

1.5 parts

1.5.3 machine heads

1.5.3.1 machine heads for classic guitar

Boston



machine heads for classic guitar, double drilled metal shaft, 3x left+3x right, 70mm

9410 **028-2** 70mm



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm, nickel

983 **129** nickel, pearloid buttons
11054 **129-G** gold, pearloid buttons



machine heads for classic guitar, double drilled metal shaft, 3x left+3x right, 70mm

11993 **028-2M** 70mm, metal buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm, nickel

984 **129-P** nickel, pearloid buttons
14630 **129-PG** gold, pearloid buttons



machine heads for classic guitar, double drilled metal shaft, 3x left+3x right, 70mm

11044 **028** 70mm



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm, nickel

14631 **129-B** nickel, butterfly buttons
11053 **129-BG** gold, butterfly buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm

982 **128** plastic buttons
11048 **128-P** pearloid buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm

11994 **130-SB** solid brass, wood buttons

1.5 parts

1.5.3 machine heads

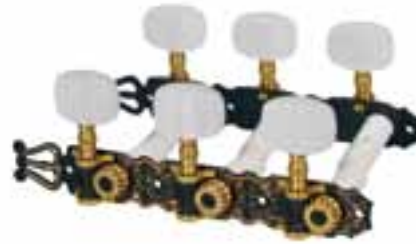
1.5.3.1 machine heads for classic guitar

Boston



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm, pearloid buttons

14639 **131** nickel
11995 **131-G** gold



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm

986 **132-PBE** pearloid, black engraved



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm, pearloid buttons

14632 **131-P** nickel, pearloid buttons
14633 **131-PG** gold, pearloid buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm

31743 **133-IM** ivory colored buttons, brass



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm, pearloid buttons

14634 **131-B** nickel, butterfly buttons
14635 **131-BG** gold, butterfly buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right, 71mm, geared, pearl buttons

21578 **134-PAG** pearl amber buttons
21579 **134-PWG** pearl white buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right, 70mm

18868 **135-PW** chrome, pearloid buttons



machine heads for classic guitar, nylon shaft, 3x left+3x right

988 **155-LR** plastic buttons

1.5 parts

Boston

1.5.3 machine heads

1.5.3.2 machine heads for acoustic/ electric guitar



machine heads for guitar, metal shaft

- 989 **055-LR** 3x left+3x right, plastic buttons
11045 **055-2LR** double drilled metal shaft, 3x left+3x right, plastic buttons



machine heads for guitar, metal shaft, metal buttons, with cover

- 16439 **059-CLR** 3x left+3x right, chrome
16440 **059-GLR** 3x left+3x right, gold
16441 **059-BLR** 3x left+3x right, black
16442 **059-CL** 6x left, chrome
16443 **059-GL** 6x left, gold
16444 **059-BL** 6x left, black
16445 **059-CR** 6x right, chrome
16446 **059-GR** 6x right, gold
16447 **059-BR** 6x right



machine heads for guitar, metal shaft, metal buttons

- 6750 **056-LR** 3x left+3x right
14636 **056-L** 6x left
14637 **056-R** 6x right



machine heads for guitar, metal shaft, metal buttons, with cover

- 990 **057-LR** 3x left+3x right
991 **057-L** 6x left
14638 **057-R** 6x right



machine heads for guitar, vintage style

- 16448 **60-NLR** 3x left+3x right, nickel
16449 **60-GLR** 3x left+3x right, gold



machine heads for guitar, metal shaft, metal buttons, with cover

- 16436 **058-CLR** 3x left+3x right, chrome
16437 **058-GLR** 3x left+3x right, gold
16438 **058-BLR** 3x left+3x right, black



machine heads for guitar, vintage style, metal buttons

- 21265 **62-NL** 6x left, nickel
21266 **62-CL** 6x left, chrome
21267 **62-GL** 6x left, gold
21545 **62-NLR** 3x left+3x right, nickel
21546 **62-CLR** 3x left+3x right, chrome
21547 **62-GLR** 3x left+3x right, gold

1.5 parts

1.5.3 machine heads

1.5.3.2 machine heads for acoustic/ electric guitar

Boston



Wilkinson machine heads for guitar, die cast, low gearing 19:1

30958	191-CL	6x left, chrome
30959	191-GL	6x left, gold
30960	191-BL	6x left, black
30951	191-CLR	3x left+3x right, chrome
30953	191-GLR	3x left+3x right, gold
30954	191-BLR	3x left+3x right, black



machine heads for guitar, die cast

26051	78-CLR	3x left+3x right, chrome
26052	78-GLR	3x left+3x right, gold
26053	78-BLR	3x left+3x right, black



machine heads for guitar, die cast

992	70-CLR	3x left+3x right, chrome
993	70-GLR	3x left+3x right, gold
8436	70-BLR	3x left+3x right, black



machine heads for guitar, die cast, deluxe buttons

23571	79-CLR	3x left+3x right, chrome
23572	79-GLR	3x left+3x right, gold
23573	79-BLR	3x left+3x right, black



machine heads for guitar, die cast, "GRV"-style

21580	71-CLR	3x left+3x right, chrome
21581	71-GLR	3x left+3x right, gold
21582	71-BLR	3x left+3x right, black



machine heads for guitar, die cast, small

994	72-CL	6x left, chrome
8501	72-GL	6x left, gold
8437	72-BL	6x left, black
14323	72-CR	6x right, chrome
14325	72-GR	6x right, gold
14324	72-BR	6x right, black



machine heads for guitar, die cast

26048	81-CLR	3x left+3x right, chrome
26049	81-GLR	3x left+3x right, gold
26050	81-BLR	3x left+3x right, black



machine heads for guitar, die cast

21583	73-CLR	3x left+3x right, chrome
21584	73-GLR	3x left+3x right, gold
21585	73-BLR	3x left+3x right, black

1.5 parts

1.5.3 machine heads

1.5.3.2 machine heads for acoustic/ electric guitar

Boston



machine heads for guitar, die cast

16450	74-CLR	3x left+3x right, chrome, amber pearloid buttons
16451	74-GLR	3x left+3x right, gold, deluxe buttons
16452	74-BLR	3x left+3x right, black, deluxe buttons



machine heads for guitar, die cast, small buttons

26054	77-CL	6x left, chrome
26055	77-GL	6x left, gold
26056	77-BL	6x left, black
26057	77-CR	6x right, chrome
26058	77-GR	6x right, gold
26059	77-BR	6x right, black
26060	77-CLR	3x left+3x right, chrome
26061	77-GLR	3x left+3x right, gold
26062	77-BLR	3x left+3x right, black



machine heads for guitar, die cast, deluxe buttons

21586	75-CLR	3x left+3x right, chrome
21587	75-GLR	3x left+3x right, gold
21588	75-BLR	3x left+3x right, black



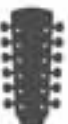
machine heads for guitar, die cast, deluxe buttons

21589	76-CLR	3x left+3x right, chrome
21590	76-GLR	3x left+3x right, gold
21591	76-BLR	3x left+3x right, black
21592	76-CL	6x left, chrome
21593	76-GL	6x left, gold
21594	76-BL	6x left, black



machine heads for 10-string guitar, nylon shaft, plastic buttons

11050 **142-10** 100mm



machine heads for 12-string guitar, metal shaft, 116,6mm

1002	047-116	plastic buttons
1003	047-116M	metal buttons

1.5 parts

1.5.3 machine heads

1.5.3.2 machine heads for acoustic/ electric guitar

Boston



machine heads for 12-string guitar, double drilled metal shaft, plastic buttons

1004 **047-125** 125,0mm



machine heads for 12-string guitar, die cast

26063 **277-CLR** chrome
26064 **277-GLR** gold
26065 **277-BLR** black



machine heads for 12-string guitar, die cast

1005 **272-CLR** chrome
8505 **272-BLR** black
9178 **272-GLR** gold

1.5 parts

1.5.3 machine heads

1.5.3.3 machine heads for bass guitar

Boston



machine heads for bass guitar

5538 **59-NLR** 2x left+2x right, nickel
995 **59-NL** 4x left, nickel



machine heads for bass guitar, die cast

5486 **92-CLR** 2x left+2x right, chrome
14355 **92-GLR** 2x left+2x right, gold
14357 **92-BLR** 2x left+2x right, black
5487 **92-CL** 4x left, chrome
14356 **92-GL** 4x left, gold
14358 **92-BL** 4x left, black



machine heads for bass guitar

16453 **86-CL** 4x left, chrome
16454 **86-BL** 4x left, black



machine heads for bass guitar

21595 **87-CLR** 2x left+2x right, chrome
21597 **87-GLR** 2x left+2x right, gold
21599 **87-BLR** 2x left+2x right, black
21596 **87-CL** 4x left, chrome
21598 **87-GL** 4x left, gold
21600 **87-BL** 4x left, black



machine heads for bass guitar

16455 **88-CLR** 2x left+2x right, chrome
16456 **88-GLR** 2x left+2x right, gold
16457 **88-BLR** 2x left+2x right, black
16458 **88-CL** 4x left, chrome
16459 **88-GL** 4x left, gold
16460 **88-BL** 4x left, black

1.5 parts

1.5.3 machine heads

1.5.3.4 machine heads for banjo

Boston



machine heads for 4-string banjo, professional

- 18715 **BJ-1004-C** chrome
- 18716 **BJ-1004-G** gold



machine heads for 5-string banjo, professional

- 16461 **BJ-1005-C** chrome
- 16462 **BJ-1005-G** gold

1.5.3.4 - 1

1.5 parts

1.5.3 machine heads

1.5.3.5 machine heads for mandolin

Boston



machine heads for mandolin, metal shaft, 2 holes, 70mm

- 1001 **043-2M** metal buttons
- 1000 **043-2** plastic buttons



machine heads for mandolin, metal shaft, 69mm, plastic buttons

- 16465 **045-N** nickel
- 16466 **045-G** gold



machine heads for mandolin, metal shaft, 69mm, plastic buttons

- 16463 **044-N** nickel
- 16464 **044-G** gold

1.5 parts

1.5.3 machine heads

1.5.3.6 machine heads for ukulele

Boston



MAHALO



Mahalo machine heads for soprano ukulele, guitar model, suitable for U-30G

26805 **UMH-30G** gold with black knob
31280 **UMH-50G** chrome with white knob



machine heads for ukulele, gold plated, buttons

23578 **UMH-210-WH** white buttons
23579 **UMH-210-IV** ivory buttons
23580 **UMH-210-AM** amber buttons
23581 **UMH-210-PW** pearloid white buttons



machine heads for ukulele, guitar model, double drilled metal shaft

998 **056-U** plastic buttons



machine heads for ukulele, brown buttons

23582 **UMH-300-BR** nickel plated
23583 **UMH-310-BR** gold plated



machine heads for ukulele

20335 **UMH-100-BK** goldplated, black buttons



machine heads for ukulele, nickel plated

23574 **UMH-200-WH** white buttons
23575 **UMH-200-IV** ivory buttons
23576 **UMH-200-AM** amber buttons
23577 **UMH-200-PW** pearloid white buttons

1.5 parts

1.5.3 machine heads

1.5.3.7 parts for machine heads/ machine head pegs



 <p>machine head peg, metal, push-on model, 18x13mm, 12 pcs 1008 BUT-04 nickel</p>	 <p>machine head peg, bolt-on model, 23x16mm, 6 pcs 21183 BUT-18-PW pearloid, white 21184 BUT-18-AM pearloid, amber</p>
 <p>machine head peg, push-on model, 19x13mm, 12 pcs 1009 BUT-05 pearloid 1010 BUT-06 ivory</p>	 <p>machine head peg, bolt-on model, 23x16mm, 6 pcs 21185 BUT-21 pearloid, amber</p>
 <p>machine head peg, push-on model, 22x15mm, 12 pcs 1011 BUT-07 pearloid</p>	 <p>machine head peg, bolt-on model, 23x15mm, 6 pcs 21186 BUT-23 pearloid, amber</p>
 <p>machine head peg, push-on model, 21x13mm, 12 pcs 1012 BUT-08 black plastic 1014 BUT-10 ivory plastic</p>	 <p>machine head peg, metal, bolt-on model, 23x16mm, 6 pcs 21187 BUT-25-C chrome 21188 BUT-25-G gold 21189 BUT-25-B black</p>
 <p>machine head peg, push-on model, 22x13mm, 12 pcs 1013 BUT-09 pearloid</p>	 <p>machine head peg, metal, bolt-on model, 24x17mm, 6 pcs 21190 BUT-27-C chrome 21191 BUT-27-G gold 21192 BUT-27-B black</p>
 <p>machine head peg, butterfly model, push-on model, 24x16mm, 12 pcs 1015 BUT-11 pearloid</p>	 <p>machine head peg, metal, bolt-on model, 19x20mm, 6 pcs 21193 BUT-29-C chrome 21194 BUT-29-G gold 21195 BUT-29-B black</p>
 <p>machine head peg, bolt-on model, 23x17mm, 12 pcs 21180 BUT-13 pearloid, white</p>	 <p>machine head peg, metal, bolt-on model, 19x14mm, 6 pcs 21196 BUT-31-C chrome 21197 BUT-31-G gold</p>
 <p>machine head peg, bolt-on model, 23x16mm, 6 pcs 21181 BUT-15-PW pearloid, white 21182 BUT-15-AM pearloid, amber</p>	 <p>machine head peg, metal, bolt-on model, 18x14mm, 6 pcs 21198 BUT-33-C chrome 21199 BUT-33-G gold 21200 BUT-33-B black</p>

1.5 parts

1.5.3 machine heads

1.5.3.7 parts for machine heads/ machine head pegs

Boston



machine head peg, metal, bolt-on model, 18x14mm, 6 pcs

21201 **BUT-35-C** chrome
21202 **BUT-35-G** gold



machine head peg, metal, bolt-on model, 23x16mm, 6 pcs

21206 **BUT-39-C** chrome
21207 **BUT-39-G** gold



machine head peg, metal, bolt-on model, 19x14mm, 6 pcs

21203 **BUT-37-C** chrome
21204 **BUT-37-G** gold
21205 **BUT-37-B** black



machine head peg, metal, bolt-on model, 34x23mm, 4 pcs

21208 **BUT-62-C** chrome
21209 **BUT-62-G** gold

1.5.3.7.1 - 2

1.5 parts

1.5.3 machine heads

1.5.3.7 parts for machine heads/ machine head bushings

Boston



machine head bushing, 6-10mm diameter, 12 pcs

1018 **MHP-16-N** nickel



machine head bushing, 6,2-8mm diameter, 6 pcs

25407 **MHP-17-N** nickel
16866 **MHP-17-C** chrome
16867 **MHP-17-G** gold
16868 **MHP-17-B** black



machine head bushing, 6,3mm diameter, 6 pcs

16869 **MHP-18-C** chrome
16870 **MHP-18-G** gold
16871 **MHP-18-B** black



machine head bushing, 6,3mm diameter, 6 pcs

16872 **MHP-19-N** nickel
16873 **MHP-19-C** chrome
16874 **MHP-19-G** gold
16875 **MHP-19-B** black

1.5.3.7.2 - 1

1.5 parts

1.5.3 machine heads

1.5.3.7 parts for machine heads/ machine head shafts

Boston



machine head shaft metal, 1 hole, nickel, 12 pcs

8109 **MHP-03E** 6x27mm
11996 **MHP-04E** 6x26mm



machine head shaft nylon, 12 pcs

8111 **MHP-0109K** 9x28mm
8112 **MHP-0109L** 9x31mm
8113 **MHP-0110K** 10x29mm
8114 **MHP-0110L** 10x31mm



machine head shaft metal, 2 holes, nickel, 12 pcs

8110 **MHP-08D** 6x26mm



machine head shaft metal, 1 middle hole, nickel, 12 pcs

11042 **MHP-09E** 6x26mm



machine head shaft metal, 2 holes, nickel, 12 pcs

11043 **MHP-11D** 6x22mm

1.5.3.7.3 - 1

1.5 parts

1.5.3 machine heads

1.5.3.7 miscellaneous machine head parts

Boston



machine head worm gear, brass, 12 pcs

8134 **MHP-2511** diam. 11mm



machine head shaft bolt, black, 12 pcs

8115 **MHP-20BK** 2,5x5mm