

# ACTION HARDWARE & PARTS

## GRAND AGRAFFES

Solid brass, threaded.



American thread (36):

- # AGR-1 1/4" Single
- # AGR-2 1/4" Double
- # AGR-2W 1/4" Wide Double
- # AGR-3 1/4" Triple

American thread, 7/32":

- # AGR-4 7/32" Single
- # AGR-5 7/32" Double
- # AGR-5W 7/32" Wide Double
- # AGR-6 7/32" Triple

Metric thread (32):

- # AGR-1M 1/4" Single
- # AGR-2M 1/4" Double
- # AGR-3M 1/4" Triple

You may also order agraffes for Steinways by the set. Specify 1/4" or 7/32".

	Single	Double	Wide	Triple
# AGR-SSM	10	14	4	26
# AGR-SSL	10	14	2	28
# AGR-SSA	8	15	2	26
# AGR-SSB	8	8	4	31
# AGR-SSD	8	0	5	40

## AGRAFFE WASHERS

Brass washers that fit between agraffe and plate, for alignment.

- # AGR-W0311 .012" Washers
- # AGR-W0511 .020" Washers



## GRAND CAPSTAN SCREWS

Solid brass. Round polished heads, with holes. Overall length 1 1/8".

- # GCS-1 Grand Capstans



## ACTION SCREWS

High quality with cut threads (not stamped) for extended durability & precision.

- # GCA-22 Action Screws



## BALANCE RAIL PINS

Nickel-plated steel balance rail pins.



- # BRP-1 .145" x 2 1/4" Balance Pins
- # BRP-2 .145" x 2 5/8" Balance Pins
- # BRP-162 .162" x 2 1/4" Balance Pins
- # BRP-162X .162" x 2 5/8" Balance Pins

## FRONT RAIL PINS

Nickel-plated steel.

- # FRP-1 .146" x 1 1/16" Front Rail Pins
- # FRP-146X .146" x 1 1/16" Long Front Pins

Nickel-plated brass.

- # FRP-129 .129" x 1 1/16" Front Rail Pins

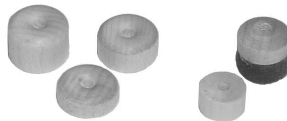


## REGULATING SCREWS



- |          | Overall length | Threaded portion |
|----------|----------------|------------------|
| # RSG-20 | 1 1/4"         | 3/4"             |
| # RSG-22 | 1 1/2"         | 1"               |

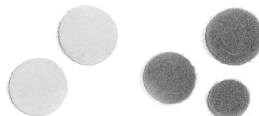
## REGULATING BUTTONS & PUNCHINGS



- 7/16" diameter hardwood buttons.
- # RSG-516 Large 5/16" Thick
- # RSG-564 Med. 15/64" Thick
- # RSG-532 Small 5/32" Thick
- # RSG-B Grand Button w/ Punching
- # RSU-B 5/16" dia. x 3/16" thick

Cloth regulating punchings.

- |          | Color | Dia.  | Thickness |
|----------|-------|-------|-----------|
| # PR-F4S | White | 7/16" | .090"     |
| # PR-F5S | White | 7/16" | .140"     |
| # PR-F6  | Green | 3/8"  | .090"     |
| # PR-F7  | Brown | 5/16" | .140"     |
| # PR-F8  | Brown | 7/16" | .140"     |



## CENTER PINS

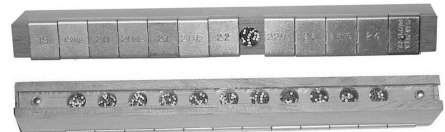
Nickel silver. 3/4" long. (Size 18 has approximately 160 pins per ounce. Size 26 has approximately 80 pins per ounce.)



	Size	Diameter
# CP-18	18	.046"
# CP-185	18 1/2	.047"
# CP-19	19	.048"
# CP-195	19 1/2	.049"
# CP-20	20	.050"
# CP-205	20 1/2	.051"
# CP-21	21	.052"
# CP-215	21 1/2	.053"
# CP-22	22	.054"
# CP-225	22 1/2	.055"
# CP-23	23	.056"
# CP-235	23 1/2	.0575"
# CP-24	24	.059"
# CP-245	24 1/2	.061"
# CP-25	25	.063"
# CP-26	26	.066"

## CENTER PIN CASE

Conveniently keeps center pins in numbered compartments. With clear bottom for an easy check of stock. Filled with 12 sizes of pins.



- # CP-X Center Pin Case with pins
- # CP-XE Center Pin Case, empty

## PLATE PINS (Hitch Pins)

Nickel-plated. One end tapered, one end rounded. 11/16" in length.

- # PP-137 .137" Plate Pins
- # PP-158 .158" Plate Pins



## GLIDEBOLTS



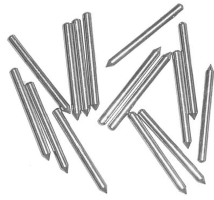
- 3" long brass glidebolts.
- # GLB-3 Brass Glidebolts

# ACTION HARDWARE & PARTS

## BRIDGE PINS —

### Coppered

Coppered bridge pins. One pointed end. Length 1".



# BP-6	# 6 Bridge Pins	.076"
# BP-7	# 7 Bridge Pins	.086"
# BP-8	# 8 Bridge Pins	.096"
# BP-9	# 9 Bridge Pins	.109"
# BP-10	# 10 Bridge Pins	.135"

## BRIDGE PINS —

### Nickel-Plated

Nickel-plated bridge pins with one pointed end. Lengths range from about 13/16" to 1 1/2".



Part No.	Approximate Diameter
# BP-N185	1.85mm (.074")
# BP-N200	2.00mm (.078")
# BP-N215	2.15mm (.085")
# BP-N235	2.35mm (.093")
# BP-N250	2.50mm (.099")
# BP-N265	2.65mm (.104")
# BP-N290	2.90mm (.114")
# BP-N310	3.10mm (.124")

## KEY LEADS

7/16" height. Tapered. See page D-36 for forstner drill bits.



		Diameter	Approx. Leads/lb.
# KLD-S	Small	3/8"	67
# KLD-M	Med.	7/16"	41
# KLD-L	Large	1/2"	35
# KLD-X	X-Large	5/8"	22

## # KLD-W4

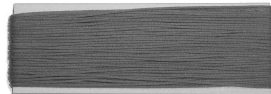
### Key Lead Wire

1/4" diameter lead wire. Easy to cut with our #HSC-1 Heavy Duty Shank Cutter. One foot weighs approximately 1/4 lb.



## SILK ACTION CORD

For use on some styles of repetition springs, wippen flanges, butt flanges, etc.



- # FCD-1 White Action Cord
- # FCD-1G Green Action Cord

## HAMMER REST RAIL BOLTS & NUTS

For use when replacing bumper-type wippens with universals. About 2 1/4" long. Set of 5.



- # TRR-5 Hammer Rest Rail Bolts

## BACKCHECK WIRES



Fluted on one end.

- # BKW-1 2 1/4" Backcheck Wires

## HAMMER LEAD WIRE

5-lb. spool of .105" diameter lead.

Used to lead hammer mouldings, for permanently adding weight.

- # KLD-H5 Hammer Lead Wire



## FLY REGULATING SCREW

Spade head screw for grand jacks, etc.

- # GCF-91 Fly Regulating Screw



## BRIDLE STRAPS



Cork-tipped bridle straps with long-wearing vinyl tips.

- # 470S Small Cork Bridles
- # 470M Medium Cork Bridles
- # 470L Large Cork Bridles



Spring Clip bridles for use with butts having no backstop hole. Clip on top of buttstop stem, adjusting length. Turn clip to lock position. Easy to use.

- # 472 Spring Clip Bridle Straps



Plain bridle straps with vinyl tips.

- # 473 Plain Bridle Straps

## BRIDLE WIRES



- # BRW-1 Upright Bridle Wires

- # BRW-2 Spinnet Bridle Wires

## JACK SPRINGS

1" spiral springs for uprights.

- # SP-J1 Upright Jack Springs

25/32" spiral springs for spinnets.

- # SP-J2 Spinnet Jack Springs



## HAMMER BUTT SPRINGS

- # SP-B1 2" Upright Butt Springs

- # SP-B175 1 1/4" Uprrt. Butt Springs

- # SP-B2 Spinnet Butt Springs

## DAMPER LEVER SPRINGS

- # SP-DL1 Medium .029" diameter

- # SP-DL2 Heavy .033" diameter

