black			1/1
<a href="#">GCP020MGR</a>	20	50	Grey	30	14	1/1
<a href="#">GCP020MNE</a>		50	Black			1/1
<a href="#">GCP030MGR</a>	30	50	Grey	50	20	1/1
<a href="#">GCP030MNE</a>		50	Black			1/1
<a href="#">GCP040MGR</a>	40	50	Grey	60	30	1/1
<a href="#">GCP040MNE</a>		50	Black			1/1



**FLAME**  
RETARDANT

**HALOGEN**  
FREE

**CRIMPING TOOL · CRIMPAR · WITHOUT DIES**


Code	Field of use	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
53P000	crimping tool for interchangeable dies	220	75	27	0,6	240x85x28	SC

# CRIMPAR

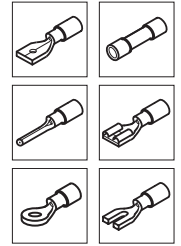
**DIES · SERIES 53 · FOR CRIMPAR 53P000**


Code	Compatible positioner	Terminal type	Section (mm <sup>2</sup> )	Section (AWG/MCM)
53M02H		dies for insulated terminals	0.5 ÷ 6	(20-10)
53M02E		die for end-sleeve terminals	0.5 ÷ 4	(20-12)
53M2E1		die for end-sleeve terminals	6 ÷ 16	(10-6)
53M5D2		die for end-sleeve terminals	16 ÷ 35	(6-2)
53M5D1		die for end-sleeve terminals die for end-sleeve terminals	25 50	(4) (1/0)
53M2E4		die for end-sleeve double cable terminals	2x 0.5 ÷ 6	2x (20-10)
53M2E5		die for end-sleeve double cable terminals	2x 10 ÷ 16	2x (7-5)
53M5N2		die for uninsulated copper terminals	0.75 ÷ 10	(8)
53M5N1		die for uninsulated copper terminals	10 ÷ 25	(8-4)
53M03C		die for coaxial connectors RG 58-59-62-6		
53M2C2		die for connectors M620 series and positioner	0.5 ÷ 2.5	(20-14)
53M02F		die for quick-connect female flag insulated terminals	0.5 ÷ 2.5	(20-14)
53MMC4		die for MC4 solar connectors	2.5 ÷ 6	(14-10)
53M02C	53L02C	die for uninsulated open barrel brass terminals	0.5 ÷ 6	(20-10)
53L02C		Positioners for 53M02C die (for uninsulated male and female quick connectors)		
53M13C		die for close end connectors	0,25 ÷ 6	(22-10)

# CRIMPAR SERIE53



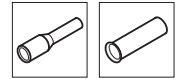
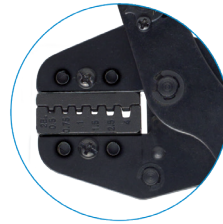
**CRIMPING TOOL · CRIMPAR · FOR INSULATED TERMINALS · 0.25÷6**



Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
53P02H	for insulated terminals	0.5 ÷ 6	(20-10)	220	75	27	0,6	240x85x28	SC

**CRIMPAR**

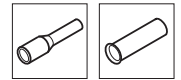
**CRIMPING TOOL · CRIMPAR · FOR END-SLEEVES · 0.5÷4**



Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Pack size LxWxH (mm)	
53P02E	for end-sleeve terminals	0.5 ÷ 4	(20-12)	220	75	27	240x85x28	SC

**CRIMPAR**

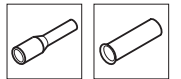
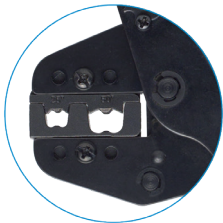
**CRIMPING TOOL · CRIMPAR · FOR END-SLEEVES · 6÷16**



Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
53P2E1	for end-sleeve terminals	6 ÷ 16	(10-6)	220	75	27	0,6	240x85x28	SC

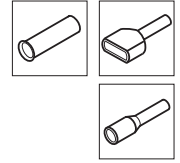
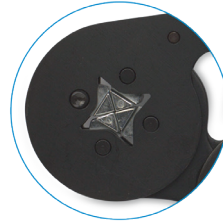
**CRIMPAR**

**CRIMPING TOOL · CRIMPAR · FOR END-SLEEVES · 25-50**

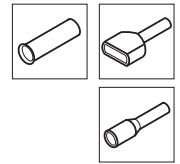


Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
53P5D1	for end-sleeve terminals	25 - 50	4-1	220	75	27	0,6	240x85x28	SC

**CRIMPAR**

**CRIMPING TOOL · SQUARE CRIMPING · LATERAL INSERTION**


Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
53816	for single and double cable end-sleeve terminals	1x(0.08÷16), 2x(0.5÷6)	1x(28÷5), 2x(20÷10)	200	70	20	0,5	210x75x25	SC

**CRIMQ**
**CRIMPING TOOL · SQUARE CRIMPING · FRONT INSERTION**


Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
5382	for single and double cable end-sleeve terminals	1x(0.08÷16), 2x(0.5÷6)	1x(28÷5), 2x(20÷10)	200	70	20	0,5	210x75x25	SC

**CRIMQ**
**CRIMPING TOOL · WITH LONG HANDLES · FOR INSULATED TERMINALS · 10÷120**


Entirely made of steel with epoxy powder surface coating, which guarantees a high degree of corrosion resistance. Handles insulated by means of a bath in plastic material. Easy to use, with adjustable die for deep crimping of uninsulated terminals.

Code	Field of use	Section (mm <sup>2</sup> )	Section (AWG/MCM)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
523	for uninsulated terminals	10 ÷ 120	(8-4/0)	570	100	35	3,2	575x120x40	SC

## CRIMPING TOOL · HYDRAULIC · MANUAL · 50KN · DIES SERIES 82



**CRIMPING FORCE AT DIE LEVEL:** 50 kN

**DIES:** 82 series

**FIELD OF USE:** terminals

- uninsulated from 10 to 240 mm<sup>2</sup> (185 mm<sup>2</sup> for DIN)
- uninsulated class 6 and DIN from 10 to 185 mm<sup>2</sup>
- medium voltage from 25 to 150 mm<sup>2</sup>
- aluminum from 16 to 150 mm<sup>2</sup>
- bimetallic from 16 to 150 mm<sup>2</sup>
- bimetallic DIN from 16 to 150 mm<sup>2</sup>
- insulated from 10 to 95 mm<sup>2</sup>
- C shunt from 10 to 35 mm<sup>2</sup>
- end-sleeve from 50 to 150 mm<sup>2</sup>

- lateral snap opening for quick and easy die positioning
- 180° swivel head for easy crimping in narrow places
- two pistons advancement speeds: one for quickly matching die terminal, the other for crimping
- automatic end-of-work release device to guarantee the crimping quality
- release lever device to open the tool at the end of operation and in case of a wrong maneuver

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
1823A3	kit including: • 50 kN press • die set for uninsulated terminals from 10 to 240 mm <sup>2</sup> • carrying case	380	140	70	2	450x280x80	VA

## SERIE82

## HYDRAULIC · MANUAL · 120 KN · DIES SERIES 84



**CRIMPING FORCE AT DIE LEVEL:** 120 kN

**DIES:** 84 series

**FIELD OF USE:** terminals

- uninsulated from 10 to 400 mm<sup>2</sup> (300 mm<sup>2</sup> for DIN)
- uninsulated class 6 from 10 to 185 mm<sup>2</sup>
- medium voltage from 25 to 400 mm<sup>2</sup>
- aluminum from 16 to 240 mm<sup>2</sup>
- bimetallic from 16 to 300 mm<sup>2</sup>
- bimetallic DIN from 16 to 300 mm<sup>2</sup>
- insulated from 10 to 240 mm<sup>2</sup>
- C shunt from 10 to 150 mm<sup>2</sup>
- end-sleeve from 50 to 150 mm<sup>2</sup>

- "C" opening for easy joint crimping (the maximum conductor section depends on cable insulation thickness)
- bigger "C" opening in 184PL version to crimp big section joints
- 180° swivel head for easy crimping in narrow places
- two piston advancement speeds: one for quickly matching die and terminal, the other for crimping
- automatic end-of-work release device to guarantee crimping quality
- release device activated by a rotation of the handle to open the tool at the end of operation and in case of a wrong manoeuvre

Code	Description	Max "C" opening (mm)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
184P	120 kN press with carrying case	25	580	210	72	6,3	730x250x110	VA
184PL	120 kN press with carrying case	42	640	210	77	8,2	730x250x110	VA

## SERIE84

**CRIMPING TOOL · BATTERY POWERED · IN-LINE · 55KN · DIES SERIES 83**



- CRIMPING FORCE AT DIE LEVEL:** 55 kN
- BAT:** 9 mm
- CRIMPING TIME:** from 3 to 5 s
- DIES:** 83 series
- BATTERY:** Stanley, Lithium, 18V 2.0Ah
- BATTERY CAPACITY:** about 220 crimps (CU 185 mm<sup>2</sup>)
- USB SOCKET:** Mini
- FIELD OF USE:** terminals
  - Class 1,2,5 conductors from 10 to 300 mm<sup>2</sup>
  - Class 6 conductors from 10 to 185 mm<sup>2</sup>
  - DIN standard from 10 to 240 mm<sup>2</sup>
  - NFC standard from 4 to 240 mm<sup>2</sup>
  - Medium voltage from 25 to 300 mm<sup>2</sup>
  - DIN aluminum and bimetallic from 16 to 185 mm<sup>2</sup>
  - Insulated from 10 to 95 mm<sup>2</sup>
  - C shunt from 10 to 25 mm<sup>2</sup>

- LED lighting of the workplace
- working trigger with motor stop function at the stroke
- release trigger
- ergonomic handles in bi-component plastic
- handling ring for transportation (strap) or safety cable
- USB connection for data analysis & preventive maintenance
- on/off button with emergency saving function
- LED display panel for battery charge level, cycle conformity, maintenance
- electronic protection in case of overpressure
- quick motor stop function at crimping or cutting end for high user safety
- energy saving function for switching off the tool
- crimping speed improved by a high performance motor
- possibility to use 5.0Ah battery for an extended use
- quick opening & closing head
- dies retention spheres
- hexagonal crimping up to 300 mm<sup>2</sup>
- interchangeable die set
- rotative head 180°

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
<b>37A055</b>	Kit including: • crimping tool 55 kN • Rechargeable battery Stanley 18V li-Ion 2.0Ah • Stanley battery charger 220V AC powered • carrying case	128	75	390	2,9	471x415x116 (V)	VA
<b>37A055A1</b>	Kit including: • crimping tool 55 kN • die set for uninsulated terminals from 10 to 240 mm <sup>2</sup> • Rechargeable battery Stanley 18V li-Ion 2.0Ah • Stanley battery charger 220V AC powered • carrying case	128	75	390	2,9	471x415x116 (V)	VA



**SERIE83**

## CRIMPING TOOL · BATTERY POWERED · 62KN · DIES SERIES 85



**CRIMPING FORCE AT DIE LEVEL:** 62 kN

**BAT:** 13 mm

**CRIMPING TIME:** from 3 to 5 s

**DIES:** 85 series

**BATTERY:** Stanley, Lithium, 18V 5.0Ah

**BATTERY CAPACITY:** about 340 crimps (CU 185 mm<sup>2</sup>)

**USB SOCKET:** Micro

**FIELD OF USE:** terminals

- Class 1,2,5 conductors from 10 to 300 mm<sup>2</sup>
- Class 6 conductors from 10 to 185 mm<sup>2</sup>
- DIN standard from 10 to 240 mm<sup>2</sup>
- NFC standard from 6 to 300 mm<sup>2</sup>
- Medium voltage from 25 to 300 mm<sup>2</sup>
- Aluminum and bimetallic from 16 to 240 mm<sup>2</sup>
- Insulated from 10 to 95 mm<sup>2</sup>
- C shunt from 10 to 50 mm<sup>2</sup>
- End-sleeves from 50 to 95 mm<sup>2</sup>

- ring LED to provide crimping cycle information and to lighten the workplace
- working trigger with motor stop function at the stroke
- release trigger
- ergonomic handles in bi-component plastic
- handling ring for transportation (strap) or safety cable
- USB connection for data analysis & preventive maintenance
- safety locking trigger
- protection membrane to ventilate the electronics keeping it safe from moisture and dust
- LED display panel for battery charge level, cycle conformity, maintenance
- electronic protection in case of overpressure
- quick motor stop function at crimping or cutting end for high user safety
- energy saving function for switching off the tool
- crimping speed improved by a high performance motor
- 2 hydraulic pump stages for improved fast advance
- quick opening & closing head
- dies retention spheres
- hexagonal crimping up to 300 mm<sup>2</sup>
- excellent ratio weight/capacity
- interchangeable die set
- rotative head 270°

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
38A062	Kit including: • crimping tool 62 kN • Rechargeable battery Stanley 18V li-Ion 5.0Ah • Stanley battery charger 220V AC powered • carrying case	375	75	325	5,1	594x494x149	VA



# SERIE85

**CRIMPING TOOL - BATTERY POWERED - 130KN - DIES SERIES 84**



**CRIMPING FORCE AT DIE LEVEL:** 130 kN

**DIES:** 84 series

**BATTERY:** Stanley, Lithium, 18V, 5.0Ah

**USB SOCKET:** Micro

**FIELD OF USE:** terminals

- Class 1,2,5 conductors from 10 to 400 mm<sup>2</sup>
- Class 6 conductors from 10 to 185 mm<sup>2</sup>
- DIN standard from 10 to 300 mm<sup>2</sup>
- NFC standard from 6 to 300/400 mm<sup>2</sup> (38A130/38A130L)
- Medium voltage from 25 to 400 mm<sup>2</sup>
- Aluminum and bimetallic from 16 to 300 mm<sup>2</sup>
- Insulated from 10 to 240 mm<sup>2</sup>
- C shunt from 10 to 150 mm<sup>2</sup>
- End-sleeves from 50 to 150 mm<sup>2</sup>

- ring LED to provide crimping cycle information and to lighten the workplace
- working trigger with motor stop function at the stroke
- release trigger
- ergonomic handles in bi-component plastic
- handling ring for transportation (strap) or safety cable
- USB connection for data analysis & preventive maintenance
- safety locking trigger
- protection membrane to ventilate the electronics keeping it safe from moisture and dust
- LED display panel for battery charge level, cycle conformity, maintenance
- electronic protection in case of overpressure
- quick motor stop function at crimping or cutting end for high user safety
- energy saving function for switching off the tool
- crimping speed improved by a high performance motor
- 2 hydraulic pump stages for improved fast advance
- "C" opening
- dies retention spheres
- hexagonal crimping up to 400 mm<sup>2</sup>
- interchangeable die set

Code	Description	Max "C" opening (mm)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
<b>38A130</b>	Kit including: • crimping tool 130 kN • Rechargeable battery Stanley 18V li-Ion 5.0Ah • Stanley battery charger 220V AC powered • carrying case	27	400	75	310	7	594x494x149	VA
<b>38A130L</b>	Kit including: • crimping tool 130 kN • Rechargeable battery Stanley 18V li-Ion 5.0Ah • Stanley battery charger 220V AC powered • carrying case	45	430	75	310	7,4	594x494x149	VA



**SERIE84**



**ACCESSORIES · FOR BATTERY POWERED TOOL**



Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)
<b>39B2AH</b>	Rechargeable battery Stanley 18V Li-ion 2.0 Ah Charge time: 40 min Compatibility: 37A055, 37T055	115	75	45	0,36
<b>39B5AH</b>	Rechargeable battery Stanley 18V Li-ion 5.0 Ah Charge time: 80 min Compatibility: 37A055, 37T055, 38A062, 38A130, 38A130L, 38T130	115	75	65	0,62
<b>39C220</b>	Stanley battery charger for Stanley batteries, 220V AC powered	180	120	80	0,54



## DIES SERIES 82

### COMPATIBILITY

- 582 mechanical crimping tool (up to 150 mm<sup>2</sup> for uninsulated terminals and up to 120 mm<sup>2</sup> for DIN terminals)
- 200/200PA hydraulic manual multi-head

- 1823P/1823A1/1823A2/1823A3/1823A4 hydraulic manual
- 182/182P/1823/1824 hydraulic manual (out of print)
- 200A crimping head for multi-head manual hydraulic

**MATERIAL:** steel + heat treatment  
**SURFACE TREATMENT:** burnished

mm <sup>2</sup>	For copper conductors								For all
	uninsulated cl 1, 2, 5 (terminal lug, butt connector)		uninsulated class 6 (terminal lug)		uninsulated DIN 46235, 46234, 46267/1 (terminal lug, butt connector)		uninsulated Medium Voltage (terminal lug, butt connector)		prerounding
	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type
10	182010	7	182010	7	182310	6	---	-	---
16	182016	7.5	182016	7.5	182316	8	---	-	---
25	182025	9	182025	9	182325	10	182325	10	---
35	182035	11	182035	11	182335	12	182035	12	---
50	182035	12	182435	13	182335	14	182035	12	182550
70	182025	14	182025	14	182325	16	182016	16	182570
95	182016	16	182010	18	182316	18	182015	20	182595
120	182010	18	182015	20	182310	20	182018	22	182512
150	182015	20	182018	22	182018	22	---	-	182515
185	182018	22	182024	25	182024	25	---	-	---
240	182024	25	---	-	---	-	---	-	---

mm <sup>2</sup>	For copper conductors				For aluminum conductors			
	insulated (terminal lug)	C shunts	End-sleeves		uninsulated (bimetallic)		uninsulated DIN 48201 (terminal lug, bimetallic, joint)	
	Die Type	Die Type	Die Type		Die Type	ID	Die Type	ID
10	182110	182210	---	-	---	-	---	-
16	182116	182225	---	-	182450	15	182035	12
25	182125	182235	---	-	---	-	182435	13
35	182135	182235	---	-	---	-	182450	15
50	182150	---	182650	▽	182015	20	182015	20
70	182170	---	182670	▽	---	-	182495	21
95	182195	---	182695	▽	---	-	182018	22
120	---	---	182612	▽	182024	25	182024	25
150	---	---	182615	▽	---	-	---	-
185	---	---	---	-	---	-	---	-
240	---	---	---	-	---	-	---	-

### KEY TO SYMBOLS

- ⬡ hexagonal compression
- ⊖ compression with radial containment

- oval compression
- ▽ trapezoidal compression

**SERIE82**

## DIES SERIES 83

### COMPATIBILITY

- **1833/1833A1** hydraulic manual
- **183/183P** hydraulic manual (out of print)
- **37A055/37A055A1** hydraulic battery powered

- **383** hydraulic battery powered (out of print)
- **2833** head for pump
- **283** head for pump (out of print)

**MATERIAL:** steel + heat treatment  
**SURFACE TREATMENT:** burnished

mm <sup>2</sup>	For copper conductors										For all
	uninsulated cl 1, 2, 5 (terminal lug, butt connector)		uninsulated class 6 (terminal lug)		uninsulated DIN 46235, 46234, 46267/1 (terminal lug, butt connector)		uninsulated NFC (terminal lug, butt connector)		uninsulated Medium Voltage (terminal lug, butt connector)		prerounding
	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type
4	---	-	---	-	---	-	<b>183704</b>	⬡	---	-	---
6	---	-	---	-	---	-	<b>183706</b>	⬡	---	-	---
10	<b>183010</b>	7	<b>183010</b>	7	<b>183310</b>	6	<b>183710</b>	⬡	---	-	---
16	<b>183016</b>	7.5	<b>183016</b>	7.5	<b>183316</b>	8	<b>183716</b>	⬡	---	-	---
25	<b>183025</b>	9	<b>183025</b>	9	<b>183325</b>	10	<b>183725</b>	⬡	<b>183325</b>	10	---
35	<b>183035</b>	11	<b>183035</b>	11	<b>183335</b>	12	<b>183706</b>	⬡	---	-	---
50	<b>183050</b>	12	<b>183435</b>	13	<b>183350</b>	14	<b>183710</b>	⬡	<b>183050</b>	12	<b>183550</b>
70	<b>183050</b>	14	<b>183050</b>	14	<b>183350</b>	16	<b>183716</b>	⬡	<b>183035</b>	16	<b>183570</b>
95	<b>183035</b>	16	<b>183025</b>	18	<b>183335</b>	18	<b>183725</b>	⬡	<b>183016</b>	20	<b>183595</b>
120	<b>183025</b>	18	<b>183016</b>	20	<b>183325</b>	20	<b>183704</b>	⬡	---	-	<b>183512</b>
150	<b>183016</b>	20	<b>183010</b>	22	<b>183316</b>	22	<b>183715</b>	⬡	<b>183010</b>	22	<b>183515</b>
185	<b>183010</b>	22	<b>183024</b>	25	<b>183310</b>	25	<b>183718</b>	⬡	---	-	---
240	<b>183024</b>	25	---	-	<b>183324</b>	28	<b>183724</b>	⬡	<b>183324</b>	28	---
300	<b>183324</b>	28	---	-	---	-	---	-	---	-	---

mm <sup>2</sup>	For copper conductors				For aluminum conductors					
	insulated (terminal lug)		C shunts		End-sleeves		uninsulated (bimetallic)		uninsulated DIN 48201 (terminal lug, bimetallic, joint)	
	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID
4	---	-	---	-	---	-	---	-	---	-
6	---	-	---	-	---	-	---	-	---	-
10	<b>183110</b>	⬡	<b>183210</b>	⬡	---	-	---	-	---	-
16	<b>183116</b>	⬡	---	-	---	-	<b>183450</b>	15	<b>183050</b>	12
25	<b>183125</b>	⬡	<b>183225</b>	⬡	---	-	---	-	---	-
35	<b>183135</b>	⬡	<b>183235*</b>	⬡	---	-	---	-	<b>183435</b>	13
50	<b>183150</b>	⬡	---	-	<b>183650</b>	⬡	<b>183016</b>	20	<b>183450</b>	15
70	<b>183170</b>	⬡	<b>183270*</b>	⬡	<b>183670*</b>	⬡	---	-	<b>183016</b>	20
95	<b>183195</b>	⬡	<b>183295*</b>	⬡	<b>183695*</b>	⬡	---	-	<b>183495</b>	21
120	---	-	---	-	<b>183612*</b>	⬡	<b>183024</b>	25	<b>183010</b>	22
150	---	-	---	-	<b>183615*</b>	⬡	---	-	<b>183024</b>	25
185	---	-	---	-	---	-	---	-	<b>183324</b>	28
240	---	-	---	-	---	-	---	-	---	-
300	---	-	---	-	---	-	---	-	---	-

\* dies not usable with crimping tool 37A055

### KEY TO SYMBOLS

- ⬡ hexagonal compression
- ⬢ compression with radial containment

- ⬡ oval compression
- ⬢ trapezoidal compression

**SERIE83**

## DIES SERIES 84

### COMPATIBILITY

- 184P/184PL/186 hydraulic manual
- 184 hydraulic manual (out of print)

- 38A130/38A130L hydraulic battery powered
- 384 hydraulic battery powered (out of print)
- 284/284L/286 head for pump

**MATERIAL:** steel + heat treatment  
**SURFACE TREATMENT:** burnished  
**THICKNESS:** 35 mm

mm <sup>2</sup>	For copper conductors										For all
	uninsulated cl 1, 2, 5 (terminal lug, butt connector)		uninsulated class 6 (terminal lug)		uninsulated DIN 46235, 46234, 46267/1 (terminal lug, butt connector)		uninsulated NFC (terminal lug, butt connector)		uninsulated Medium Voltage (terminal lug, butt connector)		prerounding
	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type
6	---	-	---	-	---	-	184706	6	---	-	---
10	184010	7	184010	7	184310	6	184710	6	---	-	---
16	184016	7.5	184016	7.5	184316	8	184716	8	---	-	---
25	184025	9	184025	9	184325	10	184725	10	184325	10	---
35	184035	11	184035	11	184050	12	184735	12	---	-	---
50	184050	12	184435	13	184070	14	184750	14	184050	12	184550
70	184070	14	184070	14	184095	16	184770	16	184095	16	184570
95	184095	16	184012	18	184012	18	184795	18	184015	20	184595
120	184012	18	184015	20	184015	20	184712	20	---	-	---
150	184015	20	184018	22	184018	22	184715	22	184018	22	184515
185	184018	22	184024	25	184024	25	184718	25	---	-	---
240	184024	25	---	-	184030	28	184724	28	184030	28	184524
300	184030	28	---	-	184424	32	184730	32	---	-	---
400	184040	35	---	-	---	-	184740*	35	184040	35	184540

mm <sup>2</sup>	For copper conductors				For aluminum conductors			
	insulated (terminal lug)		C shunts		uninsulated (bimetallic)		uninsulated DIN 48201 (terminal lug, bimetallic, joint)	
	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID
6	---	-	---	-	---	-	---	-
10	184110	7	184210	7	---	-	---	-
16	184116	7.5	184225	7.5	184450	15	184050	12
25	184125	9	---	-	---	-	---	-
35	184135	11	184235	11	---	-	184435	13
50	184150	12	---	-	184015	20	184450	15
70	184170	14	184270	14	---	-	184015	20
95	184195	16	184295	16	---	-	184495	21
120	184112	18	184212	18	---	-	184018	22
150	184115	20	---	-	184024	25	184024	25
185	184118	22	---	-	---	-	184030	28
240	184124	25	---	-	184424	32	---	-
300	---	-	---	-	---	-	184424	32
400	---	-	---	-	---	-	---	-

\* Dies usable only with 38A130L, 184PL and 284L crimping tools

### KEY TO SYMBOLS

- hexagonal compression
- compression with radial containment

- oval compression
- trapezoidal compression



# SERIE 84

## DIES SERIES 85

### COMPATIBILITY

- 38A062 hydraulic battery powered

**MATERIAL:** steel + heat treatment

**SURFACE TREATMENT:** burnished

**THICKNESS:** 22 mm

mm <sup>2</sup>	For copper conductors										For all	
	uninsulated cl 1, 2, 5 (terminal lug, butt connector)		uninsulated class 6 (terminal lug)		uninsulated DIN 46235, 46234, 46267/1 (terminal lug, butt connector)			uninsulated NFC (terminal lug, butt connector)		uninsulated Medium Voltage (terminal lug, butt connector)		prerounding
	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	ID	Die Type	
6	---	-	---	-	---	-	185706	⬡	---	-	---	
10	185010	7 ⬡	185010	7 ⬡	185310	6 ⬡	185710	⬡	---	-	---	
16	185016	7.5 ⬡	185016	7.5 ⬡	185316	8 ⬡	185716	⬡	---	-	---	
25	185025	9 ⬡	185025	9 ⬡	185325	10 ⬡	185725	⬡	185325	10 ⬡	---	
35	185035	11 ⬡	185035	11 ⬡	185050	12 ⬡	185735	⬡	185050	12 ⬡	---	
50	185050	12 ⬡	185435	13 ⬡	185070	14 ⬡	185750	⬡	---	-	185550	
70	185070	14 ⬡	185070	14 ⬡	185095	16 ⬡	185770	⬡	185095	16 ⬡	185570	
95	185095	16 ⬡	185012	18 ⬡	185012	18 ⬡	185795	⬡	185015	20 ⬡	185595	
120	185012	18 ⬡	185015	20 ⬡	185015	20 ⬡	185712	⬡	---	-	185512	
150	185015	20 ⬡	185018	22 ⬡	185018	22 ⬡	185715	⬡	185018	22 ⬡	185515	
185	185018	22 ⬡	185024	25 ⬡	185024	25 ⬡	185718	⬡	---	-	---	
240	185024	25 ⬡	---	-	185030	28 ⬡	185724	⬡	185030	28 ⬡	---	
300	185030	28 ⬡	---	-	---	-	185730	⬡	---	-	---	

mm <sup>2</sup>	For copper conductors				For aluminum conductors			
	insulated (terminal lug)		C shunts	End-sleeves	uninsulated (bimetallic)		uninsulated DIN 48201 (terminal lug, bimetallic, joint)	
	Die Type	ID	Die Type	Die Type	Die Type	ID	Die Type	ID
6	---	-	---	-	---	-	---	-
10	185110	⬡	185210	⬡	---	-	---	-
16	185116	⬡	---	-	---	-	---	-
25	185125	⬡	185225	⬡	185450	15 ⬡	185050	12 ⬡
35	185135	⬡	185235	⬡	---	-	185435	13 ⬡
50	185150	⬡	185250	⬡	185650	⬡	185450	15 ⬡
70	185170	⬡	---	-	185670	⬡	185015	20 ⬡
95	185195	⬡	---	-	185695	⬡	185495	21 ⬡
120	---	-	---	-	---	-	185018	22 ⬡
150	---	-	---	-	---	-	185024	25 ⬡
185	---	-	---	-	---	-	185030	28 ⬡
240	---	-	---	-	---	-	185024	25 ⬡
300	---	-	---	-	---	-	185424	32 ⬡

### KEY TO SYMBOLS

- ⬡ hexagonal compression
- ⬢ compression with radial containment

- ⬡ oval compression
- ⬢ trapezoidal compression

**CABLE CUTTER · RACHETING UP · UP TO 32 mm**


Entirely made of hardened steel, they come with plastic handles for a secure grip. They can be opened even during the cutting operation and have a locking mechanism for transport.

Code	Description	Cu/Al cable (Ø mm)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
575	cable cutters	32 max	240	100	40	0,7	250x110x50	SC

**CABLE CUTTER · RACHETING UP · UP TO 50 mm**


Entirely made of hardened steel, they come with plastic handles for a secure grip. They can be opened even during the cutting operation and have a locking mechanism for transport.

Code	Description	Cu/Al cable (Ø mm)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
576	cable cutters	50 max	280	110	40	1,1	290x120x50	SC

## PUNCHER - DIAMETER 6 mm



- tool with wide opening that allows for drilling in the corners, even if there are edges
  - cast aluminum body and handle make the device very light
  - regrindable and interchangeable hardened steel punch
- Applications: fastening and joining of cable ducts, drilling for rivets, etc.  
Not suitable for stainless steel.

Code	Description	Diameter (Ø mm)	For steel sheets with max thickness (mm)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
18506	puncher	6	1.2	230	120	25	0,36	265x140x50	SC
18516	spare punch	6							

## PUNCHING TOOL - HYDRAULIC - MANUAL



**FORCE:** 55 kN

**PUNCHER DIES:** T series, Q series and R series

**PUNCH CONNECTION THREAD:** M16 x 1.5

**MAXIMUM PUNCHING DIMENSIONS:** • round punching: 72 mm (48 mm for inox)

- square punching: 68 mm x 68 mm
- rectangular punching: 46 mm x 92 mm

**MAXIMUM PUNCHING THICKNESS:** • iron sheet: max 3 mm

- ASI inox 304 steel sheet: max 2 mm
- aluminum and plastic material: max 5 mm

**HOW TO USE:** • make the hole on the sheet with the drill

- pass the guide pin through the pre-drilled hole
- assembly the die and the punch on both sides of the sheet
- perform the punching

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
185	Hand hydraulic punching press complete with carrying case	360	120	50	2,7	450x300x100	VA
1856	Punching press kit complete with • BM 185 manual hydraulic punching press with carrying case • round punchers Ø 15.5 - Ø 19.5 - Ø 22.5 - Ø 26.5 - Ø 30.5 • guide pin Ø 11	360	120	50	2,7	450x300x100	VA

## PUNCHERS - ROUND (SERIES T)



**COMPATIBILITY:** • BM 185, BM 1856 (manual hydraulic punching tools) for Ø up to 92 mm  
 • BM 200F (punching head for BM 200 manual hydraulic multi-head) for Ø up to 92 mm  
 • BM 265 (punching head for pump)

**MATERIAL:** cemented steel

Code	Puncher Ø (mm)	Suitable for	Pin code to use	Pilot hole (mm)
T1550	15,5	PG 9	301	11.5
T1600	16,2	M 16	301	11.5
T1700	17	G 3/8"	301	11.5
T1950	19,5	PG 11	301	11.5
T2000	20,4	M 20	301	11.5
T2100	21	PG 13.5	301	11.5
T2250	22,5	PG 16	301	11.5
T2400	24	G 5/8"	301	11.5
T2550	25,4	M 25	301	11.5
T2650	26,5	G 3/4"	301	11.5
T2850	28,5	PG 21	301	11.5
T3050	30,5		301	11.5
T3250	32,5	M 32	302	17
T3500	35		302	17
T3850	38,5	PG 29	302	17
T4000	40,5	M 40	302	17
T4200	42		302	17
T4500	45		302	17
T4800	48	PG 36	302	17
T5050	50,5	M 50	302	17
T5400	54	PG 42	302	17
T5550	55,5		302	17
T5700	57		302	17
T6050	60,5	PG 48	302	17
T6200	62		302	17
T6500	65	M 63	302	17
T7050	70,5		302	17
T7200	72		302	17
T7500	75		303	22.5
T8050	80,5		303	22.5
T9100	91		303	22.5
T1050	105		304	28.5
T1150	115		304	28.5
T1200	120		304	28.5
T1300	130		304	28.5
T1400	140		304	28.5
T1530	153		304	28.5

## PINS FOR ROUND PUNCHERS (T SERIES)



**MATERIAL:** cemented steel

**PIN THREAD:** M16 x 1.5

Code	pin Ø (mm)	Pilot hole (mm)
301	11	11.5
302	16	17
303	22	22.5
304	27	28.5



## PUNCHERS - SQUARE (SERIES Q)



**COMPATIBILITY:** • BM 185, BM 1856 (manual hydraulic punching tools) for side up to 68 mm  
 • BM 200F (punching head for BM 200 manual hydraulic multi-head) for side up to 68 mm  
 • BM 265 (punching head for pump)

**MATERIAL:** cemented steel

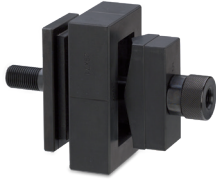
Code	Side (mm)	Pin code to use	Pilot hole (mm)
Q20	20	310	17
Q24	24	310	17
Q30	30	311	19.5
Q40	40	312	19.5
Q46	46	312	19.5
Q50	50	313	28.5
Q57	57	313	28.5
Q68	68	313	28.5
Q92	92	313	28.5

## PINS FOR SQUARE PUNCHERS (Q SERIES)



**MATERIAL:** cemented steel  
**PIN THREAD:** M16 x 1.5

Code	pin Ø (mm)	Pilot hole (mm)
310	8	17
311	12	19.5
312	14	19.5
313	20	28.5
314	22	28.5

**PUNCHERS · RECTANGULAR (SERIES R)**


**COMPATIBILITY:** • BM 185, BM 1856 (manual hydraulic punching tools) up to 46 x 72 mm  
 • BM 200F (punching head for BM 200 manual hydraulic multi-head) up to 46 x 72 mm  
 • BM 265 (punching head for pump)

**MATERIAL:** cemented steel

Code	Side (mm)	Pin code to use	Pilot hole (mm)
R2036	20x36	321	19.5
R2226	22x26	320	17
R2230	22x30	321	19.5
R2236	22x36	321	19.5
R2242	22x42	321	19.5
R2249	22x49	321	19.5
R2345	23x45	321	19.5
R2445	24x45	321	19.5
R2658	26x58	322	19.5
R2951	29x51	322	19.5
R2971	29x71	322	19.5
R3046	30x46	322	19.5
R3251	32x51	322	19.5
R3276	32x76	323	28.5
R3646	36x46	322	19.5
R3752	37x52	322	19.5
R3757	37x57	322	19.5
R3797	37x97	323	28.5
R3865	38x65	322	19.5
R4011	40x115	323	28.5
R4672	46x72	323	28.5

**PINS FOR RECTANGULAR PUNCHERS (R SERIES)**


**MATERIAL:** cemented steel

**PIN THREAD:** M16 x 1.5

Code	pin Ø (mm)	Pilot hole (mm)
320	8	17
321	12	19.5
322	14	19.5
323	20	28.5
324	22	28.5

## CRIMPING TOOL - PNEUMATIC



**OPERATING PRESSURE:** 5-6 bar  
**OUTPUT FORCE:** 1.3 kN at 5 bar

Pneumatic crimping tool with foot control complete with 534D die.  
 Crimping tool particularly suitable when a high degree of productivity in crimping is required. The dies are easy to change and work at a pressure of 6 bar. With foot control.

Code	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
1661	225	135	90	2,7	350x250x300	SC

## SERIE5

## DIES - SERIES 5 - FOR BM 1661



Code	Compatible positioner	Terminal type	Section (mm <sup>2</sup> )	Section (AWG/MCM)
534D		dies for insulated terminals	0.5 ÷ 6	(20-10)
535D		die for uninsulated copper terminals	0.5 ÷ 10	(20-8)
531D	16187, 16250	die for uninsulated open barrel brass terminals	0.5 ÷ 6	(20-10)
16187		positioner for die 531D - tab size 4,8 mm		
16250		positioner for die 531D - tab size 6,3 mm		
532D		die for quick-connect female flag insulated terminals	0.5 ÷ 2.5	(20-14)
537D		die for end-sleeve terminals	0.5 ÷ 4	(20-12)
539D		die for end-sleeve terminals	6 ÷ 16	(10-6)
500D		die for cable cutter		
543D		die for coaxial connectors RG 58-59		

## SERIE5

## HYDRAULIC FOOT-PUMP



**PRESSURE:**max 700 bar

**COMPATIBILITY:** usable heads  
 • 283, 284, 286, 270 (crimping)  
 • 287, 288, 289 (cutting)  
 • 265, 267, 263 (drilling)

**DRIVE:** foot-pump

- high pressure flexible tube with quick coupling female connector with automatic locking
- two working speeds to have two piston advancement speeds, one for quick approach the other for operation
- automatic end-of-work release device to guarantee punching quality
- release device activated by a button to open the tool at the end of operation and in case of a wrong maneuver

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
1600	Hydraulic foot-pump	460	130	400	13	500x150x250	SC

## PNEUMATIC HYDRAULIC PUMP



**PRESSURE:**max 700 bar

**COMPATIBILITY:** usable heads  
 • 283, 284, 286, 270 (crimping)  
 • 287, 288, 289 (cutting)  
 • 265, 267, 263 (drilling)

**DRIVE:** foot control

- high pressure flexible tube with quick coupling female connector with automatic locking
- automatic end-of-work release device to guarantee punching quality
- release device activated by a button to open the tool at the end of operation and in case of a wrong maneuver
- for operation it must be connected to an air compressed source of 6-10 bar

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
162	Pneumatic hydraulic pump	300	160	200	4	400x160x350	SC

## CRIMPING HEADSTOCK · FOR PUMPS · UP TO 400 mm<sup>2</sup> (SERIES 84)



**CRIMPING FORCE AT DIE LEVEL:** 120 kN

**DIES:** 84 series

**FIELD OF USE:** terminals

- uninsulated from 10 to 400 mm<sup>2</sup> (300 mm<sup>2</sup> for DIN)
- uninsulated class 6 from 10 to 185 mm<sup>2</sup>
- medium voltage from 25 to 400 mm<sup>2</sup>
- aluminum from 16 to 240 mm<sup>2</sup>
- bimetallic from 16 to 300 mm<sup>2</sup>
- bimetallic DIN from 16 to 300 mm<sup>2</sup>
- insulated from 10 to 240 mm<sup>2</sup>
- C shunt from 10 to 150 mm<sup>2</sup>
- end-sleeve from 50 to 150 mm<sup>2</sup>

- “C” opening for easy joint crimping (the maximum conductor section depends on cable insulation thickness)
- bigger “C” opening in 284L version to crimp big section joints
- with male quick coupling fitting with automatic locking
- for operation it must be combined a pump with an operating pressure of 700 bar

Code	Description	Max “C” opening (mm)	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
284	120 kN crimping head for pump	30	245	115	68	4	440x270x130	VA
284L	120 kN crimping head for pump	42	250	130	70	5,3	440x270x130	VA

## SERIE84

## PUNCHING HEADSTOCK · FOR PUMPS



**FORCE:** 160 kN

**PUNCHER DIES:** T series, Q series and R series

**PUNCH CONNECTION THREAD:** M16

**MAXIMUM PUNCHING THICKNESS:** • iron sheet (max 3 mm)  
• steel sheet (max 1.5 mm)

- HOW TO USE:**
- insert the head into a pump multi-head tool
  - make the hole on the sheet with the drill
  - pass the guide pin through the pre-drilled hole
  - assembly the die and the punch on both sides of the sheet
  - perform the punching

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
265	Hydraulic punching head for pump	210	80	80	3	250x140x100	SC

### SCISSORS · X-PRO EVO



- innovative design with lines and volumes that ensure excellent ergonomics.
- thanks to the special open loop shape of the lower level it fits into hands of different sizes
- body in bi-component material that alternates soft touch material with a non-slip surface for a comfortable and safe grip, which allows cutting with less effort
- sturdy handle, the steel blades run along its entire length
- the spring opening system allows the scissors to be opened effortlessly for effective stripping and cutting of the cables. The blade locking device is released with a single gesture
- antiskid micro-serrated blades
- blades with variable geometry profiles enables you to cut and strip copper and aluminium cables up to 50 mm<sup>2</sup>

**HANDLE MATERIAL:** bi-component plastic material

**BLADE MATERIAL:** stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1330	√	160	125	1/12



### SCISSORS · X-PRO



- body in bi-component material that alternates soft touch material with a non-slip surface for a comfortable and safe grip, which allows cutting with less effort
- the spring opening system allows the scissors to be opened effortlessly for effective stripping and cutting of the cables. The blade locking device is released with a single gesture
- antiskid micro-serrated blades

**HANDLE MATERIAL:** bi-component plastic material

**BLADE MATERIAL:** stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1325	√	153	98	1/12



### SCISSORS · MAXI GRIP



- innovative design with flat top eyelet that guarantees a greater cutting lever
- antiskid micro-serrated blades
- measuring notches in cm on the handle

**HANDLE MATERIAL:** bi-component plastic material

**BLADE MATERIAL:** 57-60 HRC hardened stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1310		151	75	1/12
1311	√	151	111	1/20

### SCISSORS · HEAVY DUTY



- robust design
- antiskid micro-serrated blades
- anti loosening pin
- wire-stripping nick

**HANDLE MATERIAL:** bi-component plastic material

**BLADE MATERIAL:** 57-60 HRC hardened stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1320		145	80	1/12
1321	√	145	116	1/20

### AUTOMATIC WIRE STRIPPER



- automatic stripping without adjustment of the sections
- integrated cable cutter for cables up to Ø 2 mm
- stripping length adjustable from 5 to 12 mm

**BODY MATERIAL:** in shockproof plastic

Code	Flexible conductor section (mm <sup>2</sup> )	Rigid conductor section (mm <sup>2</sup> )	Weight (g)	
1370	0,2 - 6	0,2 - 6	105	1/6

### AUTOMATIC WIRE STRIPPER



- automatic stripping without adjustment of the sections
- integrated cable cutter for cables up to Ø 3 mm
- suitable for flat cables (0.75 - 1.5 mm<sup>2</sup>)

**BODY MATERIAL:** in shockproof plastic

Code	Flexible conductor section (mm <sup>2</sup> )	Rigid conductor section (mm <sup>2</sup> )	Weight (g)	
1371	0,5 - 16	0,5 - 10	205	1/6

**ELECTRICIAN'S SCISSORS WITH GRADUATED MILLING PROFILES 1128FXS**


Straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals.

- Profile mill: designed to enlarge holes on plastic, from 13 to 21 mm
- Bimaterial handles
- Anti-loose pin
- Articulated belt hook case

Code	L (mm)	L1 (mm)	⚡ (mm <sup>2</sup> )	♻️
011280095	145	52	50	5

**DOUBLE-ACTING ELECTRICIANS' SCISSORS 1128BAX**


With milling profile in DLC-coated stainless steel

**Double-acting cutting:** a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

**Milling profile:** designed to enlarge holes on plastic, from 13 mm to 25 mm.

**DLC coating:** DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

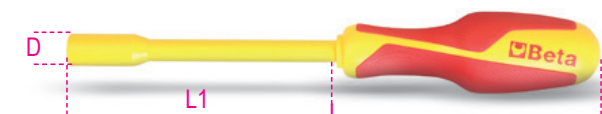
- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves

Code	L (mm)	L1 (mm)	⚡ (mm <sup>2</sup> )	♻️
011280088	150	50	50	5

**SET OF 4 SLIM SCREWDRIVERS 1273MQF/D4**

**HEXAGON NUT SPINNERS 943MQ**

With handles



EN 60900



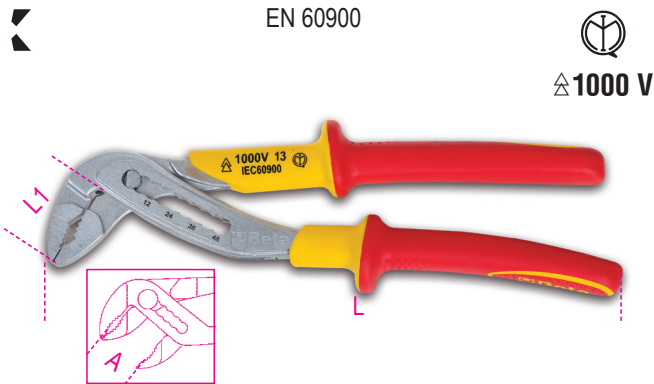
- Interior exhaust hole makes it easier to work on nuts with projecting threaded parts

Code	Art.	Measures (mm)	♻️
012730604	1272MQF	1x4,5x80 - 2x6x100	1
	1274MQF	0,6x3,5x100 - 1x5,5x125	

Code	⚡ (mm <sup>2</sup> )	L (mm)	L1 (mm)	D (mm)	♻️
009430235	5,5	233	125	12,2	1
009430236	6	233	125	12,5	1
009430237	7	240	125	14,3	1
009430238	8	240	125	15,3	1
009430240	10	252	125	17,3	1
009430243	13	252	125	21,3	1



**SLIP JOINT PLIERS, BOXED JOINT, INSULATED 1000V 1048MQ**

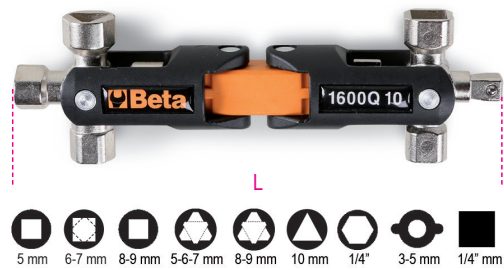


EN 60900



Code	L (mm)	A max (mm)	L1 (mm)	
010480315	250	48	39	1

**EIGHT-WAY WRENCH, WITH ARTICULATED JOINT, FOR CONTROL PANEL OPERATORS 1600Q 10**



- Square 5 / 6-7 / 8-9 mm
- Triangle 5-6-7 / 8-9 / 10 mm
- Alette 3-5 mm
- Hexagon 1/4"
- Male drive 1/4"
- Eight-way wrench, can be rotated to easily select the head to use
- Magnetic articulated joint for increased force
- 1/4" male drive for use of sockets
- Wrench for use for maintenance jobs in countless industries, e.g. electricity, hydraulics, ventilation and gas

Code	L (mm)	
016000010	125	1

**COMBINATION PLIERS, BRIGHT CHROME-PLATED 1150MQ**



EN 60900



Code	L (mm)	L1 (mm)		
011500098	180	39	1,8	1

**COMPACT DIGITAL MULTIMETER 1760S**

IP40



**TRUE RMS (ACTUAL EFFECTIVE VALUE)**



With TRUE RMS actual effective value reading

- Features:**
- IP40 protection
  - Autoranging
  - Large direct reading display, backlit, blue
  - Self-power down
  - Low battery indication
  - Supplied in a soft case
  - CAT III 600V

- Measurable parameters:**
- DC voltage: 200 mV-2/20/200/600V
  - AC voltage: 100/600V
  - DC current: 200 mA-10 A
  - AC current: 0,01-10 A
  - Resistance: 200Ω - 2/20/200 kΩ - 2 MΩ
  - Diode test: 0.4 ÷ 0.7
  - Power supply: 2 1.5V batteries, type AAA

**DIAGONAL CUTTING NIPPERS 1082MQ**



EN 60900



Code	L (mm)	L1 (mm)		
010820096	160	22	1,6	1

Code	Dimensions (mm)	
017600022	153x75x42	1

TOOL CASE BETA EASY



74 TOOLS

Made of sturdy and durable polypropylene with aluminium profiles, reinforced corner, support feet, rigid handle with soft grip for the hand.

**DIMENSIONS:**  
400x300x140 mm



Three large pockets for easily storing your tools



Toolshaped tray to identify the exact position to organize your tools

Integrated thermoformed soft foam tray



Sturdy rubber bands to hold tools

860EA/31

		861LP	0,5x3-0,6x4,5-0,8x5,5-1,0x5,5-1,2x6,5-1,6x8 mm
		861PH	1-2-3
		861PZ	1-2-3
		861PE	2-3-4-5-6-8 mm
		861TX	T8-T9-T10-T15-T20 T25-T27-T30-T40
		861PQ	1-2-3 mm
		882M1	○ 1/4 - ● 1/4



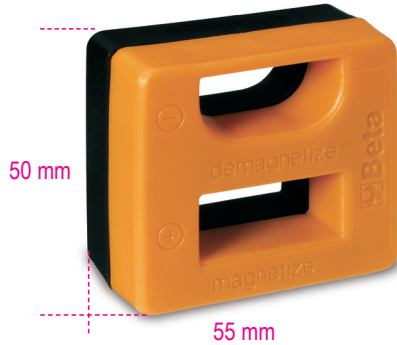
1/4"

	882P/80	○ 1/4 - ● 1/4
	895/1	○ 1/4 - □ 1/4
	C900	○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
	C900/20	50 mm
	C900/20L	100 mm
	C900/25	
	C900/30	150 mm
	C900/42	115 mm
	C900/48	150 mm

	1272MQ/F	2X	PH1X80 PH2X100	
	1274MQ/F	4X	3,5X100 - 4,5X100 5,5X125 6,5X150 mm	
	111		200 mm	
	96	○	1,5-2-2,5-3-4-5-6-8-10 mm	
	1128FXS			
	1150MQ		180 mm	
	1777 BMT		19 mm	
	1253	●	3,5x100 mm	
	1692/3		3 m	
	1695XS		70 mm	

Code	Dimensions (mm)	
020540380	400x300x140	1

### MAGNETIZER/DEMAGNETIZER 1200MS



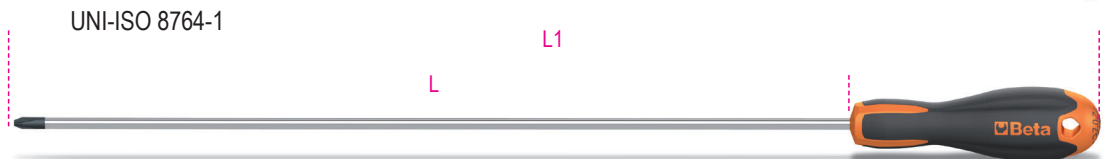
Code	Icon
012000000	5

### SET OF SCREWDRIVERS 1203E/D



Code	Art.	Measures (mm)	Icon
012031006	1202E	PH1x4,5x80-PH2x6x100	1
	1204E	0,4x2,5x60-0,5x3x100 0,8x4x100-1,0x5x125	

### SCREWDRIVERS FOR CROSS HEAD PHILLIPS® SCREWS, LONG SERIES 1202EL



- Bi-material handle for maximum force transmission with minimum effort and optimal comfort
- The ergonomic design fits the palm of the hand perfectly
- The style and size of the tip are printed on the round cap for quick identification
- Beta's tried and tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools
- Chrome-plating free tip for perfect screw coupling, protected from oxidation with phosphate-coating treatment
- The brand-new hole on the handle allows the screwdriver to hang for easy storage

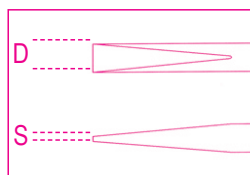


Code	PHxDxL (mm)	L1 (mm)	Icon
012021309	2x6x400	519	3

### SCREWDRIVERS FOR HEADLESS SLOTTED SCREWS, LONG SERIES 1204EL



- Bi-material handle for maximum force transmission with minimum effort and optimal comfort
- The ergonomic design fits the palm of the hand perfectly
- The style and size of the tip are printed on the round cap for quick identification
- Beta's tried and tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools
- Chrome-plating free tip for perfect screw coupling, protected from oxidation with phosphate-coating treatment
- The brand-new hole on the handle allows the screwdriver to hang for easy storage

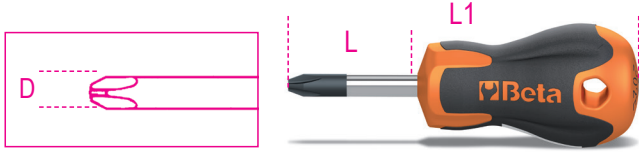


Code	SxDxL (mm)	L1 (mm)	Icon
012041303	0,5x2,5x200	300	3
012041309	0,8x4x400	508	3

## SCREWDRIVERS FOR CROSS HEAD PHILLIPS® SCREWS, EXTRA-SHORT SERIES 1202EN



UNI-ISO 8764



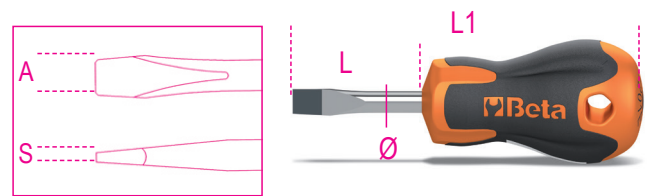
- Bi-material handle for maximum force transmission with minimum effort and optimal comfort
- The ergonomic design fits the palm of the hand perfectly
- The style and size of the tip are printed on the round cap for quick identification
- Beta's tried and tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools
- Chrome-plating free tip for perfect screw coupling, protected from oxidation with phosphate-coating treatment
- The brand-new hole on the handle allows the screwdriver to hang for easy storage

Code	PHxDxL (mm)	L1 (mm)	
012021103	1x4,5x30	86,5	3
012021106	2x6x30	86,5	3

## SCREWDRIVERS FOR SLOTTED HEAD SCREWS, EXTRA-SHORT SERIES 1201EN



ISO 2380



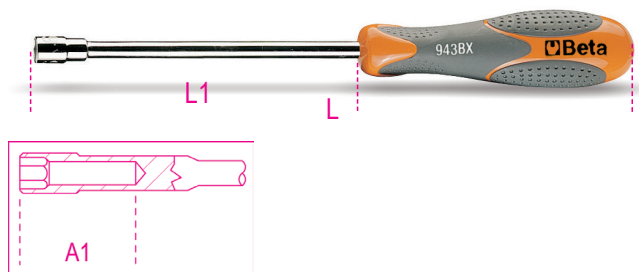
- Bi-material handle for maximum force transmission with minimum effort and optimal comfort
- The ergonomic design fits the palm of the hand perfectly
- The style and size of the tip are printed on the round cap for quick identification
- Beta's tried and tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools
- Chrome-plating free tip for perfect screw coupling, protected from oxidation with phosphate-coating treatment
- The brand-new hole on the handle allows the screwdriver to hang for easy storage

Code	SxAxL (mm)	L1 (mm)	Ø (mm)	
012011103	0,8x4x30	86,5	4	3
012011106	1,2x6,5x30	86,5	6	3

## HI-TORQUE HEXAGON NUT SPINNERS LONG SERIES 943BX



ISO 2236 UNI 6750



The Beta 943BX hexagonal socket wrench is suitable for quick and repetitive screwing. The minimal thickness of the hexagonal sockets allows access in tight spaces and the internal relief hole makes it easy to manoeuvre on nuts with protruding threaded parts. The wrench head is triple-marked for easy identification.

Code	(mm)	L (mm)	L1 (mm)	A1 (mm)	
009430003	4	270	150	13	5
009430004	5	270	150	14	5
009430005	5,5	270	150	12,5	5
009430006	6	270	150	14,5	5
009430007	7	270	150	15,5	5
009430008	8	282	150	18,5	5
009430009	9	282	150	19,5	5
009430010	10	282	150	20,5	3
009430011	11	282	150	21,5	3
009430012	12	282	150	22,5	3
009430013	13	282	150	23,5	3
009430014	14	282	150	24,5	3

## SET OF 8 MICRO-SCREWDRIVERS FOR SLOTTED HEAD SCREWS AND PHILLIPS® SCREWS 1257LPH/S8

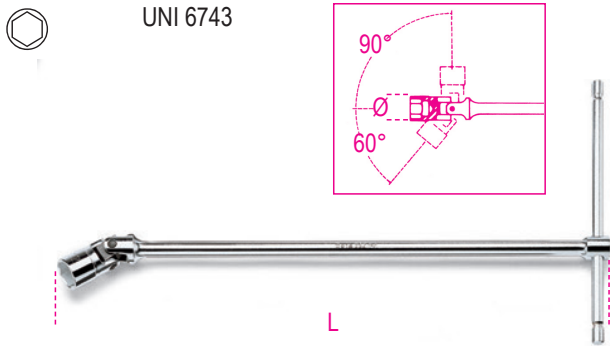


- In hard case
- Each head has a different colour for quick identification

Code	Art.	Measures	
012570210	1257PH	PH00-PH0-PH1	1
	1257LP	0,4x2-0,4x2,5-0,5x3 0,6x3,5-0,8x4 mm	

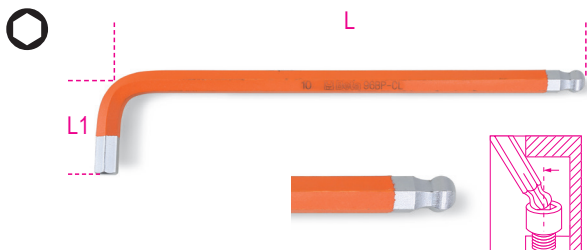


**T-HANDLE WRENCHES WITH SWIVELLING HEXAGON SOCKETS 952**



Code	Ø (mm)	Ø (mm)	L (mm)	Icon
009520008	8	12,1	395	5
009520010	10	14,6	400	5
009520012	12	17	400	5
009520017	17	23,4	450	3

**BALL HEAD OFFSET HEXAGON KEY WRENCHES, CHROME-PLATED, COLOURED 96BP-CL**



Code	Ø (mm)	L (mm)	L1 (mm)	Color	Icon
000961600	1,5	91	16	Yellow	5
000961601	2	102	17	Green	5
000961602	2,5	113	21	Dark Green	5
000961603	3	128	23	Grey	5
000961604	4	143	28	Light Blue	5
000961605	5	163	33	Dark Blue	5
000961606	6	185	37	Purple	5
000961608	8	206	43	Red	2
000961610	10	231	50	Orange	2

**SET OF 9 BALL HEAD OFFSET KEY WRENCHES, COLOURED, 96BP-CL/SC9**



Code	Measures (mm)	Icon
000961619	1,5-2-2,5-3-4-5-6-8-10	1

**SET OF 9 COMBINATION WRENCHES WITH COMPACT SUPPORT 42/SC9I**



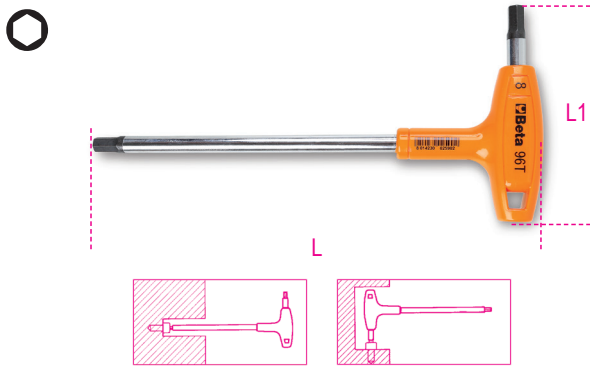
Code	Measures (mm)	Icon
000421087	8-10-11-12-13-14-15-17-19	1

**SET OF 9 REVERSIBLE RATCHETING COMBINATION WRENCHES, WITH COMPACT SUPPORT 142/SC9I-E**



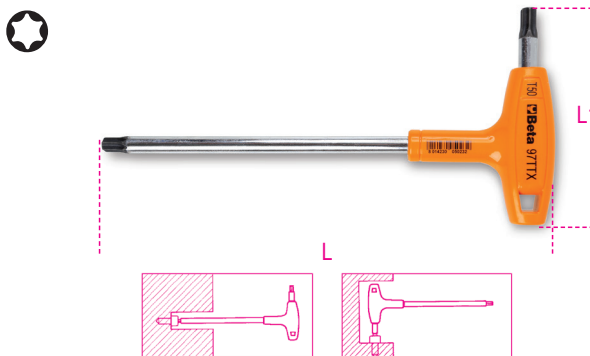
Code	Measures (mm)	Icon
001420087	8-10-11-12-13-14-15-17-19	1

**OFFSET HEXAGON KEY WRENCHES, WITH HIGH TORQUE HANDLES 96T**



Code	Ø (mm)	L (mm)	L1 (mm)	
000960934	2	139	52	5
000960935	2,5	153	55	5
000960936	3	153	55	5
000960937	3,5	179	70	5
000960938	4	179	70	5
000960939	4,5	200	84	5
000960940	5	200	84	5
000960941	6	221	103	5
000960942	7	236	106	3
000960943	8	255	117	3
000960945	10	285	132	3

**OFFSET KEY WRENCHES WITH HANDLES FOR TORX® HEAD SCREWS 97TTX**



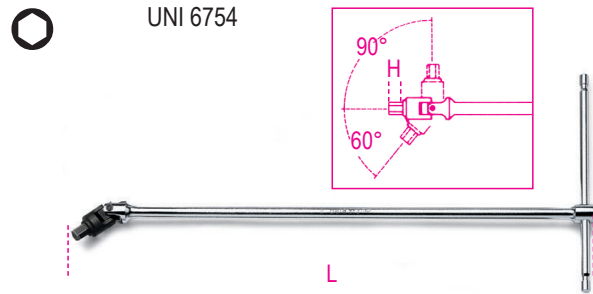
Code	Ø (mm)	L (mm)	L1 (mm)	
000970706	T6	130	52	3
000970707	T7	130	52	3
000970708	T8	139	52	3
000970709	T9	139	52	3
000970710	T10	179	70	3
000970715	T15	179	70	3
000970720	T20	179	70	3
000970725	T25	179	70	3
000970727	T27	200	84	3
000970730	T30	200	84	3
000970740	T40	221	103	3
000970745	T45	236	106	2
000970750	T50	255	117	2

**SET OF 8 BALL HEAD OFFSET KEY WRENCHES, FOR TORX® HEAD SCREWS 97BTX/SC8**



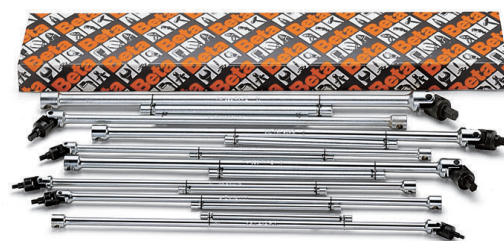
Code	Measures	
000970164	T9-T10-T15-T20-T25-T27-T30-T40	1

**T-HANDLE WRENCHES WITH SWIVELLING HEXAGON MALE ENDS 953**



Code	Ø (mm)	H (mm)	L (mm)	
009530130	3	5	395	5
009530140	4	6	395	5
009530150	5	7	395	5
009530160	6	9	400	5
009530180	8	11	425	5

**SET OF T-HANDLE WRENCHES WITH SWIVELLING HEXAGON MALE ENDS 953/S5**



Code	Measures (mm)	
009530305	3-4-5-6-8	1

SET OF T-HANDLE WRENCHES WITH SWIVELLING END FOR TORX® HEAD SCREWS **953TX/S8**



Code	Measures	
009530060	T20-T25-T27-T30-T40-T45-T50-T55	1

BITS FOR CROSS HEAD PHILLIPS® SCREWS **862PH/L**

- ISO 2351-2
- ISO 1173 E 6,3



Code	PH	L (mm)	
008620230	1	70	5
008620232	2	70	5
008620234	3	70	5

HEXAGON BITS FOR POWER DRIVERS **862PE**

- ISO 2351-3
- ISO 1173 E 6,3



Code	mm	L (mm)	
008620103	3	50	5
008620104	4	50	5
008620105	5	50	5
008620106	6	50	5
008620108	8	50	5

BITS FOR CROSS HEAD PHILLIPS® SCREWS, LONG SERIES **862PH-XL**

- ISO 2351-2
- ISO 1173 E 6,3



Code	PH	L (mm)	
008620250	1	100	5
008620252	2	100	5
008620254	3	100	5

BITS FOR CROSS HEAD PHILLIPS® SCREWS **862PH**

- ISO 2351-2
- ISO 1173 E 6,3



Code	PH	L (mm)	
008620200	1	50	5
008620205	2	50	5
008620210	3	50	5

BITS FOR CROSS HEAD POZIDRIV®-SUPADRIV® SCREWS **862PZ**

- ISO 2351-2
- ISO 1173 E 6,3



Code	PZ	L (mm)	
008620300	1	50	5
008620305	2	50	5
008620310	3	50	5

**MAGNETIC BIT HOLDER 882M**


ISO 1173 E 6,3



Code	L (mm)	Hexagon	•	Ø (mm)	Icon
008820005	75	1/4	1/4	11	5

**MAGNETIC BIT HOLDER 882M1**


ISO 1173 E 6,3



Code	L (mm)	Hexagon	•	Ø (mm)	Icon
008820006	50	1/4	1/4	11	5

**7 MAGNETIC BITS, HEXAGON SOCKETS, IN PLASTIC CASE 862F/A7**


Code	Measures (mm)	Icon
008620950	5,5-6-7-8-10-12-13	1

**SLIP-TORQUE SCREWDRIVER, GRADUATED FOR RIGHT-HAND TIGHTENING TORQUE ACCURACY: ±6% 583**


UNI EN ISO 6789



Code	Nm	gfm	Icon	Weight (g)	Icon
005830015	0,3÷1,5	30÷150	1/4	240	1

Code	Nm	gfm	Icon	Weight (g)	Icon
005830030	0,6÷3	60÷300	1/4	240	1

Code	Nm	gfm	Icon	Weight (g)	Icon
005830060	1,2÷6	120÷600	1/4	350	1



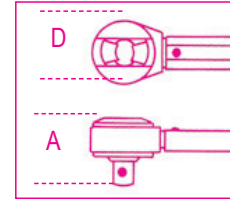
## CLICK-TYPE TORQUE WRENCHES WITH REVERSIBLE RATCHETS, FOR RIGHT-HAND TIGHTENING, TORQUE ACCURACY: $\pm 3\%$ 666N



UNI EN ISO 6789



- Scale increased by 60% for improved visibility and setting accuracy
- Torque adjusting speed increased by 40%
- Handle and lens materials resistant to all chemical substances used in automotive sector, industry and aviation
- Red colour of o-ring indicates that wrench is unlocked and torque can be adjusted
- When not in use, set torque to lowest value of torque wrench range



Code	Nm	Kgfm	lbf.ft	■	D (mm)	A (mm)	L (mm)	⚖ (g)	📦
006660002	5÷25	0,5÷2,5	4÷18	1/4	25	29	220	300	1
006660003	5÷25	0,5÷2,5	4÷18	3/8	25	29	220	300	1
006660005	10÷50	1÷5	7÷37	3/8	30	33	325	660	1
006660010	20÷100	2÷10	15÷75	3/8	30	33	367	730	1
006660011	20÷100	2÷10	15÷75	1/2	30	37	367	800	1
006660020	40÷200	4÷20	30÷150	1/2	40	43	465	1010	1
006660030	60÷300	6÷30	50÷220	1/2	40	43	581	1380	1

## HEXAGON HAND SOCKETS 900



UNI/ISO 2725 DIN 3124



Code	📦 (mm)	Ø (mm)	L (mm)	Ø1 (mm)	📦
009000032	3,2	6,6	25	11,8	10
009000040	4	6,8	25	11,8	10
009000045	4,5	7,4	25	11,8	10
009000050	5	8	25	11,8	10
009000055	5,5	8,7	25	11,8	10
009000060	6	9,3	25	11,8	10
009000070	7	10,4	25	11,8	10
009000080	8	11,8	25	12,7	10
009000090	9	12,7	25	11,8	10
009000100	10	14,2	25	12	10
009000110	11	15,8	25	12,5	10
009000120	12	17,2	25	13,5	10
009000130	13	18	25	13,5	10
009000140	14	20	25	15	10

## HEXAGON HAND SOCKETS 910A



UNI/ISO 2725 DIN 3124



Code	📦 (mm)	Ø (mm)	L (mm)	Ø1 (mm)	📦
009100006	6	9,5	28	16,7	5
009100007	7	10,7	28	16,7	5
009100008	8	12,1	28	16,7	5
009100009	9	13,2	28	16,7	5
009100010	10	14,6	29	16,7	5
009100011	11	15,8	29	16,7	5
009100012	12	17,2	30	17,7	5
009100013	13	18,4	31	17	5
009100014	14	19,7	32	17,5	5
009100015	15	20,9	32	18	5
009100016	16	22,2	33	18,5	5
009100017	17	23,2	33	19	5
009100018	18	24,7	34	20	5
009100019	19	25,8	35	21	5
009100020	20	27,2	35	22	5
009100021	21	28,2	36	23	5
009100022	22	29,7	37	24	5

**HEXAGON HAND SOCKETS 920A**


UNI/ISO 2725 DIN 3124



Code	Ø (mm)	Ø (mm)	L (mm)	Ø1 (mm)	Icon
009200008	8	12,4	38	21,7	10
009200009	9	13,5	38	21,7	10
009200010	10	14,9	38	21,7	10
009200011	11	16,1	38	21,7	10
009200012	12	17,5	38	21,7	10
009200013	13	18,7	38	21,7	10
009200014	14	20,1	38	21,7	10
009200015	15	21,5	38	22,5	10
009200016	16	22,7	38	23,7	10
009200017	17	24,1	38	23,1	10
009200018	18	25,3	39	24	10
009200019	19	26,6	39	24	10
009200020	20	27,8	40	25	5
009200021	21	28,8	40	25	5
009200022	22	29,9	41	26	5
009200023	23	30,8	42	26	5
009200024	24	32,2	43	27	5
009200025	25	33,2	44	27	5
009200026	26	34,7	45	28	5
009200027	27	36,2	46	29	5
009200028	28	37,2	47	30	5
009200029	29	38,6	48	31	5
009200030	30	40,2	48	32	5
009200032	32	42,3	49	34	5

**ASSORTMENT OF 11 HEXAGON SOCKETS, 21 BITS AND 7 ACCESSORIES 900/C39N**


- Compact, easy to carry
- Complete, everything that is needed at hand
- Functional, bits are easy to take out and put in

	861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
	861PH	PH1-PH2-PH3
	861PZ	PZ1-PZ2-PZ3
	861PE	2,5-3-4-5-6 mm
	861RTX	T10-T15-T20-T25-T27-T30-T40
	900	5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/20	50 mm
	900/20L	100 mm
	900/25	
	900BG/30C	128 mm
	892/0	
	895/1	
	900/55Z	126 mm

Code	Icon
009000947	1

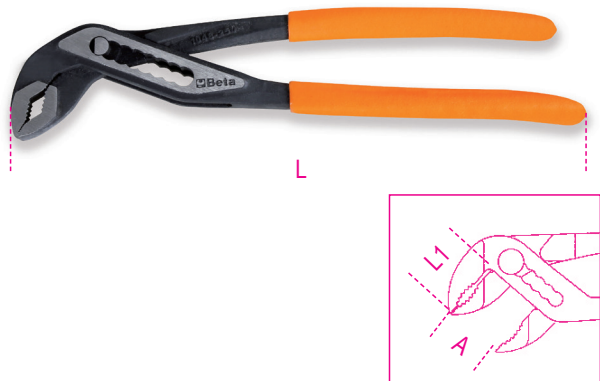
**12 SOCKETS AND 5 ACCESSORIES 920A/C12X**


	920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

Code	Dimensions (mm)	(kg)	Icon
009200933	420x185x60	4,2	1

**SLIP JOINT PLIERS, SLIP-PROOF PVC COATED HANDLES 1048N 250**

ISO 8976



Code	L (mm)	A max (mm)	L1 (mm)	
010480915	250	46	38	5

**COMBINATION PLIERS BRIGHT CHROME-PLATED, BI-MATERIAL HANDLES 1150BM**

ISO 5746



Code	L (mm)	L1 (mm)		
011500148	180	46	1,8	3

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.

**EXTRA-LONG NEEDLE KNURLED NOSE PLIERS, CHROME-PLATED, BI-MATERIAL HANDLES 1166BM**

ISO 5745



Code	L (mm)	L1 (mm)		
011660036	160	56	1,6	3

**EXTRA-LONG BENT NEEDLE KNURLED NOSE PLIERS, CHROME-PLATED, BI-MATERIAL HANDLES 1168BM**

ISO 5745



Code	L (mm)	L1 (mm)		
011680036	160	54	1,6	3

**DIAGONAL CUTTING NIPPERS, BI-MATERIAL HANDLES 1082BM**

UNI/ISO 5749



Code	L (mm)	L1 (mm)		
010820036	160	22	1,6	3

**MECHANIC'S HAMMERS FIBRE SHAFT 1370T**


Code	(g)	A (mm)	L (mm)	L1 (mm)	
013700630	300	23	300	105	5

**SOFT FACE HAMMERS, WOODEN SHAFTS 1390**

UNI 7784



Code	Ø (mm)	L (mm)	L1 (mm)	
013900022	22	260	70	5
013900028	28	280	85	5
013900035	35	310	95	5
013900045	45	320	107	4
013900060	60	380	128	2

**AUTOMATIC CENTRE PUNCHES 32AU**


- Strength of impact can be adjusted through knurled part, up to 50 kg
- Centre punching operations can be performed with one hand

Code	Ø (mm)	L (mm)	L1 (mm)	
000320160	3	150	23	2

**SET OF 5 SECOND-CUT FILES, WITH HANDLES, IN WALLET 1719BMA8/B5**


Code	L (mm)	L (")	
017190297	200	8	1

**ENGINEER'S SCRIBER MADE FROM HARDENED STEEL 1688**


Code	L (mm)	Ø (mm)	
016880020	250	2	5

**SET OF TWIST DRILLS WITH CYLINDRICAL SHANKS  
412/SP25**

In case

DIN 338 ISO 235

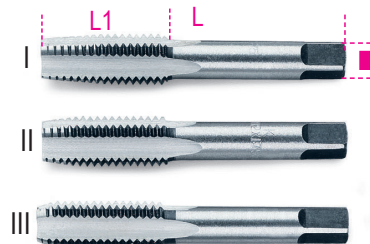
$R \leq 800 \text{ N/mm}^2$   
 $HV \sim 750-820$



Code	Ø (mm)	Icon
004120425	1÷13 x 0,5	1

**HAND TAPS, COARSE PITCH, METRIC THREAD  
MADE FROM CHROME-STEEL 430**

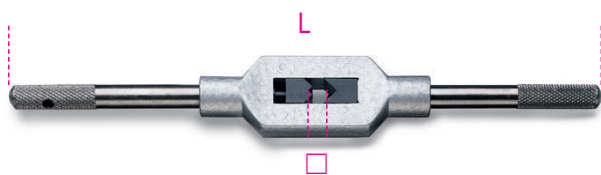
DIN 352 UNI 4535



Code	M	■ (mm)	L (mm)	L1 (mm)	Icon
004300002	2x0,4	2,5	36	11	5
004300003	3x0,5	2,5	40	12	5
004300004	4x0,7	3	45	14	5
004300005	5x0,8	4	48	16	5
004300006	6x1	5	50	18	5
004300007	7x1	4,5	50	18	5
004300008	8x1,25	5	56	22	3
004300009	9x1,25	5,5	63	22	3
004300010	10x1,5	6	70	25	3
004300011	11x1,5	7	70	25	3
004300012	12x1,75	7	75	30	3
004300014	14x2	8	80	32	3
004300016	16x2	10	80	32	3
004300018	18x2,5	11	95	40	1
004300020	20x2,5	12	95	40	1
004300022	22x2,5	14,5	100	40	1
004300024	24x3	14,5	110	50	1

**ADJUSTABLE TAP WRENCHES, LIGHT ALLOY BODY  
435G**

DIN 1814



Code	□ (mm)	L (mm)	Icon
004350108	2÷5 M1÷M8	130	5
004350110	2÷6 M1÷M10	190	5
004350112	2÷7 M2÷M12	175	5
004350114	3,4÷7 M4÷M12	280	5
004350121	4,9÷12 M5÷M20	380	2
004350127	7÷16 M11÷M27	500	2
004350132	7÷18 M13÷M32	700	1
004350142	11÷24 M18÷M42	800	1

**SET OF HAND TAPS 430/SP21**

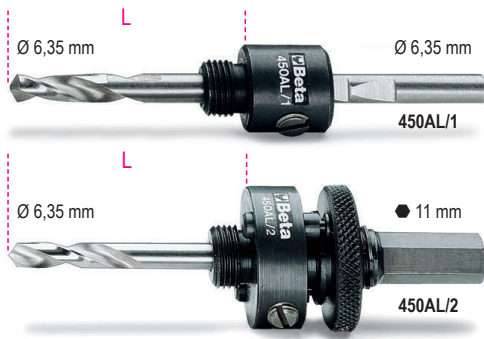
In case



Code	M	Icon
004300201	3-4-5-6-8-10-12	1

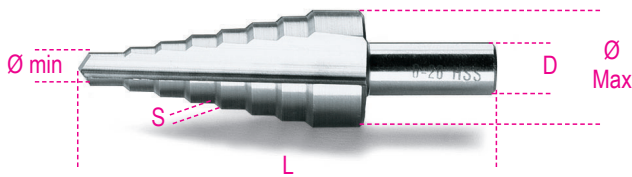


### ARBORS FOR HOLESAWS 450AL



Code	Ø (mm)	L (mm)	
004500210	16÷30	54	1
004500215	32÷152	70	1

### STEPPED DRILLS, HSS 425

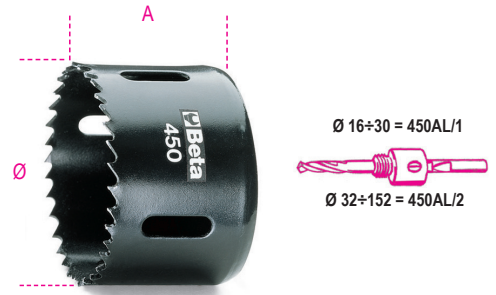


• For working sheet metal

Code	L (mm)	Ø (mm)	S (mm)	D (mm)	
004250010	70	4÷12	1	6	2
004250012	55	4÷12	2	6	2
004250015	85	4÷20	2	10	2
004250016	85	12÷20	1	10	1
004250017	97	20÷30	1	10	1
004250020	75	4÷30	2	10	1
004250025	97	30÷40	1	13	1
004250029	100	40÷50	1	13	1

### HOLESAWS HSS, BIMETAL 450

HSS-Co 8%



Code	Ø (mm)	Ø (")	A (mm)	
004500016	16	(5/8)	57	1
004500017	17	(11/16)	57	1
004500019	19	(3/4)	51	1
004500020	20	-	51	1
004500021	21	(13/16)	51	1
004500022	22	(7/8)	51	1
004500024	24	(15/16)	51	1
004500025	25	(1")	51	1
004500027	27	(1 1/16)	51	1
004500029	29	(1 1/8)	51	1
004500030	30	(1 3/16)	51	1
004500032	32	(1 1/4)	51	1
004500033	33	(1 5/16)	51	1
004500035	35	(1 3/8)	51	1
004500037	37	(1 7/16)	51	1
004500038	38	(1 1/2)	44	1
004500040	40	(1 9/16)	44	1
004500041	41	(1 5/8)	44	1
004500043	43	(1 11/16)	44	1
004500044	44	(1 3/4)	44	1
004500046	46	(1 13/16)	44	1
004500048	48	(1 7/8)	44	1
004500051	51	(2")	44	1
004500052	52	(2 1/16)	44	1
004500054	54	(2 1/8)	44	1
004500057	57	(2 1/4)	44	1
004500059	59	(2 5/16)	44	1
004500060	60	(2 3/8)	44	1
004500064	64	(2 1/2)	44	1
004500065	65	(2 9/16)	44	1
004500067	67	(2 5/8)	44	1
004500068	68	-	44	1
004500070	70	(2 3/4)	44	1
004500073	73	(2 7/8)	44	1
004500076	76	(3")	44	1
004500079	79	(3 1/8)	44	1
004500083	83	(3 1/4)	44	1
004500086	86	(3 3/8)	44	1
004500089	89	(3 1/2)	44	1
004500092	92	(3 5/8)	44	1
004500095	95	(3 3/4)	44	1
004500098	98	(3 7/8)	44	1
004500102	102	(4")	44	1
004500105	105	(4 1/8)	44	1
004500108	108	(4 1/4)	44	1
004500111	111	(4 3/8)	44	1
004500114	114	(4 1/2)	44	1
004500121	121	(4 3/4)	44	1
004500127	127	(5")	44	1
004500140	140	(5 1/2)	44	1
004500152	152	(6")	44	1

MEASURING TAPES 1692

CE

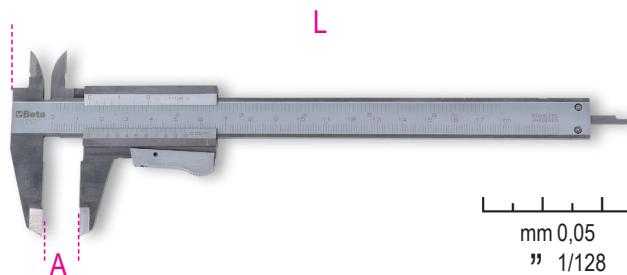


- Shock-resistant bi-material ABS casings
- Steel tapes
- Precision class II

Code	L (mm)	S (mm)	
016920052	2	16	5
016920053	3	16	5
016920055	5	19	5
016920058	8	25	5

SLIDING GAUGE MADE FROM HARDENED STAINLESS STEEL IN LEATHER SHEATH 1650

UNI EN ISO 13385-1DIN 862



- Reading to 0.05 mm
- Spring locking

Code	A max (mm)	L (mm)	
016500001	150	235	1
016500002	200	290	1

PRECISION SQUARES MADE FROM STAINLESS STEEL GROUND AND LAPPED 1666

DIN 875/0



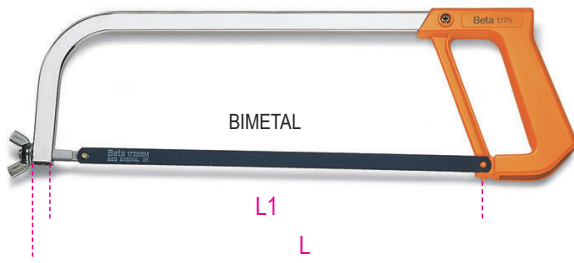
Code	L (mm)	L1 (mm)	
016660215	150	100	1

FLANGED PRECISION SQUARES MADE FROM STAINLESS STEEL GROUND AND LAPPED 1666A

DIN 875/0



Code	L (mm)	L1 (mm)	
016660115	150	100	1

**HACKSAW FRAME 1725**


Code	L (mm)	L1 (mm)	
017250001	420	300	4

**RIVETING PLIERS SUPPLIED WITH 4 INTERCHANGEABLE NOZZLES 1741B**


Ø mm	2.4	3.2	4	4.8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

- Light alloy frame
- With wrench

Code	
017410000	1

**AIR RIVETER 1946T**

CE



Traction power	9.000 N
Stroke length	16 mm
Maximum rivet capacity	Stainless steel Ø 4.8 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Air consumption	2.0 l/cycle
Weight	1,7 kg

- Supplied with interchangeable nozzles, for steel, stainless steel, aluminium and copper rivets, 2.4 - 3.2 - 4.0 - 4.8 mm long
- Fitted with a rivet size identification system on bottom, and rod tank

Code	 (kg)	
019460021	1,7	1

**UTILITY KNIFE, 18 mm 1771**


- Supplied with 3 blades
- Nonreturn safety slider

Code	
017710000	10



## RECHARGEABLE, MAGNETIC, ARTICULATED LAMP 1837F/USB

with high-brightness LEDs, made of sturdy anodized aluminium, up to 600 lumens



- Adjustable focus
- 2 brightness settings
- Battery life: 10.0 h
- USB-C charging
- IP66

Code	L (mm)	
018370060	460	1

## CUTTING OIL 9738 - CUTTING OIL

Highly lubricating and protective. Suitable for milling, boring, threading, drilling and manual and automatic machine working. Highly resistant to oxidation. Water washable. Solvent-free.



Code	Content (ml)	
097380040	400	12

## DUAL RATING SOLDERING IRON WITH STEEL TIPS 1824R8 1808

CE



Code	W (mm)	V (mm)	
018080001	20/130	230	1

## GAS SOLDERING IRON, ADJUSTABLE 1827

CE



Code	
018270001	1

## CLEAR ZINC 9752 - ZINC 98%

Highly covering, it is ideal for galvanizing iron parts. Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing. Particularly resistant to oxidation, abrasion and weather. Can be overpainted. Does not drip.



Code	Content (ml)	
097520040	400	12

## NEW WORKTOP

- + FIRMER AND STURDIER
- + MORE CONVENIENT AND FUNCTIONAL
- + MORE MODERN

- Drawers with ball bearing slides
- Drawer bases protected by foamed rubber mats or ABS thermoformed trays
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- New ABS reinforced worktop, designed to support tool chests RSC22, RSC23, RSC23C and RSC23T
- Multi-purpose top with anti-fall edges and eight holes for accommodating screwdrivers
- Front centralized safety lock
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 800 kg



### Available models:

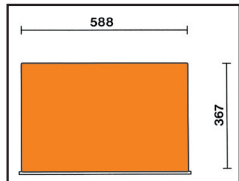
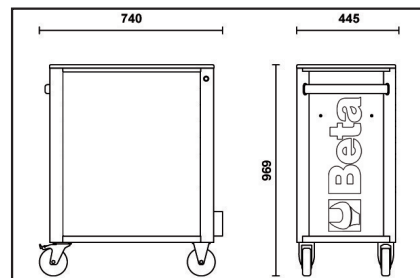
- RSC24/5 (5 drawers)
- RSC24/6 (6 drawers)
- RSC24/7 (7 drawers)
- RSC24/8 (8 drawers)

### Available accessories:



### Available colours:

RSC24-		h
FO	RAL 2011	RAL 2011
O	RAL 7016	RAL 2011
G	RAL 7016	RAL 9006
R	RAL 7016	RAL 3000
B	RAL 7016	RAL 5015
A	RAL 7016	RAL 7016
N	RAL 9005	RAL 9005



## MOBILE ROLLER CAB WITH 7 DRAWERS RSC24/7

### Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high

63 kg

Code	Mobile roller cab	
024004070	RSC24/7-FO	1
024004071	RSC24/7-O	1
024004072	RSC24/7-G	1
024004073	RSC24/7-R	1
024004076	RSC24/7-B	1
024004077	RSC24/7-A	1
024004079	RSC24/7-N	1



h	
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

**EVA FOAM TRAY WITH 1000V INSULATED TOOLS FOR ELECTROTECHNICAL MAINTENANCE M222**

7



- ⊕ 1272MQ PH0x60 mm
- ⊕ 1272MQF PH1x80 - PH2x100 mm
- 1274MQF 3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm



540 g



Code	Assortment	
024500222	M222	1

**SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M135**

3



- ⌘ 1082MQ 160 mm
- ≡ 1150MQ 180 mm
- 1166MQ 160 mm



750 g



Code	Assortment	
024500135	M135	1

**FOAM TRAY FOR ELECTROTECHNICAL MAINTENANCE, INSULATED TOOLS, 1000V M161**

15



- 1128MQ
- 1048MQ 250 mm
- ⌘ 1082MQ 160 mm
- ≡ 1150MQ 180 mm
- ≡ 1162MQ 160 mm
- ≡ 1164MQ 160 mm
- ⊕ 1272MQ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1777MQ/U



3 kg



Code	Assortment	
024500161	M161	1

**FOAM TRAY WITH COMBINATION WRENCHES M05**

16



- 42
- 6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1,5 kg



Code	Assortment	
024500005	M05	1

**SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M33**

17



- 55
- 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm
- 96/SC9 1,5+10 mm

1,1 kg



Code	Assortment	
024500033	M33	1

**SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M52**

5



- 96T 2,5-3-4-5-6 mm

330 g



Code	Assortment	
024500052	M52	1

**SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M60**

23



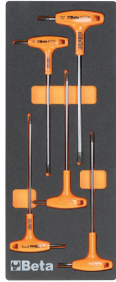
- 96T 2-2,5-3-4-5-6-7-8-10 mm
- ⊕ 97BTX/SC8 T9-T10-T15-T20-T25-T27-T30-T40
- 944BX 5-6-7-8-10-13 mm

1,9 kg



Code	Assortment	
024500060	M60	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT **M55**



97TTX T10-T15-T20-T25-T30



330 g



Code	Assortment	
024500055	M55	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT **M85**



- 851SR 230 mm
- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 860PH PH0 - PH1 - PH2 - PH3 - PH4
- 860PZ PZ1 - PZ2 - PZ3 - PZ4
- 860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40



- 860RTX T9-T10-T15-T20-T25-T27-T30-T40
- 860/55 100 mm
- 882P 80 mm
- 892 1/4 - □ 1/4

450 g



Code	Assortment	
024500085	M85	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT **M91**



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900ME 2,5-3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25 □ 1/4 - ■ 1/4
- 900BG/30
- 900/42
- 900/55



560 g



Code	Assortment	
024500091	M91	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT **M83**



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25 255 mm
- 920/42 305 mm
- 920/55



3,7 kg



Code	Assortment	
024500083	M83	1

### FOAM TRAY WITH BM PLIERS AND NIPPERS **M136**



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm



750 g



Code	Assortment	
024500136	M136	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT **M153**



- 1048 250 mm
- 1052 240 mm



1 kg



Code	Assortment	
024500153	M153	1



### FOAM TRAY WITH BETA EASY SCREWDRIVERS FOR SLOTTED AND PHILLIPS® HEAD SCREWS M219



- 1202E 3x60 - 4,5x80 - 6x100 mm
- 1204E 3x75 - 4x100 - 5x150 - 6,5x150 mm

590 g



Code	Assortment	
024500219	M219	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M227



- 944BX 6-7-8-10-13 mm

420 g



Code	Assortment	
024500227	M227	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g



Code	Assortment	
024500236	M236	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M237



- 35 100-200 mm
- 1370T 300 mm
- 1390N Ø 35 mm

1,3 kg



Code	Assortment	
024500237	M237	1

### SOFT FOAM TRAY WITH TOOL ASSORTMENT M292



- 111 250 mm
- 1128BMX
- 1692/5 5 m
- 1771 170 mm

500 g



Code	Assortment	
024500292	M292	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M295



- 1650
- 1682 L=300 mm
- 1707
- 1708/20

450 g



Code	Assortment	
024500295	M295	1

### SOFT THERMOFORMED TRAY WITH TOOL ASSORTMENT M285



- 1112 250 mm
- 1128BM
- 1726 440 mm
- 1728BM (5)
- 1753 200 cc

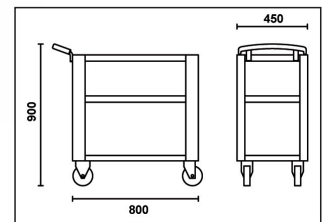
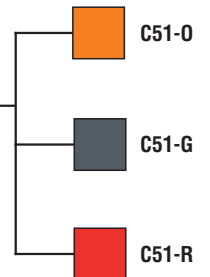
1,5 kg



Code	Assortment	
024500285	M285	1

**TROLLEY C51**
**Features:**

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm:
- 2 fixed and 2 steering (1 with brake)
- Static load capacity: 200 kg (distributed between 3 shelves)



21 kg

Code	Trolley	
051000001	C51 O	1
051000002	C51 G	1
051000003	C51 R	1

**SERVICE TOOL TROLLEY WITH 3 DRAWERS RSC51**
**Main features:**

- ABS reinforced worktop, solid and sturdy
  - Multipurpose top with anti-fall edges and 8 holes for accommodating screwdrivers
  - 3 drawers (588x367 mm) with ball bearing slides, 70 mm high
  - Drawer bases protected by foamed rubber mats
  - Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
  - Front centralized safety lock
  - Convenient side screwdriver holder included
  - Two built-in side spray can holders
  - Large lower shelf protected by an anti-oil and anti-petrol rubber mat
  - 4 castors, Ø 125 mm: 2 fixed castors and 2 swivel castors (one with brake)
- Static load capacity: 400 kg  
• Capacity of each drawer: 15 kg, evenly distributed

**Following accessories can be added:**

- Wood worktop 2400 RSC24/PL
- Perforated tool panel 2400 RSC24/PF
- PC support 2400 RSC24/SPC
- Folding shelf 2400 RSC24/MP
- Paper roll holder 2400 RSC24/PC-A



RSC51-R

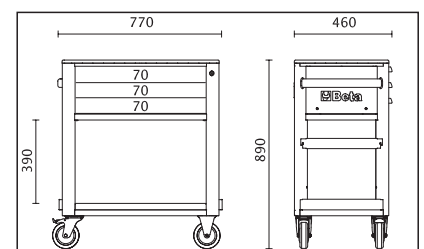
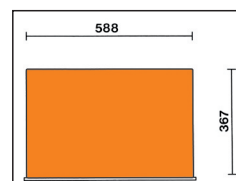


RSC51-A

RSC51-F0

38 kg

Code	Trolley	
051000300	RSC51-F0	1
051000303	RSC51-R	1
051000307	RSC51-A	1



## WORKBENCH WITH WOOD TOP C56W

### Features:

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.



86 kg

Code	Workbench	
056000251	C56W-O	1
056000252	C56W-G	1
056000253	C56W-R	1

## WORKBENCH WITH WOOD TOP C56B

### Features:

- Multiply wood worktop with holes for a vice (1599F/125, to be ordered separately)
- Steel frame with 4 supporting legs
- Static load capacity: 800 kg
- Lower object shelf
- Can be fixed to floor



54,5 kg

Code	Workbench	
056000401	C56B-O	1
056000402	C56B-G	1
056000403	C56B-R	1

### HEAVY DUTY SWIVEL CREEPER SEAT WITH TRAY 2250-0



- Round swivel seat
- Height can be adjusted through a gas piston mechanism (410-530 mm)
- 2 tote/tool trays, one being vertically adjustable
- 5 pivoting castors

Code	
022500011	1

### SEAT WITH CASTORS 2252



Code	
022520002	1

### OFFICE ARMCHAIR, ERGONOMIC 9563U

Ergonomic office chair ensuring a correct posture. Stylish and sporty, for a captivating design.

**Specifications:**

- Ergonomic back with lumbar cushion
- Headrest with head support cushion
- Covered in PU imitation leather, easy to clean
- Thick high-density sponge padding for maximized comfort
- Seat height can be adjusted by a gas lift
- PU castors suitable for hard floors
- Comes with certification
- Maximum weight capacity: 150 kg

**Dimensions:**

- Back height: 97 cm
- Seat dimensions: 50 cm x 53 cm
- Overall chair height: 133-144 cm
- Base: 35 cm (leg length) x 49 cm (height)



Code	
095630020	1



### AUTOMATIC CABLE REEL WITH LED INSPECTION LAMP, 100-240VAC **1842**

CE

IP42  
IP65  
☐



L=15 m

- With 230/12V safety transformer
- H05VV-F 2x1.0 mm<sup>2</sup> cable
- Coiled cable length: 15 m
- 1.5 m incoming cable with SCHUKO type socket
- Length of cable out of drum: 1 m
- Rack mechanism can be disabled to keep cable pulled
- Supplied with a 180° swivel bracket and an additional quick connection bracket

Code		L (m)	
018420821	H05VV-F	15+1	1

### AUTOMATIC CABLE REEL, WITH 3GX1.5 mm<sup>2</sup> CABLE **1844**

CE

IP42  
☐



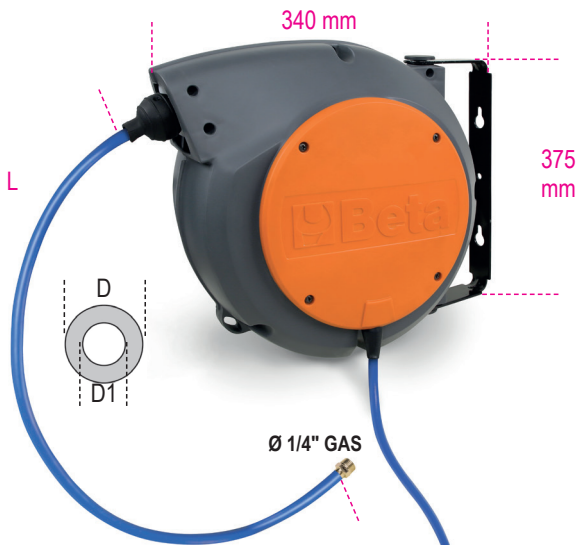
- 3Gx1.5 mm<sup>2</sup> cable
- With thermal protection switch
- Cable length out of drum: 1 m (except for 1844 30-H05, 2 m)
- Supplied without incoming cable
- Rack mechanism can be disabled to keep cable pulled
- Max. power (rolled up): 1500W (230V-20°C)
- Max. power (unrolled): 2500W (230V-20°C)
- Supplied with a 180° swivel bracket and an additional quick connection bracket

Code	Art.		L (m)	
018440310	1844 10-H05	H05VV-F	10+1	1
018440315	1844 15-H05	H05VV-F	15+1	1
018440317	1844 15-H07	H07RN-F	14+1	1
018440330	1844 30-H05	H05VV-F	30+2	1

### AUTOMATIC HOSE REEL **1900S**

shockproof plastic body, for air or water

CE



- Max. operating pressure: 15 bar
- Braided polyurethane hose
- Polypropylene frame
- Device for automatically fixing hose at required length
- Rack mechanism can be disabled to keep hose pulled
- Operating temperature range: -5 °C / +50 °C
- Supplied with a 180° swivel bracket and an additional quick connection bracket

Code	D1xD (mm)	L (m)	Ø GAS (")	
019000080	8x10	10	1/4	1











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