

**BAHCO**



Tabela de Preços  
**2024**



## Chaves de bocas



## CHAVES AJUSTÁVEIS

Chave crescente, fosfatada. Combinada: chave crescente + chave para tubos

ergo



### 90

L	mm	mm	€	g	PC
158mm/6"	20 mm	29,11	5	9070	PC
208mm/8"	27 mm	31,61	5	9071	PC
257mm/10"	31 mm	41,16	5	9072	PC
308mm/12"	34 mm	59,86	5	9073	PC

Combinada: chave crescente + chave para tubos

Chave ajustável ERGO™ fosfatada com pega de borracha e porca central, com mandíbula reversível

ergo



### 90P

L	mm	mm	€	g	PC
158mm/6"	21 mm	32,59	5	9070 P	PC
208mm/8"	28 mm	34,79	5	9071 P	PC
257mm/10"	33 mm	44,61	5	9072 P	PC
308mm/12"	35 mm	63,33	5	9073 P	PC

Chave crescente, cromada. Combinada: chave crescente + chave para tubos

ergo



### 90C

L	mm	mm	€	g	PC
158mm/6"	20 mm	26,36	5	9070 C	PC
208mm/8"	27 mm	28,23	5	9071 C	PC
257mm/10"	31 mm	36,36	5	9072 C	PC
308mm/12"	34 mm	53,08	3	9073 C	PC

Combinada: chave crescente + chave para tubos

Chaves ajustáveis ERGO™ com pega de borracha e porca central, com mandíbula reversível

ergo



### 90PC

L	mm	mm	€	g	PC
158mm/6"	21 mm	29,05	5	9070 PC	PC
208mm/8"	28 mm	31,11	5	9071 PC	PC
257mm/10"	33 mm	39,06	5	9072 PC	PC
308mm/12"	35 mm	55,77	3	9073 PC	PC

Chave crescente, fosfatada, curta

ergo



### 9029-9035

L	mm	mm	€	g	PC
170mm/6"	32 mm	30,52	5	9029	PC
218mm/8"	38 mm	33,17	5	9031	PC
270mm/10"	46 mm	43,27	5	9033	PC
324mm/12"	55 mm	62,72	5	9035	PC

Chave crescente com grande abertura da maxila. Com abertura da maxila extra

ergo



### 9029C/9031C

L	mm	mm	€	g	PC
170mm/6"	32 mm	35,78	5	9029 C	PC
218mm/8"	38 mm	38,37	5	9031 C	PC

Com abertura da maxila extra

Chave Ajustável Rebaixada. com grande abertura

ergo



### 9029-T/9031-T

L	mm	mm	€	g	PC
170mm/6"	32 mm	35,20	5	9029-T	PC
218mm/8"	38 mm	40,96	5	9031-T	PC

com grande abertura

Chave crescente, abertura maior e maxila reversível

ergo



### 9031P

L	mm	mm	€	g	PC
218mm/8"	39 mm	35,94	5	9031P	PC

Conjunto de 3 chaves ajustáveis da Série 90

ergo



### ADJUST3-90

g	€	g	PC
900 g	91,11	1	ADJUST 3-90

9070, 9071, 9072

Embalagem dupla 9031 e 9029



ergo



### ADJUST9031/29

g	€	Icon	Icon
550 g	63,71	3	ADJUST 9031/29

9029, 9031

Chave crescente, fosfatada. Combinada: chave crescente + chave para tubos



### 80

L	Icon	€	Icon	Icon
110mm/4"	13 mm	22,33	5	8069
155mm/6"	20 mm	23,45	5	8070
205mm/8"	27 mm	25,44	5	8071
255mm/10"	31 mm	33,16	5	8072
305mm/12"	34 mm	48,19	5	8073
380mm/15"	44 mm	78,75	3	8074
455mm/18"	53 mm	123,74	3	8075
110mm/4"	13 mm	21,62	50	8069 IP
155mm/6"	20 mm	22,81	40	8070 IP
205mm/8"	27 mm	24,80	50	8071 IP
255mm/10"	31 mm	32,51	30	8072 IP
305mm/12"	34 mm	47,55	20	8073 IP
380mm/15"	44 mm	78,12	20	8074 IP
455mm/18"	53 mm	123,08	10	8075 IP

Combinada: chave crescente + chave para tubos

Chave crescente, cromada. Combinada: chave crescente + chave para tubos



### 80C

L	Icon	€	Icon	Icon
110mm/4"	13 mm	16,40	5	8069 C
155mm/6"	20 mm	16,83	5	8070 C
205mm/8"	27 mm	19,13	5	8071 C
255mm/10"	31 mm	23,20	5	8072 C
305mm/12"	34 mm	30,54	5	8073 C
380mm/15"	44 mm	51,31	3	8074 C
455mm/18"	53 mm	79,61	3	8075 C

L	Icon	€	Icon	Icon
110mm/4"	13 mm	15,90	5	8069 C IP
155mm/6"	20 mm	16,31	5	8070 C IP
205mm/8"	27 mm	18,65	5	8071 C IP
255mm/10"	31 mm	22,71	5	8072 C IP
305mm/12"	34 mm	30,04	5	8073 C IP
380mm/15"	44 mm	50,80	3	8074 C IP
455mm/18"	53 mm	79,13	3	8075 C IP

Combinada: chave crescente + chave para tubos

### Chave ajustável de grandes dimensões



### 86/87

L	Icon	€	Icon	Icon
614mm/24"	63 mm	277,02	1	86
770mm/30"	85 mm	282,88	3	87

### Conjunto de 3 chaves ajustáveis da Série 80



### ADJUST3

g	€	Icon	Icon
810 g	77,58	1	ADJUST 3

8070, 8071, 8072

Peças extra para chaves crescentes. 2= molette e ressort



### RPS

Icon	€	Icon	Icon
8069, 8069 C	4,88	1	8069-1
8070, 8070 C, 9070, 9070 C	5,65	1	8070-1
8071, 8071 C, 9071, 9071 C	5,24	1	8071-1

Icon	€	Icon	Icon
8072, 8072 C, 9072, 9072 C	5,44	1	8072-1
8073, 8073 C, 9073, 9073 C	6,28	1	8073-1
8074, 8074 C	10,20	1	8074-1
8075, 8075 C	13,53	1	8075-1
9029, 9029 C, 31	5,99	1	9029-1
9029-T	13,35	1	9029T-1
9031, 9031 C	5,80	1	9031-1
9031-T	13,46	1	9031T-1
9033, 33H	12,66	1	9033-1
9035	14,15	1	9035-1
86	8,06	1	86-1
87	10,12	1	87-1
9031 P	8,40	1	9031 P-1
9070 P, 9070 PC	8,16	1	9070 P-1
9071 P, 9071 PC	7,97	1	9071 P-1
9072 P, 9072 PC	8,77	1	9072 P-1
9073 P, 9073 PC	9,95	1	9073 P-1

2= molette e ressort

Conjuntos de serrilha, perno e mola sobresselentes para as séries 80 e 90 de chaves ajustáveis



### RPS2

Icon	g	€	Icon	Icon
8069, 8069 C	3 g	2,97	1	8069-2
8070, 8070 C, 9070, 9070 C, 9070 P, 9070 PC	8 g	3,10	1	8070-2
8071, 8071 C, 9071, 9071 C, 9071 P, 9071 PC	10 g	3,13	1	8071-2
8072, 8072 C, 9072, 9072 C, 9072 P, 9072 PC	16 g	3,43	1	8072-2
8073, 8073 C, 9073, 9073 C, 9073 P, 9073 PC, 9033	25 g	3,77	1	8073-2
8074, 8074 C, 9035	47 g	4,43	1	8074-2
8075, 8075 C	54 g	4,95	1	8075-2
9029, 9029 C, 9029-T, 9031-T, 31, 9031, 9031 C, 9031P	9 g	3,43	1	9029-2
86	125 g	6,78	1	86-2
87	185 g	7,11	1	87-2



Chave ajustável de grandes dimensões - podger



**84**

L	W	€	Box	Icon
405mm/16"	41 mm	37,11	1	84-PODGER

Chave crescente



**31**

L	W	€	Box	Icon
209mm/8"	32 mm	37,25	5	31
209mm/8"	32 mm	35,87	50	31-IP

Chaves de boca fina ajustáveis com mandíbulas de tubo serrilhadas e acabamento fosfatado



**31-T**

L	W	€	Box	Icon
209mm/8"	32 mm	35,87	5	31-T
209mm/8"	32 mm	35,87	50	31-T-IP

Chave inglesa com gancho



**33H**

L	W	€	Box	Icon
254mm/10"	46 mm	66,38	5	33H

Chave Ajustável Lateral Fosfatada. Serviços Pesados



**95**

L	W	€	Box	Icon
257mm/10"	35 mm	48,19	5	9572

Serviços Pesados

Chave Ajustável de parafuso lateral



**91C/97C**

L	W	€	Box	Icon
155mm/6"	21 mm	27,40	5	91C
205mm/8"	29 mm	31,24	5	92C
255mm/10"	34 mm	37,07	5	93C
305mm/12"	39 mm	47,37	5	94C
405mm/16"	48 mm	79,28	1	95C
500mm/20"	60 mm	150,69	1	96C
750mm/30"	77 mm	294,44	1	97C




## CHAVES DE BOCAS COMBINADAS

Chave mista offset



**111M**




W	€	Box	Icon
5.5 mm	6,39	10	111M-5.5
6 mm	5,81	10	111M-6
7 mm	5,87	10	111M-7
8 mm	6,04	10	111M-8
9 mm	7,21	10	111M-9
10 mm	7,26	10	111M-10
11 mm	7,89	10	111M-11
12 mm	8,33	10	111M-12
13 mm	8,77	10	111M-13
14 mm	9,13	10	111M-14
15 mm	9,46	10	111M-15
16 mm	10,00	10	111M-16
17 mm	10,69	10	111M-17
18 mm	11,27	10	111M-18
19 mm	12,88	10	111M-19
20 mm	13,03	10	111M-20
21 mm	14,89	10	111M-21
22 mm	15,02	5	111M-22
23 mm	15,90	5	111M-23
24 mm	16,63	5	111M-24
25 mm	18,04	5	111M-25
26 mm	21,41	5	111M-26
27 mm	23,55	5	111M-27
28 mm	25,16	5	111M-28
29 mm	25,79	5	111M-29
30 mm	28,69	5	111M-30
32 mm	30,92	5	111M-32
33 mm	33,26	5	111M-33
34 mm	35,79	5	111M-34
36 mm	50,58	1	111M-36
38 mm	59,82	1	111M-38
41 mm	64,22	1	111M-41
46 mm	84,69	1	111M-46
50 mm	95,92	1	111M-50
55 mm	167,26	1	111M-55
60 mm	221,89	1	111M-60
65 mm	295,49	1	111M-65
70 mm	351,24	1	111M-70
75 mm	442,67	1	111M-75
80 mm	510,69	1	111M-80
85 mm	687,01	1	111M-85
90 mm	695,25	1	111M-90
95 mm	697,31	1	111M-95
100 mm	715,85	1	111M-100
5.5 mm	6,80	1	SB111M-5,5
6 mm	7,05	1	SB111M-6
7 mm	7,10	1	SB111M-7
8 mm	7,27	1	SB111M-8
9 mm	8,49	1	SB111M-9
10 mm	8,55	1	SB111M-10
11 mm	9,20	1	SB111M-11
12 mm	9,64	1	SB111M-12
13 mm	10,11	1	SB111M-13
14 mm	10,51	1	SB111M-14
15 mm	10,83	1	SB111M-15

	€		
16 mm	11,64	1	SB111M-16
17 mm	12,14	1	SB111M-17
18 mm	12,71	1	SB111M-18
19 mm	14,41	1	SB111M-19
20 mm	14,52	1	SB111M-20
21 mm	16,49	1	SB111M-21
22 mm	16,61	1	SB111M-22
23 mm	17,54	1	SB111M-23
24 mm	18,32	1	SB111M-24
25 mm	19,77	1	SB111M-25
26 mm	19,25	1	SB111M-26
27 mm	21,55	1	SB111M-27
28 mm	26,58	1	SB111M-28
29 mm	28,79	1	SB111M-29
30 mm	30,83	1	SB111M-30
32 mm	34,31	1	SB111M-32

### Chave boca luneta, tipo coto, polegadas






### 1Z

	€		
3/16 in	7,46	20	1Z-3/16
7/32 in	7,46	20	1Z-7/32
9/32 in	7,18	20	1Z-9/32
5/16 in	4,64	10	1Z-5/16
11/32 in	5,33	10	1Z-11/32
3/8 in	5,33	10	1Z-3/8
7/16 in	5,70	10	1Z-7/16
1/2 in	6,30	10	1Z-1/2
9/16 in	6,67	10	1Z-9/16
5/8 in	7,54	10	1Z-5/8
11/16 in	7,81	10	1Z-11/16
3/4 in	9,01	10	1Z-3/4
13/16 in	10,43	10	1Z-13/16
7/8 in	10,43	10	1Z-7/8
15/16 in	16,59	5	1Z-15/16
1 in	16,83	10	1Z-1

### Chave mista offset



### 111Z

	€		
1/4 in	6,07	5	111Z-1/4
5/16 in	6,27	5	111Z-5/16
3/8 in	7,62	5	111Z-3/8
7/16 in	8,30	5	111Z-7/16
1/2 in	9,18	5	111Z-1/2
9/16 in	9,67	5	111Z-9/16
5/8 in	10,49	5	111Z-5/8
11/16 in	11,10	5	111Z-11/16
3/4 in	13,29	5	111Z-3/4
13/16 in	15,45	5	111Z-13/16
7/8 in	15,71	5	111Z-7/8
15/16 in	17,50	3	111Z-15/16
1 in	18,90	3	111Z-1
1 1/16 in	24,51	5	111Z-1.1/16
1 1/8 in	26,19	5	111Z-1.1/8
1 1/4 in	32,05	5	111Z-1.1/4
1 5/16 in	37,30	5	111Z-1.5/16
1 3/8 in	52,51	1	111Z-1.3/8
1 7/16 in	52,51	1	111Z-1.7/16
1 1/2 in	55,17	1	111Z-1.1/2
1 5/8 in	66,68	1	111Z-1.5/8
1 11/16 in	86,12	1	111Z-1.11/16
1 3/4 in	92,40	1	111Z-1.3/4
1 13/16 in	85,94	1	111Z-1.13/16
1 7/8 in	98,28	1	111Z-1.7/8
2 in	99,62	1	111Z-2
2 1/8 in	175,25	1	111Z-2.1/8
2 1/4 in	175,25	1	111Z-2.1/4
2 3/8 in	242,21	1	111Z-2.3/8
2 1/2 in	300,18	1	111Z-2.1/2
2 5/8 in	300,18	1	111Z-2.5/8
2 3/4 in	319,29	1	111Z-2.3/4
2 7/8 in	387,53	1	111Z-2.7/8
3 in	387,53	1	111Z-3

### Chave mista offset



### S20

	€		
9	5,83	1	SBS20-9
12	6,92	1	SBS20-12
15	7,83	1	SBS20-15
16	8,38	1	SBS20-16
20	11,54	1	SBS20-20

### Conjunto de chaves boca luneta, 5 peças, métrico



### 111M/SH5

	€		
5	45,64	1	111M/SH5

111M-8, 111M-10, 111M-13, 111M-17, 111M-19

### Jogo de chaves combinadas, métrico



### 111M/SH8

	€		
8	84,26	1	111M/SH8

111M-8, 111M-10, 111M-12, 111M-13, 111M-14, 111M-17, 111M-19, 111M-22

### Jogo de chaves combinadas, métrico



### 111M/SH12

	€		
12	120,02	1	111M/SH12

111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-16, 111M-17, 111M-18, 111M-19



Conjunto de chaves de bocas duplas, métrico



**111M/**



€



10

94,61

1

111M/S10

111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-17, 111M-19, 111M-22



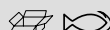
Jogo de chaves combinadas, métrico



**111M/11T**



€



11

107,88

1

111M/11T

111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-17, 111M-19, 111M-22



Jogo de chaves combinadas, métrico



**111M/14T**



€



14

199,01

1

111M/14T

111M-6, 111M-8, 111M-9, 111M-10, 111M-13, 111M-14, 111M-15, 111M-17, 111M-19, 111M-22, 111M-24, 111M-27, 111M-30, 111M-32



Jogo de chaves combinadas, métrico



**111M/17T**



€



17

172,23

1

111M/17T

111M-6, 111M-7, 111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-16, 111M-17, 111M-18, 111M-19, 111M-20, 111M-21, 111M-22



Jogo de chaves combinadas, métrico



**111M/17TL**



€



17

221,71

1

111M/17TL

111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-16, 111M-18, 111M-19, 111M-22, 111M-24, 111M-26, 111M-27, 111M-30, 111M-32



Conjunto de chaves boca luneta, métrico



**111M/24T**



€



24

364,21

1

111M/24T

111M-6, 111M-7, 111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-16, 111M-17, 111M-18, 111M-19, 111M-20, 111M-21, 111M-22, 111M-24, 111M-26, 111M-27, 111M-28, 111M-30, 111M-32, 111M-36



Jogo de chaves combinadas, métrico



**111M/26T**



€



26

380,62

1

111M/26T

111M-6, 111M-7, 111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-16, 111M-17, 111M-18, 111M-19, 111M-20, 111M-21, 111M-22, 111M-23, 111M-24, 111M-25, 111M-26, 111M-27, 111M-28, 111M-29, 111M-30, 111M-32



Jogos de chaves mistas offset



**111Z/**



€



8

95,86

1

111Z/8T

**BAHCO**

111Z-3/8, 111Z-7/16, 111Z-1/2, 111Z-9/16, 111Z-5/8, 111Z-11/16, 111Z-3/4, 111Z-7/8

Conjunto de chaves boca luneta, polegadas



### 111Z/11T

	€		
11	153,78	1	111Z/11T

111Z-3/8, 111Z-7/16, 111Z-1/2, 111Z-9/16, 111Z-5/8, 111Z-11/16, 111Z-3/4, 111Z-13/16, 111Z-7/8, 111Z-15/16, 111Z-1

Chave mista offset, série longa



### 11M

	€		
8 mm	11,42	5	11M-8
9 mm	11,42	5	11M-9
10 mm	12,00	5	11M-10
11 mm	12,00	5	11M-11
12 mm	13,73	5	11M-12
13 mm	13,73	5	11M-13
14 mm	16,57	5	11M-14
15 mm	16,57	5	11M-15
16 mm	18,18	5	11M-16
17 mm	18,76	5	11M-17
18 mm	18,89	5	11M-18
19 mm	23,75	5	11M-19
21 mm	23,75	5	11M-21
22 mm	17,81	5	11M-22
24 mm	30,42	5	11M-24
27 mm	39,45	1	11M-27
30 mm	47,73	1	11M-30
32 mm	47,73	1	11M-32
36 mm	61,36	1	11M-36
38 mm	65,02	1	11M-38

Chave boca luneta, série longa polegadas



### 11Z

	€		
3/8 in	11,41	5	11Z-3/8
7/16 in	11,80	5	11Z-7/16
1/2 in	12,15	5	11Z-1/2
9/16 in	12,58	5	11Z-9/16
5/8 in	15,05	5	11Z-5/8
11/16 in	15,05	5	11Z-11/16
3/4 in	16,85	5	11Z-3/4
13/16 in	17,66	5	11Z-13/16
1 in	37,41	5	11Z-1

Chave mista, Liliput



### 4020L-M

	€		
3.2 mm	19,59	5	4020L-M-3.2
3.5 mm	19,59	5	4020L-M-3.5
4 mm	18,50	5	4020L-M-4
4.5 mm	18,50	5	4020L-M-4.5
5 mm	18,50	5	4020L-M-5
5.5 mm	18,50	5	4020L-M-5.5

Chave mista offset



### 1952M

	€		
6 mm	9,18	10	1952M-6
7 mm	9,18	10	1952M-7
8 mm	9,07	10	1952M-8
9 mm	10,20	10	1952M-9
10 mm	10,20	10	1952M-10
11 mm	10,94	10	1952M-11
12 mm	11,56	10	1952M-12
13 mm	12,53	10	1952M-13
14 mm	12,64	10	1952M-14
15 mm	14,96	10	1952M-15

	€		
16 mm	16,18	10	1952M-16
17 mm	16,72	10	1952M-17
18 mm	18,71	10	1952M-18
19 mm	19,61	10	1952M-19
20 mm	20,77	10	1952M-20
21 mm	21,58	10	1952M-21
22 mm	24,20	5	1952M-22
23 mm	26,14	5	1952M-23
24 mm	27,32	5	1952M-24
25 mm	29,16	5	1952M-25
26 mm	29,44	5	1952M-26
27 mm	31,39	5	1952M-27
28 mm	35,79	1	1952M-28
29 mm	38,20	1	1952M-29
30 mm	40,11	1	1952M-30
32 mm	41,94	1	1952M-32
34 mm	54,36	1	1952M-34
36 mm	71,26	1	1952M-36
41 mm	88,59	1	1952M-41
46 mm	142,53	1	1952M-46
50 mm	181,18	1	1952M-50
55 mm	231,37	1	1952M-55
60 mm	352,35	1	1952M-60
65 mm	450,30	1	1952M-65
70 mm	486,21	1	1952M-70
75 mm	550,97	1	1952M-75
80 mm	660,59	1	1952M-80
7 mm	10,36	1	SB1952M-7
8 mm	10,21	1	SB1952M-8
10 mm	11,37	1	SB1952M-10
12 mm	12,72	1	SB1952M-12
13 mm	13,69	1	SB1952M-13
14 mm	13,81	1	SB1952M-14
17 mm	17,87	1	SB1952M-17
19 mm	20,77	1	SB1952M-19
24 mm	28,48	1	SB1952M-24

Chave mista offset



### 1952Z

	€		
1/4 in	9,68	5	1952Z-1/4
5/16 in	9,83	5	1952Z-5/16
11/32 in	10,45	5	1952Z-11/32
3/8 in	10,98	5	1952Z-3/8
7/16 in	11,92	5	1952Z-7/16
1/2 in	19,46	5	1952Z-1/2
9/16 in	14,51	5	1952Z-9/16
5/8 in	16,48	5	1952Z-5/8
11/16 in	19,42	5	1952Z-11/16
3/4 in	21,23	5	1952Z-3/4
13/16 in	22,71	5	1952Z-13/16
7/8 in	27,25	5	1952Z-7/8
15/16 in	29,03	5	1952Z-15/16
1 in	30,20	1	1952Z-1
1 1/16 in	33,20	1	1952Z-1.1/16
1 1/8 in	39,20	1	1952Z-1.1/8
1 1/4 in	45,02	1	1952Z-1.1/4
1 5/16 in	48,61	1	1952Z-1.5/16
1 3/8 in	88,28	1	1952Z-1.3/8
1 7/16 in	93,60	1	1952Z-1.7/16
1 1/2 in	94,54	1	1952Z-1.1/2
1 5/8 in	113,32	1	1952Z-1.5/8





Chave mista, offset, métrica



**PU**

	€		
6 mm	7,30	5	PU-6
9 mm	8,84	5	PU-9
14 mm	10,91	5	PU-14
20 mm	16,06	3	PU-20
22 mm	21,50	3	PU-22
24 mm	24,48	3	PU-24

Conjunto de chaves de bocas duplas, offset, métrico



**1952M/**

	€		
10	128,45	1	1952M/10

1952M-8, 1952M-9, 1952M-10, 1952M-11, 1952M-12, 1952M-13, 1952M-14, 1952M-16, 1952M-17, 1952M-19

Jogo de chaves combinadas, offset, métrico - 8 peças



**1952M/SH**

	€		
6	79,43	1	1952M/SH6

1952M-8, 1952M-10, 1952M-12, 1952M-13, 1952M-14, 1952M-17

Jogos de chaves mistas offset



**1952M/T**

	€		
7	109,13	1	1952M/7T

1952M-8, 1952M-10, 1952M-13, 1952M-14, 1952M-17, 1952M-19, 1952M-22

Jogo de chaves combinadas, offset, métrico - 12 peças



**1952M/SH12**

	€		
12	176,72	1	1952M/SH12

1952M-8, 1952M-9, 1952M-10, 1952M-11, 1952M-12, 1952M-13, 1952M-14, 1952M-15, 1952M-16, 1952M-17, 1952M-18, 1952M-19

Jogo de chaves combinadas, offset, métrico



**1952M/14T**

	€		
14	286,77	1	1952M/14T

1952M-6, 1952M-8, 1952M-9, 1952M-10, 1952M-13, 1952M-14, 1952M-15, 1952M-17, 1952M-19, 1952M-22, 1952M-24, 1952M-27, 1952M-30, 1952M-32

Jogo de chaves combinadas, offset, métrico



**1952M/17T**

	€		
17	258,69	1	1952M/17T

1952M-6, 1952M-7, 1952M-8, 1952M-9, 1952M-10, 1952M-11, 1952M-12, 1952M-13, 1952M-14, 1952M-15, 1952M-16, 1952M-17, 1952M-18, 1952M-19, 1952M-20, 1952M-21, 1952M-22

Jogo de chaves combinadas, offset, métrico



**1952M/26T**

	€		
26	557,38	1	1952M/26T

1952M-6, 1952M-7, 1952M-8, 1952M-9, 1952M-10, 1952M-11, 1952M-12, 1952M-13, 1952M-14, 1952M-15, 1952M-16, 1952M-17, 1952M-18, 1952M-19, 1952M-20, 1952M-21, 1952M-22, 1952M-23, 1952M-24, 1952M-25, 1952M-26, 1952M-27, 1952M-28, 1952M-29, 1952M-30, 1952M-32

Jogos de chaves mistas offset



**1952Z/T**

	€		
11	179,90	1	1952Z/11T

1952Z-1/4, 1952Z-5/16, 1952Z-3/8, 1952Z-7/16, 1952Z-1/2, 1952Z-9/16, 1952Z-5/8, 1952Z-11/16, 1952Z-3/4, 1952Z-13/16, 1952Z-7/8

**CHAVES DE ROQUETE**

Chave combinada boca e roquete



**1RM**

	€		
6 mm	22,55	1	1RM-6
7 mm	22,55	1	1RM-7
8 mm	23,82	1	1RM-8
9 mm	24,12	1	1RM-9
10 mm	25,75	1	1RM-10
11 mm	27,33	1	1RM-11
12 mm	29,35	1	1RM-12
13 mm	30,40	1	1RM-13
14 mm	31,72	1	1RM-14
15 mm	32,61	1	1RM-15
16 mm	35,55	1	1RM-16
17 mm	35,86	1	1RM-17
18 mm	38,80	1	1RM-18
19 mm	39,13	1	1RM-19
21 mm	41,79	1	1RM-21
22 mm	42,15	1	1RM-22
24 mm	45,54	1	1RM-24
27 mm	53,16	1	1RM-27
30 mm	64,30	1	1RM-30
32 mm	69,96	1	1RM-32

Chave mista boca e roquete, em polegadas



**1RZ**

	€		
1/4 in	25,90	1	1RZ-1/4
5/16 in	26,17	1	1RZ-5/16
11/32 in	22,55	1	1RZ-11/32
3/8 in	27,08	1	1RZ-3/8
7/16 in	29,88	1	1RZ-7/16
1/2 in	33,28	1	1RZ-1/2
9/16 in	34,58	1	1RZ-9/16
5/8 in	38,27	1	1RZ-5/8
11/16 in	40,71	1	1RZ-11/16
3/4 in	44,22	1	1RZ-3/4
7/8 in	48,63	1	1RZ-7/8
15/16 in	58,50	1	1RZ-15/16

em polegadas

Chave mista boca e roquete versão curta, em milímetros



**10RM**

	€		
8 mm	17,59	1	10RM-8
10 mm	19,79	1	10RM-10
13 mm	22,45	1	10RM-13
14 mm	22,82	1	10RM-14
17 mm	26,54	1	10RM-17
19 mm	29,10	1	10RM-19

em milímetros

Chave boca luneta c/roquete - versão curta, em pol.



**10RZ**

	€		
5/16 in	19,24	1	10RZ-5/16
3/8 in	20,93	1	10RZ-3/8
7/16 in	21,84	1	10RZ-7/16

	€		
1/2 in	23,46	1	10RZ-1/2
9/16 in	24,67	1	10RZ-9/16
5/8 in	27,70	1	10RZ-5/8
11/16 in	29,12	1	10RZ-11/16
3/4 in	31,50	1	10RZ-3/4

Chave combinada com roquete e cabeça flexível



**41RM**

	€		
8 mm	22,07	1	41RM-8
10 mm	24,04	1	41RM-10
11 mm	25,27	1	41RM-11
12 mm	27,28	1	41RM-12
13 mm	28,07	1	41RM-13
14 mm	29,43	1	41RM-14
17 mm	33,27	1	41RM-17
19 mm	37,59	1	41RM-19
21 mm	39,20	1	41RM-21

Metric sizes

Chave boca luneta c/roquete e cbç art. de bloqueio. Tamanhos em polegadas



**41RZ**

	€		
5/16 in	19,80	1	41RZ-5/16
3/8 in	20,95	1	41RZ-3/8
7/16 in	21,66	1	41RZ-7/16
1/2 in	23,68	1	41RZ-1/2
9/16 in	25,01	1	41RZ-9/16
5/8 in	28,08	1	41RZ-5/8
11/16 in	30,08	1	41RZ-11/16
3/4 in	31,32	1	41RZ-3/4
13/16 in	45,30	1	41RZ-13/16
7/8 in	45,30	1	41RZ-7/8



Jogos de chaves combinadas boca e roquete



**1RM/**

	€		
6	183,46	1	1RM/SH6

1RM-8, 1RM-10, 1RM-12, 1RM-13, 1RM-14, 1RM-17



Jogo de chaves combinadas com roquete



**1RM/SH8**

	€		
8	262,55	1	1RM/SH8

1RM-8, 1RM-10, 1RM-11, 1RM-12, 1RM-13, 1RM-14, 1RM-17, 1RM-19



Jogo de chaves combinadas com roquete



**1RM/SH12**

	€		
12	387,58	10	1RM/SH12

1RM-8, 1RM-9, 1RM-10, 1RM-11, 1RM-12, 1RM-13, 1RM-14, 1RM-15, 1RM-16, 1RM-17, 1RM-18, 1RM-19



Conjunto de chaves combinadas boca e roquete



**1RM/S5**

	€		
5	155,22	10	1RM/S5

1RM-8, 1RM-10, 1RM-13, 1RM-17, 1RM-19



Conjunto de chaves mistas boca e roquete, em polegadas. Tamanhos em polegadas



**1RZ/**

	€		
8	282,95	1	1RZ/SH8

Tamanhos em polegadas

1RZ-5/16, 1RZ-3/8, 1RZ-7/16, 1RZ-1/2, 1RZ-9/16, 1RZ-5/8, 1RZ-11/16, 1RZ-3/4



Jogo de chaves combinadas de roquete e adaptadores. 8pcs



**1RMA/S8**

	€		
160 x 283 x 75 mm	139,75	1	1RMA/S8

8pcs

1RMA-13-3/8-SQ, 1RMA-10-1/4-SQ, 1RMA-19-1/2-SQ



1RMA-13-5/16-BIT, 1RMA-10-1/4-BIT



1RM-13, 1RM-10, 1RM-19



Conjunto de chaves mistas boca e roquete, em milímetros



**10RM/**

	€		
6	143,69	1	10RM/SH6

Metric sizes

10RM-8, 10RM-10, 10RM-13, 10RM-14, 10RM-17, 10RM-19



Conjunto de chaves combinadas boca e roquete. Métrico



**41RM/SH8**

	€		
8	234,58	10	41RM/SH8

Métrico

41RM-8, 41RM-10, 41RM-11, 41RM-12, 41RM-13, 41RM-14, 41RM-17, 41RM-19



Conjunto de chaves de luneta ajustáveis com roquete



**42RM/S12**

		€		
229 x 70 x 280 mm	1562 g	342,97	1	42RM/S12

Chave roquete, em milímetros



**1320RM**

	€		
6-7 mm	31,05	1	1320RM-6-7
8-9 mm	31,48	1	1320RM-8-9
10-11 mm	33,39	1	1320RM-10-11
12-13 mm	35,61	1	1320RM-12-13
14-15 mm	39,41	1	1320RM-14-15
16-17 mm	43,26	1	1320RM-16-17
17-19 mm	44,58	1	1320RM-17-19
18-19 mm	46,55	1	1320RM-18-19
22-24 mm	49,05	1	1320RM-22-24

Chave de roquete, em polegadas.  
Tamanhos em polegadas



**1320RZ**

	€		
1/4-5/16" in	31,05	1	1320RZ-1/4-5/16
5/16-11/32 in	33,69	60	1320RZ-5/16-11/32
3/8-7/16" in	39,57	1	1320RZ-3/8-7/16
1/2-9/16" in	45,27	1	1320RZ-1/2-9/16
5/8-11/16" in	26,11	1	1320RZ-5/8-11/16
3/4-13/16" in	40,60	1	1320RZ-3/4-13/16
3/4-7/8" in	40,60	1	1320RZ-3/4-7/8
7/8-15/16" in	53,73	1	1320RZ-7/8-15/16

Tamanhos em polegadas

Chave de luneta com roquete e cabeça angular.  
Tamanhos em polegadas



**1321RZ**

	€		
3/8-7/16 in	25,37	1	1321RZ-3/8-7/16
1/2-9/16 in	28,59	1	1321RZ-1/2-9/16
5/8-11/16 in	33,10	1	1321RZ-5/8-11/16
3/4x7/8 in	46,80	1	1321RZ-3/4-7/8

Chave de roquete tipo S



**1320SRM**

	€		
14-19 mm	41,94	1	1320SRM-14-19

Chave de roquete em milímetros



**1320RM/**

	€		
8	317,35	1	1320RM/SH8

1320RM-6-7, 1320RM-8-9, 1320RM-10-11, 1320RM-12-13, 1320RM-14-15, 1320RM-16-17, 1320RM-18-19, 1320RM-22-24

Conjunto de chave de roquete tipo S



**1320SRM/**

	€		
29	130,09	1	1320SRM/S29

**1320SRM-14-19**

1RMA-19-17-HEX, 1RMA-19-16-HEX, 1RMA-19-15-HEX, 1RMA-19-13-HEX, 1RMA-19-9/16-HEX, 1RMA-19-5/8-HEX, 1RMA-19-11/16-HEX, 1RMA-19-1/2-HEX, 1RMA-19-E18-TX, 1RMA-19-E20-TX, 1RMA-19-E16-TX, 1RMA-19-E22-TX, 1RMA-19-1/2-SQ2, 1RMA-14-11-HEX, 1RMA-14-12-HEX, 1RMA-14-E11-TX, 1RMA-14-E12-TX, 1RMA-14-E10-TX, 1RMA-14-E14-TX, 1RMA-14-E8-TX, 1RMA-14-10-HEX, 1RMA-14-7/16-HEX, 1RMA-14-3/8-HEX, 1RMA-14-5/16-HEX, 1RMA-14-8-HEX, 1RMA-14-9-HEX

1RMA-19-1/4-SQ

SBS19-TH22

Caixa com roquete 4 em 1



**S4RM**

	€		
4x5 6x7 mm	20,85	1	S4RM-4-7
8x9 10x11 mm	23,06	1	S4RM-8-11
12x13 14x15 mm	31,14	1	S4RM-12-15
16x17 18x19 mm	37,52	1	S4RM-16-19
20x21 24x27 mm	72,48	1	S4RM-21-27
30x32 34x36 mm	133,41	1	S4RM-30-36

Jogos chaves roquete 4 em 1



**S4RM/**

	€		
3	94,49	20	S4RM/3T

S4RM-8-11, S4RM-12-15, S4RM-16-19



Jogo de chaves de roquete com anel 4 em 1



### S4RM/4T

		€		
4		154,46	1	S4RM/4T

S4RM-8-11, S4RM-12-15, S4RM-16-19, S4RM-21-27



Jogos de chaves de roquete com anel 4 em 1



### S4RM/5T

		€		
5		311,27	1	S4RM/5T

S4RM-8-11, S4RM-12-15, S4RM-16-19, S4RM-21-27, S4RM-30-36



Adaptadores de chaves de caixa para chave de roquete



### 1RMA-SQ

		€		
1/4 in	10 mm	9,72	1	1RMA-10-1/4-SQ
3/8 in	13 mm	10,22	1	1RMA-13-3/8-SQ
1/2 in	19 mm	11,05	1	1RMA-19-1/2-SQ
1/4 in	19 mm	10,81	1	1RMA-19-1/4-SQ

Adaptador de pontas para chave de roquete



### 1RMA-BIT

		€		
1/4	10 mm	7,63	1	1RMA-10-1/4-BIT
5/16	13 mm	8,37	1	1RMA-13-5/16-BIT
10	13 mm	12,03	1	1RMA-13-10-BIT

Jogo de adaptadores para chaves de roquete. 4 pcs



### 1RMA/S4

	€		
84 x 100 x 35 mm	38,30	1	1RMA/S4

4 pcs

1RMA-10-1/4-SQ, 1RMA-19-1/2-SQ, 1RMA-13-3/8-SQ



1RMA-10-1/4-BIT



## CHAVES DE BOCAS ABERTAS

Chave de bocas duplas



### 6M

	€		
4x5 mm	5,44	10	6M-4-5
4.5x5.5 mm	6,97	10	6M-4.5-5.5
5x5.5 mm	7,04	10	6M-5-5.5

	€		
5.5x7 mm	5,45	10	6M-5.5-7
6x7 mm	5,45	10	6M-6-7
7x8 mm	5,78	10	6M-7-8
8x9 mm	5,48	10	6M-8-9
8x10 mm	5,89	10	6M-8-10
10x11 mm	5,96	10	6M-10-11
10x13 mm	7,32	10	6M-10-13
12x13 mm	7,25	10	6M-12-13
12x14 mm	7,76	10	6M-12-14
13x14 mm	7,69	10	6M-13-14
13x15 mm	8,53	10	6M-13-15
13x16 mm	9,24	10	6M-13-16
13x17 mm	9,07	10	6M-13-17
14x15 mm	7,69	10	6M-14-15
14x17 mm	8,92	10	6M-14-17
16x17 mm	8,92	10	6M-16-17
16x18 mm	9,76	10	6M-16-18
17x19 mm	10,05	10	6M-17-19
18x19 mm	10,05	10	6M-18-19
19x22 mm	12,16	10	6M-19-22
19x24 mm	12,90	10	6M-19-24
20x22 mm	11,91	10	6M-20-22
21x23 mm	12,98	10	6M-21-23
21x24 mm	14,33	10	6M-21-24
22x24 mm	12,96	10	6M-22-24
24x26 mm	15,08	10	6M-24-26
24x27 mm	15,37	10	6M-24-27
24x30 mm	17,79	5	6M-24-30
25x28 mm	17,52	5	6M-25-28
27x29 mm	20,86	5	6M-27-29
27x30 mm	21,77	5	6M-27-30
27x32 mm	23,82	5	6M-27-32
30x32 mm	23,52	5	6M-30-32
30x36 mm	39,16	5	6M-30-36
32x36 mm	41,17	5	6M-32-36
34x36 mm	43,22	1	6M-34-36
36x41 mm	46,93	1	6M-36-41
38x42 mm	55,80	1	6M-38-42
41x46 mm	66,05	1	6M-41-46
46x50 mm	86,11	1	6M-46-50
4x5 mm	9,59	1	SB6M-4-5
6x7 mm	8,06	1	SB6M-6-7
8x9 mm	7,50	1	SB6M-8-9
10x11 mm	7,97	1	SB6M-10-11
12x13 mm	9,08	1	SB6M-12-13
14x15 mm	9,54	1	SB6M-14-15
16x17 mm	10,57	1	SB6M-16-17
17x19 mm	11,22	1	SB6M-17-19
18x19 mm	11,34	1	SB6M-18-19
20x22 mm	13,60	1	SB6M-20-22
21x23 mm	14,71	1	SB6M-21-23
22x24 mm	14,11	1	SB6M-22-24
24x26 mm	16,72	1	SB6M-24-26
24x27 mm	17,02	1	SB6M-24-27
25x28 mm	18,10	1	SB6M-25-28
27x29 mm	22,00	1	SB6M-27-29
30x32 mm	24,56	1	SB6M-30-32

Chave de bocas duplas



**6Z**

	€		
1/4x5/16 in	5,59	5	6Z-1/4-5/16
5/16x11/32 in	5,59	5	6Z-5/16-11/32
3/8x7/16 in	6,25	5	6Z-3/8-7/16
7/16x1/2 in	7,47	5	6Z-7/16-1/2
1/2x9/16 in	7,91	5	6Z-1/2-9/16
9/16x5/8 in	7,91	5	6Z-9/16-5/8
19/32x11/16 in	9,92	5	6Z-19/32-11/16
5/8x3/4 in	10,30	5	6Z-5/8-3/4
11/16x3/4 in	10,30	5	6Z-11/16-3/4
3/4x7/8 in	12,28	5	6Z-3/4-7/8
25/32x13/16 in	14,18	5	6Z-25/32-13/16
13/16x7/8 in	12,28	5	6Z-13/16-7/8
7/8x15/16 in	15,88	5	6Z-7/8-15/16
15/16x1 in	15,53	5	6Z-15/16-1
1x1.1/8 in	17,99	1	6Z-1-1.1/8
1.1/16x1.1/4 in	23,83	1	6Z-1.1/16-1.1/4
1.1/4x1.3/8 in	41,36	1	6Z-1.1/4-1.3/8

Chave de bocas duplas, Liliput



**1931Z**

	L	€		
1/8 in	74 mm	15,52	5	1931Z-1/8
5/32 in	80 mm	10,06	5	1931Z-5/32
3/16 in	80 mm	10,06	5	1931Z-3/16
13/64 in	80 mm	10,06	5	1931Z-13/64
7/32 in	80 mm	10,06	5	1931Z-7/32
15/64x1/4 in	84 mm	17,35	5	1931Z-15/64-1/4
1/4 in	80 mm	10,06	5	1931Z-1/4
9/32 in	90 mm	10,48	5	1931Z-9/32
9/32x5/16 in	94 mm	16,37	5	1931Z-9/32-5/16
5/16 in	90 mm	11,33	5	1931Z-5/16
11/32 in	105 mm	11,75	5	1931Z-11/32
11/32x3/8 in	94 mm	18,45	5	1931Z-11/32-3/8
3/8 in	105 mm	12,17	5	1931Z-3/8
7/16 in	120 mm	12,99	5	1931Z-7/16
1/2 in	120 mm	12,99	5	1931Z-1/2
9/16 in	130 mm	13,85	5	1931Z-9/16
5/8 in	130 mm	15,92	5	1931Z-5/8

Chave de bocas duplas, Liliput



**1931M**

	€		
4 mm	9,65	5	1931M-4
4.5 mm	9,65	5	1931M-4.5
5 mm	9,65	5	1931M-5
5.5 mm	9,65	5	1931M-5.5
6 mm	9,65	5	1931M-6
7 mm	9,65	5	1931M-7
8 mm	10,06	5	1931M-8
9 mm	10,90	5	1931M-9
10 mm	11,33	5	1931M-10
11 mm	12,17	5	1931M-11
12 mm	12,17	5	1931M-12
13 mm	12,17	5	1931M-13
14 mm	12,99	5	1931M-14
17 mm	17,19	5	1931M-17

Chave de bocas duplas



**895M**

	L	€		
6x7 mm	96 mm	3,47	10	895M-6-7
8x9 mm	109 mm	3,14	10	895M-8-9
8x10 mm	115 mm	3,14	10	895M-8-10
10x11 mm	124 mm	3,43	10	895M-10-11
10x13 mm	110 mm	3,43	10	895M-10-13
13x17 mm	155 mm	4,12	10	895M-13-17
17x19 mm	172 mm	5,08	10	895M-17-19
19x22 mm	195 mm	6,22	10	895M-19-22
19x24 mm	206 mm	7,12	5	895M-19-24
22x24 mm	220 mm	7,46	5	895M-22-24
24x27 mm	244 mm	9,89	5	895M-24-27
24x30 mm	265 mm	11,74	5	895M-24-30
27x32 mm	270 mm	14,20	5	895M-27-32
30x32 mm	275 mm	14,95	5	895M-30-32
30x36 mm	305 mm	20,02	1	895M-30-36
32x36 mm	307 mm	20,02	1	895M-32-36
36x41 mm	345 mm	27,73	1	895M-36-41
41x46 mm	381 mm	33,74	1	895M-41-46
46x50 mm	420 mm	40,54	1	895M-46-50
50x55 mm	460 mm	53,45	1	895M-50-55
55x60 mm	500 mm	67,42	1	895M-55-60
65x70 mm	580 mm	132,69	1	895M-65-70

Conjunto de chaves de bocas, metrico. recipiente plástico



**6M/SH**

	€		
8	78,45	1	6M/SH8

recipiente plástico

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17, 6M-18-19, 6M-20-22

Jogo de chaves de bocas duplas, métrico. Suporte de plástico



**6M/SH12**

	€		
12	144,95	1	6M/SH12

Suporte de plástico

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17, 6M-18-19, 6M-20-22, 6M-21-23, 6M-24-26, 6M-25-28, 6M-30-32

Conjunto de chaves de bocas, metrico. caixa de cartão



**6M/S**

	€		
8	63,08	1	6M/S8

caixa de cartão

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17, 6M-18-19, 6M-20-22



Jogos de chaves de bocas duplas



**6M/**

	€		
6	41,81	1	6M/6C

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17

Jogo de chaves de bocas duplas, métrico



**6M/8C**

	€		
8	64,30	1	6M/8C

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17, 6M-18-19, 6M-20-22

Jogo de chaves de bocas duplas, métrico



**6M/10C**

	€		
10	93,07	1	6M/10C

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17, 6M-18-19, 6M-20-22, 6M-24-27, 6M-30-32

Jogo de chaves de bocas duplas, métrico



**6M/12C**

	€		
12	135,38	1	6M/12C

6M-6-7, 6M-8-9, 6M-10-11, 6M-12-13, 6M-14-15, 6M-16-17, 6M-18-19, 6M-20-22, 6M-21-23, 6M-24-27, 6M-25-28, 6M-30-32

Jogo de chaves de bocas duplas



**6Z/**

	€		
8	74,83	1	6Z/8C

6Z-1/4-5/16, 6Z-3/8-7/16, 6Z-5/16-11/32, 6Z-1/2-9/16, 6Z-19/32-11/16, 6Z-5/8-3/4, 6Z-13/16-7/8, 6Z-15/16-1

Jogos de chaves de bocas duplas, Liliput



**1931M/**

	€		
10	108,60	1	1931M/10T

1931M-4, 1931M-4.5, 1931M-5, 1931M-5.5, 1931M-6, 1931M-7, 1931M-8, 1931M-9, 1931M-10, 1931M-11

Jogos de chaves de bocas duplas, Liliput



**1931Z/**

	€		
12	140,40	1	1931Z/12T

1931Z-5/32, 1931Z-9/32, 1931Z-5/16, 1931Z-11/32, 1931Z-3/8, 1931Z-3/16, 1931Z-7/32, 1931Z-1/4, 1931Z-7/16, 1931Z-1/2, 1931Z-5/8, 1931Z-9/16

Jogo de chaves de bocas duplas, Electronica



**1933M/**

	€		
6	58,57	1	1933M/6T

4x4, 4.5x4.5, 5x5, 5.5x5.5, 6x6, 7x7

Chave magnética com anel



**3280M/**

	€		
8	16,96	1	3280M

4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5 mm

Chave de porcas ajustáveis de 1/4", de bocas



677-

mm	in	€		
7 mm	1/4 in	32,63	1	677-7
8 mm	1/4 in	32,63	1	677-8
9 mm	1/4 in	32,63	1	677-9
10 mm	1/4 in	32,63	1	677-10
13 mm	1/4 in	32,63	1	677-13
3/8 in	1/4 in	32,28	1	677-3/8

Chave de porcas ajustáveis de 3/8", de bocas



747-

mm	in	€		
10 mm	3/8 in	32,81	1	747-10
11 mm	3/8 in	34,30	1	747-11
12 mm	3/8 in	31,79	1	747-12
13 mm	3/8 in	31,79	1	747-13
14 mm	3/8 in	29,53	1	747-14
15 mm	3/8 in	37,87	1	747-15
16 mm	3/8 in	38,57	1	747-16
17 mm	3/8 in	35,61	1	747-17
18 mm	3/8 in	41,91	1	747-18
19 mm	3/8 in	35,61	1	747-19
20 mm	3/8 in	48,12	1	747-20
21 mm	3/8 in	48,12	1	747-21
22 mm	3/8 in	48,12	1	747-22
23 mm	3/8 in	48,70	1	747-23
24 mm	3/8 in	49,18	1	747-24
25 mm	3/8 in	49,48	1	747-25
26 mm	3/8 in	49,90	1	747-26
27 mm	3/8 in	48,70	1	747-27
28 mm	3/8 in	52,75	1	747-28
30 mm	3/8 in	48,70	1	747-30
32 mm	3/8 in	48,70	1	747-32
34 mm	3/8 in	53,12	1	747-34
36 mm	3/8 in	60,14	1	747-36
40 mm	3/8 in	74,43	1	747-40
41 mm	3/8 in	86,93	1	747-41
42 mm	3/8 in	86,93	1	747-42
46 mm	3/8 in	103,00	1	747-46

mm	in	€		
50 mm	3/8 in	103,00	1	747-50
3/8 in	3/8 in	31,57	1	747-3/8
7/16 in	3/8 in	32,97	1	747-7/16
1/2 in	3/8 in	32,28	1	747-1/2
9/16 in	3/8 in	32,29	1	747-9/16
5/8 in	3/8 in	38,47	1	747-5/8
11/16 in	3/8 in	38,47	1	747-11/16
3/4 in	3/8 in	38,47	1	747-3/4
13/16 in	3/8 in	41,91	1	747-13/16
7/8 in	3/8 in	48,70	1	747-7/8
15/16 in	3/8 in	48,70	1	747-15/16
1 in	3/8 in	48,70	1	747-1
1.1/16 in	3/8 in	48,70	1	747-1.1/16
1.1/8 in	3/8 in	46,92	1	747-1.1/8
1.3/16 in	3/8 in	48,70	1	747-1.3/16
1.1/4 in	3/8 in	48,70	1	747-1.1/4
1.5/16 in	3/8 in	49,90	1	747-1.5/16
1.3/8 in	3/8 in	48,70	1	747-1.3/8
1.7/16 in	3/8 in	60,14	1	747-1.7/16
1.1/2 in	3/8 in	60,14	1	747-1.1/2
1.9/16 in	3/8 in	61,94	1	747-1.9/16
1.5/8 in	3/8 in	80,97	1	747-1.5/8
1.11/16 in	3/8 in	85,15	1	747-1.11/16
1.3/4 in	3/8 in	89,91	1	747-1.3/4
1.13/16 in	3/8 in	97,64	1	747-1.13/16
1.7/8 in	3/8 in	97,64	1	747-1.7/8
1.15/16 in	3/8 in	97,73	1	747-1.15/16
2 in	3/8 in	100,62	1	747-2
2.1/16 in	3/8 in	102,18	1	747-2.1/16
2.1/8 in	3/8 in	129,79	1	747-2.1/8
2.3/16 in	3/8 in	133,36	1	747-2.3/16
2.1/4 in	3/8 in	133,36	1	747-2.1/4
2.5/16 in	3/8 in	133,36	1	747-2.5/16
2.3/8 in	3/8 in	140,17	1	747-2.3/8
2.7/16 in	3/8 in	149,81	1	747-2.7/16
2.1/2 in	3/8 in	149,81	1	747-2.1/2
2.9/16 in	3/8 in	149,81	1	747-2.9/16
2.5/8 in	3/8 in	156,11	1	747-2.5/8
2.3/4 in	3/8 in	156,11	1	747-2.3/4
2.7/8 in	3/8 in	195,77	1	747-2.7/8

Chave de porcas ajustáveis de 1/2", de bocas



787-

mm	in	€		
1.1/16 in	1/2 in	48,70	1	787-1.1/16
1.1/8 in	1/2 in	48,70	1	787-1.1/8
1.3/16 in	1/2 in	54,63	1	787-1.3/16
1.1/4 in	1/2 in	54,63	1	787-1.1/4
1.5/16 in	1/2 in	54,63	1	787-1.5/16
1.3/8 in	1/2 in	59,40	1	787-1.3/8
1.7/16 in	1/2 in	60,59	1	787-1.7/16
1.1/2 in	1/2 in	61,20	1	787-1.1/2
1.5/8 in	1/2 in	67,13	1	787-1.5/8
1.11/16 in	1/2 in	136,67	1	787-1.11/16
1.3/4 in	1/2 in	136,67	1	787-1.3/4

mm	in	€		
1.13/16 in	1/2 in	136,67	1	787-1.13/16
1.7/8 in	1/2 in	148,54	1	787-1.7/8
2 in	1/2 in	148,54	1	787-2
2.1/8 in	1/2 in	166,31	1	787-2.1/8
2.3/16 in	1/2 in	166,31	1	787-2.3/16
2.1/4 in	1/2 in	178,16	1	787-2.1/4
2.3/8 in	1/2 in	190,11	1	787-2.3/8

Chave de boca simple



894M

mm	L	€		
7 mm	78 mm	3,43	10	894M-7
8 mm	94 mm	3,43	10	894M-8
9 mm	100 mm	3,52	10	894M-9
10 mm	106 mm	3,43	10	894M-10
11 mm	112 mm	3,52	10	894M-11
12 mm	125 mm	3,52	10	894M-12
13 mm	125 mm	3,52	10	894M-13
14 mm	140 mm	4,12	10	894M-14
15 mm	140 mm	4,27	10	894M-15
16 mm	140 mm	4,56	10	894M-16
17 mm	158 mm	3,52	10	894M-17
19 mm	171 mm	4,78	10	894M-19
21 mm	195 mm	5,14	5	894M-21
22 mm	195 mm	5,95	5	894M-22
24 mm	216 mm	7,17	5	894M-24
27 mm	240 mm	8,19	5	894M-27
30 mm	262 mm	9,65	5	894M-30
32 mm	274 mm	10,88	5	894M-32
34 mm	274 mm	18,09	1	894M-34
36 mm	303 mm	14,15	5	894M-36
38 mm	305 mm	22,06	1	894M-38
41 mm	343 mm	22,45	1	894M-41
46 mm	378 mm	25,40	1	894M-46
50 mm	413 mm	31,81	1	894M-50
55 mm	457 mm	37,58	1	894M-55
60 mm	492 mm	52,96	1	894M-60
65 mm	528 mm	63,53	1	894M-65
70 mm	573 mm	74,20	1	894M-70
75 mm	608 mm	127,79	1	894M-75
80 mm	644 mm	150,86	1	894M-80
85 mm	690 mm	184,14	1	894M-85
90 mm	690 mm	205,94	1	894M-90
95 mm	850 mm	313,27	1	894M-95
100 mm	1000 mm	319,36	1	894M-100
105 mm	1000 mm	417,14	1	894M-105
110 mm	1000 mm	466,12	1	894M-110
115 mm	1000 mm	528,69	1	894M-115
120 mm	1000 mm	556,07	1	894M-120
125 mm	1000 mm	641,65	1	894M-125
130 mm	1000 mm	664,74	1	894M-130
135 mm	1000 mm	745,28	1	894M-135





Chave de extremidade aberta para andaime métrico com acabamento em fosfato



### SC335M

Wrench Size	Length (L)	Price (€)	Quantity	Code
17 mm	320 mm	10,17	1	SC335M-17
19 mm	350 mm	14,78	1	SC335M-19
22 mm	350 mm	19,95	1	SC335M-22
24 mm	370 mm	21,76	1	SC335M-24
27 mm	370 mm	29,65	1	SC335M-27
30 mm	400 mm	37,05	1	SC335M-30
32 mm	400 mm	37,96	1	SC335M-32
36 mm	430 mm	43,13	1	SC335M-36
41 mm	470 mm	58,34	1	SC335M-41
46 mm	500 mm	73,63	1	SC335M-46

## CHAVE DE LUNETA

Chave de luneta dupla, offset



### 2M

Wrench Size	Length (L)	Price (€)	Quantity	Code
6x7 mm	165 mm	10,38	5	2M-6-7
8x9 mm	180 mm	11,37	5	2M-8-9
8x10 mm	180 mm	13,18	5	2M-8-10
10x11 mm	190 mm	12,03	5	2M-10-11
10x13 mm	190 mm	15,25	5	2M-10-13
12x13 mm	210 mm	12,93	5	2M-12-13
13x17 mm	243 mm	14,11	5	2M-13-17
14x15 mm	226 mm	13,71	5	2M-14-15
16x17 mm	246 mm	16,38	5	2M-16-17
16x18 mm	246 mm	19,57	5	2M-16-18
17x19 mm	266 mm	19,09	5	2M-17-19
18x19 mm	266 mm	19,09	5	2M-18-19
19x22 mm	291 mm	22,57	5	2M-19-22
20x22 mm	291 mm	23,42	5	2M-20-22
21x23 mm	306 mm	25,00	5	2M-21-23
22x24 mm	306 mm	27,27	5	2M-22-24
24x26 mm	326 mm	30,90	5	2M-24-26
24x27 mm	326 mm	31,38	5	2M-24-27
25x28 mm	336 mm	36,04	5	2M-25-28
27x29 mm	351 mm	37,07	5	2M-27-29
27x30 mm	351 mm	44,08	5	2M-27-30
27x32 mm	353 mm	44,08	5	2M-27-32

Wrench Size	Length (L)	Price (€)	Quantity	Code
30x32 mm	362 mm	43,95	5	2M-30-32
32x36 mm	402 mm	64,57	1	2M-32-36
36x41 mm	438 mm	76,69	1	2M-36-41
41x46 mm	485 mm	101,37	1	2M-41-46
46x50 mm	535 mm	125,12	1	2M-46-50

Chave de luneta dupla, offset



### ZZ

Wrench Size	Length (L)	Price (€)	Quantity	Code
1/4x5/16 in	165 mm	11,85	1	ZZ-1/4-5/16
5/16x3/8 in	180 mm	11,58	1	ZZ-5/16-3/8
3/8x7/16 in	190 mm	13,25	1	ZZ-3/8-7/16
1/2x9/16 in	210 mm	13,15	1	ZZ-1/2-9/16
9/16x5/8 in	225.8 mm	14,11	1	ZZ-9/16-5/8
5/8x11/16 in	245.5 mm	16,81	1	ZZ-5/8-11/16
3/4x7/8 in	290.5 mm	22,57	1	ZZ-3/4-7/8
13/16x7/8 in	290.5 mm	22,57	1	ZZ-13/16-7/8
15/16x1 in	325.8 mm	31,08	1	ZZ-15/16-1
1x1 1/8 in	335.9 mm	36,83	1	ZZ-1-1.1/8
1 1/16x1 1/4 in	353 mm	40,75	1	ZZ-1.1/16-1.1/4

Chave de luneta dupla



### 1300Z

Wrench Size	Length (L)	Price (€)	Quantity	Code
1/4x5/16 in	156 mm	26,56	1	1300Z-1/4-5/16
3/8x7/16 in	193 mm	26,56	1	1300Z-3/8-7/16
1/2x9/16 in	220 mm	29,18	1	1300Z-1/2-9/16
19/32x11/16 in	258 mm	33,64	1	1300Z-19/32-11/16
5/8x3/4 in	278 mm	35,83	1	1300Z-5/8-3/4
25/32x13/16 in	300 mm	49,52	1	1300Z-25/32-13/16
7/8x15/16 in	334 mm	41,01	1	1300Z-7/8-15/16
15/16x1 in	352 mm	53,43	1	1300Z-15/16-1
1x1.1/8 in	380 mm	69,67	1	1300Z-1-1.1/8

Conjunto chaves luneta offset, métricas



### 2M/S

Wrench Size	Price (€)	Quantity	Code
8	117,86	1	2M/S8

2M-6-7, 2M-8-9, 2M-10-11, 2M-12-13, 2M-14-15, 2M-16-17, 2M-18-19, 2M-20-22

Conjunto chaves luneta offset, métricas



### 2M/T

Wrench Size	Price (€)	Quantity	Code
8	122,05	1	2M/8T

2M-6-7, 2M-8-9, 2M-10-11, 2M-12-13, 2M-14-15, 2M-16-17, 2M-18-19, 2M-20-22

Jogo de chaves de luneta dupla, métrico



### 2M/10T

Wrench Size	Price (€)	Quantity	Code
10	180,51	1	2M/10T

2M-6-7, 2M-8-9, 2M-10-11, 2M-12-13, 2M-14-15, 2M-16-17, 2M-18-19, 2M-20-22, 2M-21-23, 2M-24-27

Conjunto de chaves de luneta dupla, offset, métrico



**2M/12T**

Quantidade	Preço	Unidade	Modelo
12	259,43	1	2M/12T

2M-6-7, 2M-8-9, 2M-10-11, 2M-12-13, 2M-14-15, 2M-16-17, 2M-18-19, 2M-20-22, 2M-21-23, 2M-24-27, 2M-25-28, 2M-30-32

Conjunto chaves luneta offset , polegadas



**2Z/T**

Quantidade	Preço	Unidade	Modelo
7	108,23	1	2Z/T

2Z-1/4-5/16, 2Z-5/16-3/8, 2Z-3/8-7/16, 2Z-1/2-9/16, 2Z-9/16-5/8, 2Z-5/8-11/16, 2Z-3/4-7/8

Chave de luneta direita



**4M**

Dimensão	Comprimento	Preço	Quantidade	Modelo
6x7 mm	95 mm	9,75	10	4M-6-7
8x 9 mm	110 mm	10,07	10	4M-8-9
10x11 mm	125 mm	11,19	10	4M-10-11

Dimensão	Comprimento	Preço	Quantidade	Modelo
12x13 mm	140 mm	12,23	10	4M-12-13
14x15 mm	155 mm	13,41	10	4M-14-15
16x17 mm	170 mm	14,42	10	4M-16-17
17x19 mm	170 mm	14,99	10	4M-17-19
18x19 mm	185 mm	14,99	10	4M-18-19
20x22 mm	205 mm	17,31	10	4M-20-22
21x23 mm	225 mm	18,96	5	4M-21-23
24x26 mm	250 mm	21,27	1	4M-24-26
24x27 mm	255 mm	21,27	1	4M-24-27
25x28 mm	275 mm	24,03	1	4M-25-28
27x29 mm	275 mm	28,83	1	4M-27-29
30x32 mm	300 mm	30,30	1	4M-30-32

Chave de luneta dupla, série longa, polegadas



**44Z**

Dimensão	Comprimento	Preço	Quantidade	Modelo
1/4x5/16 in	197 mm	21,36	10	44Z-1/4-5/16
5/16x3/8 in	238 mm	21,36	10	44Z-5/16-3/8
3/8x7/16 in	284 mm	24,61	10	44Z-3/8-7/16
7/16x1/2 in	326 mm	28,55	10	44Z-7/16-1/2
1/2x9/16 in	358 mm	33,89	10	44Z-1/2-9/16
5/8x3/4 in	401 mm	41,94	5	44Z-5/8-3/4
11/16x3/4 in	401 mm	41,94	5	44Z-11/16-3/4
11/16x13/16 in	410 mm	52,62	5	44Z-11/16-13/16

Chave de luneta curva



**1943M**

Dimensão	Comprimento	Preço	Quantidade	Modelo
11x13 mm	150 mm	27,99	1	1943M-11-13
13x15 mm	185 mm	29,82	1	1943M-13-15
13x17 mm	185 mm	31,48	1	1943M-13-17
14x17 mm	185 mm	32,09	1	1943M-14-17
15x17 mm	185 mm	32,41	1	1943M-15-17
19x22 mm	235 mm	34,34	1	1943M-19-22

Chave tubular em meia-lua, polegadas



**1943Z**

Dimensão	Comprimento	Preço	Quantidade	Modelo
5/16x3/8 in	153 mm	30,52	1	1943Z-5/16-3/8
7/16x1/2 in	153 mm	30,52	1	1943Z-7/16-1/2
9/16x5/8 in	186 mm	32,00	1	1943Z-9/16-5/8
5/8x3/4 in	233 mm	32,00	1	1943Z-5/8-3/4
11/16x13/16 in	233 mm	35,92	1	1943Z-11/16-13/16

Jogos de chaves de luneta direita



**4M/T**

Quantidade	Preço	Unidade	Modelo
10	178,83	1	4M/10T

4M-6-7, 4M-8-9, 4M-10-11, 4M-12-13, 4M-14-15, 4M-16-17, 4M-18-19, 4M-20-22, 4M-24-27, 4M-30-32

Conjunto chaves luneta planas, métrica



**4M/C**

Quantidade	Preço	Unidade	Modelo
10	161,00	1	4M/10C

4M-6-7, 4M-8-9, 4M-10-11, 4M-12-13, 4M-14-15, 4M-16-17, 4M-18-19, 4M-20-22, 4M-21-23, 4M-24-27



## Jogo de chaves de boca, métrico



### 4M/12C

Quantidade	Preço	Ícones	Código
12	216,17	€ [Ícones]	1 4M/12C

4M-6-7, 4M-8-9, 4M-10-11, 4M-12-13, 4M-14-15, 4M-16-17, 4M-18-19, 4M-20-22, 4M-21-23, 4M-24-27, 4M-25-28, 4M-30-32

## Conjunto 8 chaves luneta planas



### 4M/

Quantidade	Preço	Ícones	Código
8	120,17	€ [Ícones]	1 4M/8

4M-6-7, 4M-8-9, 4M-10-11, 4M-12-13, 4M-14-15, 4M-16-17, 4M-18-19, 4M-20-22

## CHAVE DE LUNETA ABERTA

### Chave de luneta aberta



### 1949M

Dimensões	Comprimento (L)	Preço	Ícones	Código
8x 9 mm	140 mm	23,21	[Ícones]	1 1949M-8-9
10x11 mm	150 mm	23,21	[Ícones]	1 1949M-10-11
10x12 mm	150 mm	24,09	[Ícones]	1 1949M-10-12

Dimensões	Comprimento (L)	Preço	Ícones	Código
12x13 mm	170 mm	24,81	[Ícones]	1 1949M-12-13
12x14 mm	170 mm	26,03	[Ícones]	1 1949M-12-14
14x15 mm	170 mm	26,03	[Ícones]	1 1949M-14-15
14x17 mm	200 mm	26,03	[Ícones]	1 1949M-14-17
17x19 mm	210 mm	35,57	[Ícones]	1 1949M-17-19
19x22 mm	220 mm	35,57	[Ícones]	1 1949M-19-22
22x24 mm	235 mm	40,71	[Ícones]	1 1949M-22-24
24x27 mm	255 mm	51,46	[Ícones]	1 1949M-24-27
30x32 mm	280 mm	63,70	[Ícones]	1 1949M-30-32

## Chave de luneta aberta



### 1949Z

Dimensões	Comprimento (L)	Preço	Ícones	Código
3/8x7/16 in	150 mm	25,01	[Ícones]	1 1949Z-3/8-7/16
1/2x9/16 in	170 mm	28,08	[Ícones]	1 1949Z-1/2-9/16
5/8x3/4 in	210 mm	31,46	[Ícones]	1 1949Z-5/8-3/4
3/4x7/8 in	220 mm	33,95	[Ícones]	1 1949Z-3/4-7/8
1x1 1/8 in	255 mm	56,66	[Ícones]	1 1949Z-1-1.1/8

## Chave de porcas ajustável de 1/4"



### 679-

Dimensões	Preço	Ícones	Código
7 mm	45,02	[Ícones]	1 679-7
8 mm	45,02	[Ícones]	1 679-8
9 mm	45,97	[Ícones]	1 679-9
10 mm	50,06	[Ícones]	1 679-10
11 mm	45,02	[Ícones]	1 679-11
12 mm	50,47	[Ícones]	1 679-12
13 mm	50,71	[Ícones]	1 679-13
14 mm	54,60	[Ícones]	1 679-14
3/8 in	42,86	[Ícones]	1 679-3/8
7/16 in	42,86	[Ícones]	1 679-7/16
1/2 in	42,86	[Ícones]	1 679-1/2
9/16 in	42,86	[Ícones]	1 679-9/16

## Chave de porcas ajustável de 3/8"



### 749-

Dimensões	Preço	Ícones	Código
10 mm	15,66	[Ícones]	10 749-10
11 mm	15,66	[Ícones]	10 749-11
13 mm	4,53	[Ícones]	10 749-13
14 mm	17,00	[Ícones]	10 749-14
15 mm	57,76	[Ícones]	1 749-15
16 mm	51,20	[Ícones]	1 749-16
17 mm	64,45	[Ícones]	1 749-17
18 mm	51,20	[Ícones]	1 749-18
19 mm	64,45	[Ícones]	1 749-19
20 mm	53,58	[Ícones]	1 749-20
21 mm	65,78	[Ícones]	1 749-21
22 mm	65,78	[Ícones]	1 749-22
23 mm	58,95	[Ícones]	1 749-23
24 mm	59,72	[Ícones]	1 749-24
25 mm	60,14	[Ícones]	1 749-25
26 mm	74,51	[Ícones]	1 749-26
27 mm	73,51	[Ícones]	1 749-27
3/8 in	50,00	[Ícones]	1 749-3/8
7/16 in	50,00	[Ícones]	1 749-7/16
1/2 in	50,91	[Ícones]	1 749-1/2
9/16 in	53,73	[Ícones]	1 749-9/16
5/8 in	53,95	[Ícones]	1 749-5/8
11/16 in	53,95	[Ícones]	1 749-11/16
3/4 in	53,95	[Ícones]	1 749-3/4
13/16 in	53,95	[Ícones]	1 749-13/16
7/8 in	53,46	[Ícones]	1 749-7/8
15/16 in	54,78	[Ícones]	1 749-15/16
1 in	54,78	[Ícones]	1 749-1
1.1/16 in	54,78	[Ícones]	1 749-1.1/16
1.1/8 in	54,78	[Ícones]	1 749-1.1/8
1.3/16 in	59,87	[Ícones]	1 749-1.3/16
1.1/4 in	63,21	[Ícones]	1 749-1.1/4
1.5/16 in	81,86	[Ícones]	1 749-1.5/16
1.3/8 in	84,70	[Ícones]	1 749-1.3/8
1.7/16 in	86,37	[Ícones]	1 749-1.7/16
1.1/2 in	100,50	[Ícones]	1 749-1.1/2
1.9/16 in	102,49	[Ícones]	1 749-1.9/16
1.5/8 in	106,71	[Ícones]	1 749-1.5/8
1.11/16 in	106,71	[Ícones]	1 749-1.11/16
1.3/4 in	120,52	[Ícones]	1 749-1.3/4
1.13/16 in	123,63	[Ícones]	1 749-1.13/16
1.7/8 in	123,63	[Ícones]	1 749-1.7/8
1.15/16 in	132,68	[Ícones]	1 749-1.15/16
2 in	137,20	[Ícones]	1 749-2
2.1/8 in	143,40	[Ícones]	1 749-2.1/8
2.3/16 in	143,40	[Ícones]	1 749-2.3/16
2.1/4 in	143,40	[Ícones]	1 749-2.1/4
2.3/8 in	150,20	[Ícones]	1 749-2.3/8
2.5/8 in	167,69	[Ícones]	1 749-2.5/8
2.3/4 in	167,69	[Ícones]	1 749-2.3/4
3.1/8 in	239,94	[Ícones]	1 749-3.1/8

Chave de porcas ajustável de 1/2"



**789-**

mm	in	€	1	789-28
28 mm	1/2 in	63,12	1	789-28
30 mm	1/2 in	80,13	1	789-30
32 mm	1/2 in	84,14	1	789-32
34 mm	1/2 in	67,87	1	789-34
36 mm	1/2 in	90,84	1	789-36
38 mm	1/2 in	75,02	1	789-38
40 mm	1/2 in	84,55	1	789-40
41 mm	1/2 in	111,02	1	789-41
42 mm	1/2 in	84,55	1	789-42
46 mm	1/2 in	123,58	1	789-46
50 mm	1/2 in	110,15	1	789-50
1.1/8 in	1/2 in	54,78	1	789-1.1/8
1.1/4 in	1/2 in	59,54	1	789-1.1/4
1.5/16 in	1/2 in	63,12	1	789-1.5/16
1.3/8 in	1/2 in	63,12	1	789-1.3/8
1.7/16 in	1/2 in	68,47	1	789-1.7/16
1.1/2 in	1/2 in	68,47	1	789-1.1/2
1.9/16 in	1/2 in	78,58	1	789-1.9/16
1.5/8 in	1/2 in	78,58	1	789-1.5/8
1.3/4 in	1/2 in	91,08	1	789-1.3/4
1.13/16 in	1/2 in	91,08	1	789-1.13/16
2 in	1/2 in	98,83	1	789-2
2.1/4 in	1/2 in	110,75	1	789-2.1/4
2.5/16 in	1/2 in	133,36	1	789-2.5/16
2.3/8 in	1/2 in	138,13	1	789-2.3/8

Cabeça de chave ajustável 3/8"



**1950MZ**

mm	in	€	1	1950MZ-3/8
0-29/0-1.1/8 in		77,02	1	1950MZ-3/8

**CHAVES DE BOCAS**

Chave de luneta de pancada



**7444SG-M**

mm	€	1	7444SG-M-24
24 mm	36,28	1	7444SG-M-24
27 mm	39,46	1	7444SG-M-27
30 mm	40,66	1	7444SG-M-30
32 mm	40,66	1	7444SG-M-32
34 mm	59,56	1	7444SG-M-34
36 mm	51,91	1	7444SG-M-36
38 mm	61,09	1	7444SG-M-38
41 mm	66,28	1	7444SG-M-41
42 mm	66,28	1	7444SG-M-42
46 mm	72,64	1	7444SG-M-46
50 mm	81,67	1	7444SG-M-50
55 mm	93,40	1	7444SG-M-55
60 mm	98,45	1	7444SG-M-60
65 mm	131,94	1	7444SG-M-65
70 mm	152,58	1	7444SG-M-70
75 mm	163,84	1	7444SG-M-75
80 mm	217,98	1	7444SG-M-80
85 mm	291,91	1	7444SG-M-85
90 mm	381,65	1	7444SG-M-90
95 mm	421,68	1	7444SG-M-95
100 mm	474,87	1	7444SG-M-100
105 mm	535,71	1	7444SG-M-105
110 mm	590,67	1	7444SG-M-110
115 mm	679,84	1	7444SG-M-115
120 mm	989,69	1	7444SG-M-120
125 mm	1.280,31	1	7444SG-M-125
130 mm	1.392,43	1	7444SG-M-130
135 mm	1.436,30	1	7444SG-M-135
140 mm	1.628,91	1	7444SG-M-140
145 mm	2.261,60	1	7444SG-M-145
150 mm	2.380,87	1	7444SG-M-150
155 mm	2.585,00	1	7444SG-M-155
160 mm	2.739,29	1	7444SG-M-160
165 mm	2.909,95	1	7444SG-M-165
170 mm	3.198,45	1	7444SG-M-170
175 mm	3.431,08	1	7444SG-M-175

Chave Luneta Pancada polegadas



**7444SG-Z**

in	€	1	7444SG-Z-1.1/16
1 1/16 in	43,41	1	7444SG-Z-1.1/16
1 1/8 in	44,73	1	7444SG-Z-1.1/8
1 3/16 in	44,73	1	7444SG-Z-1.3/16

in	€	1	7444SG-Z-1.1/4
1 1/4 in	44,73	1	7444SG-Z-1.1/4
1 5/16 in	65,54	1	7444SG-Z-1.5/16
1 3/8 in	65,54	1	7444SG-Z-1.3/8
1 7/16 in	65,54	1	7444SG-Z-1.7/16
1 1/2 in	67,19	1	7444SG-Z-1.1/2
1 5/8 in	72,90	1	7444SG-Z-1.5/8
1 11/16 in	72,90	1	7444SG-Z-1.11/16
1 3/4 in	79,91	1	7444SG-Z-1.3/4
1 13/16 in	79,91	1	7444SG-Z-1.13/16
1 7/8 in	89,83	1	7444SG-Z-1.7/8
2 in	89,83	1	7444SG-Z-2
2 1/16 in	102,75	1	7444SG-Z-2.1/16
2 1/8 in	108,32	1	7444SG-Z-2.1/8
2 3/16 in	108,32	1	7444SG-Z-2.3/16
2 1/4 in	108,32	1	7444SG-Z-2.1/4
2 3/8 in	133,79	1	7444SG-Z-2.3/8
2 9/16 in	167,85	1	7444SG-Z-2.9/16
2 5/8 in	167,85	1	7444SG-Z-2.5/8
2 3/4 in	167,85	1	7444SG-Z-2.3/4
3 in	180,23	1	7444SG-Z-3
3 1/8 in	285,36	1	7444SG-Z-3.1/8
3 3/8 in	321,10	1	7444SG-Z-3.3/8
3 1/2 in	419,82	1	7444SG-Z-3.1/2
3 3/4 in	463,86	1	7444SG-Z-3.3/4
3 7/8 in	522,38	1	7444SG-Z-3.7/8
4 in	589,27	1	7444SG-Z-4
4 1/8 in	589,27	1	7444SG-Z-4.1/8
4 1/2 in	747,83	1	7444SG-Z-4.1/2

Chave de impacto



**133SGM**

mm	€	1	133SGM-27
27 mm	28,92	1	133SGM-27
30 mm	33,95	1	133SGM-30
32 mm	36,01	1	133SGM-32
36 mm	46,40	1	133SGM-36
41 mm	56,88	1	133SGM-41
46 mm	76,60	1	133SGM-46
50 mm	87,27	1	133SGM-50
55 mm	101,79	1	133SGM-55
60 mm	113,12	1	133SGM-60
65 mm	141,75	1	133SGM-65
70 mm	182,61	1	133SGM-70
75 mm	195,53	1	133SGM-75
80 mm	255,35	1	133SGM-80
85 mm	268,27	1	133SGM-85
90 mm	342,57	1	133SGM-90
95 mm	360,37	1	133SGM-95
100 mm	552,66	1	133SGM-100
105 mm	617,31	1	133SGM-105
110 mm	673,88	1	133SGM-110
115 mm	788,62	1	133SGM-115
120 mm	801,55	1	133SGM-120



### Chave de Luneta de pancada 45°



#### 315M

	€		
27 mm	75,44	1	315M-27
30 mm	76,87	1	315M-30
32 mm	75,44	1	315M-32
36 mm	104,43	1	315M-36
41 mm	107,36	1	315M-41
46 mm	139,28	1	315M-46
50 mm	156,67	1	315M-50
55 mm	179,89	1	315M-55
60 mm	232,10	1	315M-60
65 mm	264,01	1	315M-65
70 mm	307,54	1	315M-70
75 mm	319,16	1	315M-75
80 mm	368,46	1	315M-80

### Chave Luneta de Pancada 45° Polegadas



#### 315Z

	€		
1.1/16 in	69,63	1	315Z-1.1/16
1.1/8 in	69,63	1	315Z-1.1/8
1.3/16 in	72,54	1	315Z-1.3/16
1.1/4 in	75,44	1	315Z-1.1/4
1.5/16 in	78,34	1	315Z-1.5/16
1.3/8 in	98,63	1	315Z-1.3/8
1.7/16 in	92,59	1	315Z-1.7/16
1.1/2 in	94,21	1	315Z-1.1/2
1.5/8 in	110,26	1	315Z-1.5/8
1.11/16 in	113,17	1	315Z-1.11/16
1.3/4 in	121,86	1	315Z-1.3/4
1.13/16 in	124,75	1	315Z-1.13/16
1.7/8 in	133,46	1	315Z-1.7/8
1.15/16 in	136,34	1	315Z-1.15/16
2 mm	136,34	1	315Z-2
2.1/16 in	139,28	1	315Z-2.1/16
2.1/8 in	140,63	1	315Z-2.1/8
2.3/16 in	152,36	1	315Z-2.3/16
2.1/4 in	159,57	1	315Z-2.1/4
2.5/16 in	162,47	1	315Z-2.5/16
2.3/8 in	168,29	1	315Z-2.3/8
2.1/2 in	205,99	1	315Z-2.1/2
2.9/16 in	211,80	1	315Z-2.9/16
2.5/8 in	214,71	1	315Z-2.5/8

	€		
2.3/4 in	214,71	1	315Z-2.3/4
2.7/8 in	255,32	1	315Z-2.7/8
2.15/16 in	258,21	1	315Z-2.15/16
3 mm	264,01	1	315Z-3
3.1/8 in	269,82	1	315Z-3.1/8

### Chave de luneta curva para trabalhos pesados



#### 310M

	€		
24 mm	56,13	1	310M-24
27 mm	56,13	1	310M-27
30 mm	56,13	1	310M-30
32 mm	59,59	1	310M-32
36 mm	68,16	1	310M-36
38 mm	82,01	1	310M-38
41 mm	83,76	1	310M-41
46 mm	93,39	1	310M-46
50 mm	112,45	1	310M-50
55 mm	125,86	1	310M-55
60 mm	154,83	1	310M-60
65 mm	175,07	1	310M-65
70 mm	190,84	1	310M-70
75 mm	208,17	1	310M-75
80 mm	228,69	1	310M-80
85 mm	246,05	1	310M-85
90 mm	488,93	1	310M-90
95 mm	529,93	1	310M-95

### Cabo tubular



#### R310

	€		
24-30 mm	19 mm	42,83	1 R310-0
32-41 mm	22 mm	48,30	1 R310-1
46-55 mm	25 mm	71,58	1 R310-2
60-95 mm	30 mm	91,48	1 R310-3

## CHAVES DE CAIXA

### Chaves duplas de cachimbo



#### 28M

	€		
6 mm	6 mm	14,75	5 28M-6
7 mm	7 mm	15,36	5 28M-7
8 mm	8 mm	12,64	5 28M-8
9 mm	9 mm	12,52	5 28M-9
10 mm	10 mm	13,21	5 28M-10
11 mm	11 mm	13,80	5 28M-11
12 mm	12 mm	14,63	5 28M-12
13 mm	13 mm	15,71	5 28M-13
14 mm	14 mm	18,00	5 28M-14
15 mm	15 mm	19,07	5 28M-15
16 mm	16 mm	20,11	5 28M-16
17 mm	17 mm	20,93	5 28M-17
18 mm	18 mm	25,25	3 28M-18
19 mm	19 mm	26,65	3 28M-19
20 mm	20 mm	28,56	3 28M-20
21 mm	21 mm	31,05	3 28M-21
22 mm	22 mm	36,06	3 28M-22
23 mm	23 mm	37,55	3 28M-23
24 mm	24 mm	39,80	3 28M-24
25 mm	25 mm	45,42	3 28M-25
26 mm	26 mm	49,33	3 28M-26
27 mm	27 mm	53,87	3 28M-27
28 mm	28 mm	62,03	1 28M-28
29 mm	29 mm	70,73	1 28M-29
30 mm	30 mm	80,27	1 28M-30
32 mm	32 mm	95,67	1 28M-32
6 mm	6 mm	11,65	10 SB28M-6
7 mm	7 mm	12,10	10 SB28M-7
8 mm	8 mm	12,65	10 SB28M-8
9 mm	9 mm	13,10	10 SB28M-9
10 mm	10 mm	13,79	10 SB28M-10
11 mm	11 mm	14,54	10 SB28M-11
12 mm	12 mm	15,39	10 SB28M-12
13 mm	13 mm	16,26	10 SB28M-13
14 mm	14 mm	19,05	10 SB28M-14
15 mm	15 mm	20,13	10 SB28M-15
16 mm	16 mm	21,20	5 SB28M-16
17 mm	17 mm	21,37	5 SB28M-17
18 mm	18 mm	26,43	5 SB28M-18
19 mm	19 mm	27,86	5 SB28M-19
20 mm	20 mm	29,79	4 SB28M-20
21 mm	21 mm	32,32	4 SB28M-21
22 mm	22 mm	37,45	4 SB28M-22
23 mm	23 mm	38,94	4 SB28M-23
24 mm	24 mm	41,23	4 SB28M-24

Chaves de Cachimbo, Milímetros hexagonal x hexagonal



**29M**

Ø	€	Icon	Icon
6 mm	14,75	5	29M-6
7 mm	15,36	5	29M-7
8 mm	13,22	5	29M-8
9 mm	13,13	5	29M-9
10 mm	13,21	5	29M-10
11 mm	13,71	5	29M-11
12 mm	14,85	5	29M-12
13 mm	15,40	5	29M-13
14 mm	18,00	5	29M-14
15 mm	19,07	5	29M-15
16 mm	20,11	5	29M-16
17 mm	20,29	5	29M-17
18 mm	25,25	3	29M-18
19 mm	26,65	3	29M-19
20 mm	28,56	3	29M-20
21 mm	31,05	3	29M-21
22 mm	36,06	3	29M-22
23 mm	37,55	3	29M-23
24 mm	39,80	3	29M-24
25 mm	45,42	3	29M-25
26 mm	49,33	3	29M-26
27 mm	53,87	3	29M-27
28 mm	62,03	1	29M-28
29 mm	70,73	1	29M-29
30 mm	80,27	1	29M-30
32 mm	95,67	1	29M-32

hexagonal x hexagonal

Jogos de chaves duplas de cachimbo



**28M/**

Icon	€	Icon	Icon
8	145,69	1	28M/8

28M-8, 28M-10, 28M-11, 28M-13, 28M-16, 28M-17, 28M-18, 28M-19

Jogo de chaves de caixa dupla



**28M/11**

Icon	€	Icon	Icon
11	200,05	1	28M/11

28M-8, 28M-9, 28M-10, 28M-11, 28M-13, 28M-12, 28M-14, 28M-15, 28M-17, 28M-19, 28M-22

Jogo de chaves de caixa dupla



**28M/12**

Icon	€	Icon	Icon
12	209,34	1	28M/12

28M-8, 28M-9, 28M-10, 28M-11, 28M-12, 28M-13, 28M-14, 28M-15, 28M-16, 28M-17, 28M-18, 28M-19

Jogo de chaves de caixa dupla



**28M/15**

Icon	€	Icon	Icon
15	316,26	1	28M/15

28M-8, 28M-9, 28M-10, 28M-11, 28M-12, 28M-13, 28M-14, 28M-15, 28M-16, 28M-17, 28M-18, 28M-19, 28M-21, 28M-22, 28M-24

Jogo Chaves Duplas de Cachimbo



**29M/**

Icon	€	Icon	Icon
8	158,79	1	29M/8

29M-8, 29M-10, 29M-12, 29M-13, 29M-14, 29M-17, 29M-19, 29M-22

Jogo de chaves de caixa dupla



**29M/10**

Icon	€	Icon	Icon
10	178,12	1	29M/10

29M-8, 29M-10, 29M-11, 29M-12, 29M-13, 29M-14, 29M-16, 29M-17, 29M-18, 29M-19

Conjunto de chaves de caixa dupla



**29M/14**

Icon	€	Icon	Icon
14	309,50	1	29M/14

29M-11, 29M-12, 29M-13, 29M-14, 29M-8, 29M-9, 29M-10, 29M-16, 29M-17, 29M-21, 29M-22, 29M-19, 29M-24, 29M-23



## Chave tubular



### 1936M

Ø	€	📦	🐟
6x7 mm	6,01	50	1936M-6-7
8x9 mm	6,96	5	1936M-8-9
8x10 mm	8,16	30	1936M-8-10
10x11 mm	8,16	25	1936M-10-11
10x13 mm	8,91	25	1936M-10-13
12x13 mm	8,91	25	1936M-12-13
13x17 mm	10,37	20	1936M-13-17
14x15 mm	9,41	20	1936M-14-15
14x17 mm	10,21	15	1936M-14-17
16x17 mm	10,21	15	1936M-16-17
17x19 mm	12,18	10	1936M-17-19
18x19 mm	12,18	10	1936M-18-19
19x22 mm	13,42	8	1936M-19-22
20x22 mm	13,55	8	1936M-20-22
21x23 mm	15,52	8	1936M-21-23
22x24 mm	16,41	5	1936M-22-24
24x26 mm	17,26	5	1936M-24-26
24x27 mm	17,26	5	1936M-24-27
25x28 mm	19,02	5	1936M-25-28
30x32 mm	22,35	1	1936M-30-32
30x34 mm	34,37	4	1936M-30-34
36x41 mm	34,63	4	1936M-36-41
46x50 mm	68,96	2	1936M-46-50

## Chaves Tubulares Milímetros



### 27M

Ø	€	📦	🐟
6x7 mm	13,27	10	27M-6-7
8x9 mm	13,41	10	27M-8-9
10x11 mm	14,24	10	27M-10-11
12x13 mm	16,82	10	27M-12-13
13x17* mm	22,41	10	27M-13-17
14x15 mm	18,80	10	27M-14-15
16x17* mm	21,81	10	27M-16-17
16x18* mm	23,19	10	27M-16-18
18x19* mm	26,05	10	27M-18-19
20x22* mm	29,72	10	27M-20-22
21x23* mm	33,05	5	27M-21-23
21x24* mm	34,52	5	27M-21-24
24x26* mm	35,30	5	27M-24-26

# BAHCO

Ø	€	📦	🐟
24x27* mm	35,92	5	27M-24-27
25x28* mm	40,60	5	27M-25-28
27x29* mm	46,37	5	27M-27-29
30x32* mm	51,96	5	27M-30-32
6x7 mm	14,42	10	SB27M-6-7
8x9 mm	14,56	10	SB27M-8-9
10x11 mm	15,39	10	SB27M-10-11
12x13 mm	18,00	10	SB27M-12-13
14x15 mm	19,95	10	SB27M-14-15
16x17* mm	22,99	10	SB27M-16-17
18x19* mm	27,22	10	SB27M-18-19
20x22* mm	30,84	10	SB27M-20-22
21x23* mm	34,18	5	SB27M-21-23
24x26* mm	37,94	5	SB27M-24-26

## Jogos de chaves tubulares



### 1936M/

🔑	€	📦	🐟
7	105,29	1	1936M/7

1936M-8-9, 1936M-10-11, 1936M-12-13, 1936M-14-15, 1936M-16-17, 1936M-18-19, 1936M-20-22	🔑	📦	🐟
26S-610	🔑	📦	🐟

## Jogo de chaves de luneta, métrico



### 1936M/12

🔑	€	📦	🐟
12	185,35	1	1936M/12

1936M-6-7, 1936M-8-9, 1936M-10-11, 1936M-12-13, 1936M-14-15, 1936M-16-17, 1936M-18-19, 1936M-20-22, 1936M-21-23, 1936M-24-27, 1936M-25-28, 1936M-30-32	🔑	📦	🐟
26S-610, 26S-1216, 26S-16	🔑	📦	🐟

## Jogo de Chaves Tubulares métricas



### 27M/T

🔑	€	📦	🐟
8	158,28	1	27M/8T

27M-6-7, 27M-8-9, 27M-10-11, 27M-12-13, 27M-14-15, 27M-16-17, 27M-18-19, 27M-20-22	🔑	📦	🐟
------------------------------------------------------------------------------------	---	---	---

## Jogo de chaves de caixa dupla, métrico



### 27M/12T

🔑	€	📦	🐟
12	321,27	1	27M/12T

27M-6-7, 27M-8-9, 27M-10-11, 27M-12-13, 27M-14-15, 27M-16-17, 27M-18-19, 27M-20-22, 27M-21-23, 27M-24-26, 27M-25-28, 27M-30-32	🔑	📦	🐟
--------------------------------------------------------------------------------------------------------------------------------	---	---	---

## Jogo Chaves Tubulares



### 27M/

🔑	€	📦	🐟
6	98,35	1	27M/6

27M-6-7, 27M-8-9, 27M-10-11, 27M-12-13, 27M-14-15, 27M-16-17	🔑	📦	🐟
--------------------------------------------------------------	---	---	---

Jogo de chaves de caixa dupla, métrico



**27M/8**

	€		
8	154,09	1	27M/8

27M-6-7, 27M-8-9, 27M-10-11, 27M-12-13, 27M-14-15, 27M-16-17, 27M-18-19, 27M-20-22



Jogo de chaves de caixa dupla, métrico



**27M/10**

	€		
10	222,42	1	27M/10

27M-6-7, 27M-8-9, 27M-10-11, 27M-12-13, 27M-14-15, 27M-16-17, 27M-18-19, 27M-20-22, 27M-21-23, 27M-24-26



Jogo de chaves de caixa dupla, métrico



**27M/12**

	€		
12	315,00	1	27M/12

27M-6-7, 27M-8-9, 27M-10-11, 27M-12-13, 27M-14-15, 27M-16-17, 27M-18-19, 27M-20-22, 27M-21-23, 27M-24-26, 27M-25-28, 27M-30-32



Passador escalonado



**26S**

	€		
6 8 10 mm	11,34	10	26S-610
12 14 mm	26,48	8	26S-1216
16 mm	7,55	5	26S-16

Chaves tubulares duplas, articuladas



**4040M**

	€		
6x7 mm	38,95	1	4040M-6-7
8x9 mm	39,89	1	4040M-8-9
10x11 mm	40,76	1	4040M-10-11
10x13 mm	45,27	1	4040M-10-13
12x13 mm	42,45	1	4040M-12-13
13x17 mm	44,25	1	4040M-13-17
14x15 mm	44,50	1	4040M-14-15
16x17 mm	48,56	1	4040M-16-17
16x18 mm	50,02	1	4040M-16-18
18x19 mm	55,34	1	4040M-18-19
20x22 mm	65,74	1	4040M-20-22
21x23 mm	68,49	1	4040M-21-23

Chave tubular dupla articulada



**4040Z**

	€		
3/8x7/16 in	39,35	1	4040Z-3/8-7/16
1/2x9/16 in	43,70	1	4040Z-1/2-9/16
5/8x11/16 in	46,58	1	4040Z-5/8-11/16
5/8x3/4 in	49,72	1	4040Z-5/8-3/4
13/16x7/8 in	57,12	1	4040Z-13/16-7/8

Chaves tubulares duplas articuladas, métrico



**4040M/S6**

	€		
6	283,48	1	4040M/S6

4040M-8-9, 4040M-10-11, 4040M-12-13, 4040M-14-15, 4040M-16-17, 4040M-18-19



Jogos de chaves tubulares duplas articuladas



**4040M/6T**

	€		
6	267,07	1	4040M/6T

4040M-8-9, 4040M-10-11, 4040M-12-13, 4040M-14-15, 4040M-16-17, 4040M-18-19



**CHAVES MULTIFUNÇÕES**

5 em 1 chave para quadro eléctrico



**MK5**

	€		
97x25 mm	27,48	1	MK5

PROFILES: Square: 5,6,7-8mm Triangular: 9mm Two-way-key: 3-5mm





9 em 1 chave para quadro Electrico



### MK9

Diagram	€	Icons	Quantity	Model
			1	MK9

95x95 mm **41,89**

Square: 5,6,7,8,9-10mm Triangular:7,8-9,10-11mm Two-way-key: 3-5mm Half-moon: 6mm

## CHAVES DE BOCAS DE GANCHO

Chave de gancho para porcas com furos laterais



### 4106

Diagram	€	Icons	Quantity	Model

19-50 mm	<b>27,36</b>	10	4106-19-50
32-75 mm	<b>39,88</b>	25	4106-32-75
50-120 mm	<b>40,80</b>	25	4106-50-120
115-165 mm	<b>39,42</b>	25	4106-115-165
150-230 mm	<b>88,11</b>	10	4106-150-230

Chave de gancho para porcas com furos laterais



### 40B

Diagram	€	Icons	Quantity	Model

19-50 mm	<b>24,23</b>	25	40B-19-50
32-75 mm	<b>35,47</b>	25	40B-32-75
50-120 mm	<b>44,73</b>	20	40B-50-120
115-165 mm	<b>60,81</b>	25	40B-115-165
150-230 mm	<b>61,83</b>	10	40B-150-230

Chave com esporões ajustáveis



### 4307/4310

Diagram	€	Icons	Quantity	Model

10-50 mm	<b>76,55</b>	1	4307
22-100 mm	<b>103,45</b>	1	4310

Pino de substituição para chaves de gancho de pinos ajustáveis



### 40B-SP

Diagram	€	Icons	Quantity	Model

40B-19-50	<b>3,61</b>	1	40B-19-50-SP
40B-32-75	<b>3,61</b>	1	40B-32-75-SP
40B-50-120	<b>4,27</b>	1	40B-50-120-SP
40B-115-165	<b>4,27</b>	1	40B-115-165-SP



[www.bahco.com](http://www.bahco.com)

M-280-PRI-24



7 314150 546787

Preços valido só em Portugal