## Hamburg ${ }^{W}$ Premier Professional Brushes

Hamburg did not set out to be as good as mongoose but to be better!

## Hamburg Brush Measurements

## Brights

| Size | Total Length |
| :--- | :--- |
| 2 | $113 / 16^{\prime \prime}$ |
| 4 | $111 / 8^{\prime \prime}$ |
| 6 | $113 / 4^{\prime \prime}$ |
| 8 | $113 / 4^{\prime \prime}$ |
| 10 | $121 / 16^{\prime \prime}$ |
| 12 | $125 / 16^{\prime \prime}$ |
| 14 | $127 / 16^{\prime \prime}$ |
| 16 | $123 / 8^{\prime \prime}$ |
| 18 | $127 / 8^{\prime \prime}$ |
| 20 | $121 / 4^{\prime \prime}$ |
| 22 | $131 / 8^{\prime \prime}$ |
| 24 | $131 / 4^{\prime \prime}$ |

Handle Lgth
$101 / 16^{\prime \prime}$
$95 / 8^{\prime \prime}$
$103 / 16^{\prime \prime}$
$10^{\prime \prime}$
$101 / 8^{\prime \prime}$
$101 / 16^{\prime \prime}$
$10^{\prime \prime}$
$97 / 8^{\prime \prime}$
$101 / 8^{\prime \prime}$
$10^{\prime \prime}$
$10^{\prime \prime}$
$97 / 8^{\prime \prime}$

Hair Out From Ferrule
3/16"
7/32"
$1 / 4^{\prime \prime}$
5/16"
7/16"
$1 / 2^{\prime \prime}$
5/8"
$3 / 4^{\prime \prime}$
$3 / 4^{\prime \prime}$
7/8"
$1 "$
$1 / 8^{\prime \prime}$

Hair Width
3/32"
5/32"
7/32"
9/32"
7/16"
$1 / 2^{\prime \prime}$
9/16"
11/16"
$3 / 4^{\prime \prime}$
$7 / 8 "$
$1 "$
$1 / 8^{\prime \prime}$

Rounds

| Size | Total Length | Handle Lgth | Hair Out From Ferrule | Hair Width |
| :---: | :---: | :---: | :---: | :---: |
| 2 | $113 / 8^{\prime \prime}$ | $10^{\prime \prime}$ | 5/16" | 1/16" |
| 4 | $11 / 2^{\prime \prime}$ | $10^{\prime \prime}$ | $3 / 8{ }^{\prime \prime}$ | 1/16" |
| 6 | 115/8" | $10^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | 3/32 ${ }^{\prime \prime}$ |
| 8 | $113 / 4{ }^{\prime \prime}$ | $10^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 8{ }^{\prime \prime}$ |
| 10 | $12^{\prime \prime}$ | $101 / 8^{\prime \prime}$ | 9/16" | 5/32" |
| 12 | 12" | $10^{1 / 4} 4^{\prime \prime}$ | 5/8" | 5/32" |
| 14 | $121 /{ }^{\prime \prime}$ | $101 / 8^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | 3/16" |
| 16 | $125 / 8^{\prime \prime}$ | $101 /{ }^{\prime \prime}$ | 3/4" | $1 / 4^{\prime \prime}$ |
| 18 | $125 / 8^{\prime \prime}$ | 103/16" | 7/8" | $1 / 4^{\prime \prime}$ |
| 20 | 127/8" | $10 \mathrm{~V} \mathrm{~B}^{\prime \prime}$ | $17 / 8$ | 5/16" |
| 22 | $131 / 8{ }^{\prime \prime}$ | $10 \mathrm{~V} \mathrm{~B}^{\prime \prime}$ | $11 / 8{ }^{\prime \prime}$ | 3/8" |
| 24 | $135 / 16^{\prime \prime}$ | $101 / 8{ }^{\prime \prime}$ | $11 /{ }^{\prime \prime}$ | 7/16" |

Size Total Length
$2 \quad 111 / 2^{\prime \prime}$
$4 \quad 115 / 8^{\prime \prime}$
612 "
$8 \quad 12$ "
$10 \quad 121 / 8^{\prime \prime}$
$12 \quad 121 / 2^{\prime \prime}$
14 12 $1 / 2^{\prime \prime}$
16 12 3/4"
18 13"
$20 \quad 131 / 8^{\prime \prime}$
$24131 / z^{\prime \prime}$

Handle Lgth
$10^{\prime \prime}$
$10^{\prime \prime}$
$101 / 4^{\prime \prime}$
$10^{\prime \prime}$
$101 / 16^{\prime \prime}$
$10^{\prime \prime}$
$10^{\prime \prime}$
$101 / 8^{\prime \prime}$
$101 / 8^{\prime \prime}$
10 V/16"
$10^{\prime \prime}$

Hair Out From Ferrule
$1 / 4^{\prime \prime}$
5/16"
$13 / 32^{\prime \prime}$
$1 / 2^{\prime \prime}$
$5 / 8^{\prime \prime}$
$11 / 16^{\prime \prime}$
3/4"
$7 / 8^{\prime \prime}$
1 "
$11 / 8^{\prime \prime}$
$13 / 8^{\prime \prime}$

Hair Width
3/32"
$5 / 32^{\prime \prime}$
$1 / 4^{\prime \prime}$
5/16"
7/16
$1 / 2^{\prime \prime}$
9/16"
$5 / 8^{\prime \prime}$
$3 / 4^{\prime \prime}$
7/8"
$11 / 8^{\prime \prime}$

## Fans

Size Total Length
$2 \quad 115 / 8^{\prime \prime}$
$6 \quad 123 / 16^{\prime \prime}$
$12 \quad 121 / 4^{4}$
24 13"

Handle Lgth
$10^{\prime \prime}$
$103 / 16^{\prime \prime}$
$93 / 4$
$93 / 4$

Hair Out From Ferrule
3/8"
5/8"
7/8"
15/8"

Hair Span Width
$3 / 4^{\prime \prime}$
$11 / 4^{\prime \prime}$
$17 / 8^{\prime \prime}$
3"

## Flats

Size Total Length
$2 \quad 111 / 2^{\prime \prime}$
$4113 / 4^{\prime \prime}$
$6113 / 4^{\prime \prime}$
8 12"
10 12"
1212 1/16"
$14 \quad 121 / 2^{\prime \prime}$
$16 \quad 123 / 4^{\prime \prime}$
1813 1/8"
$20 \quad 13$ 1/8"
$22131 / 4^{\prime \prime}$
$24131 / 2^{\prime \prime}$

Handle Lgth
10 1/16"
10 3/16"
10 3/16"
10"
10 1/8"
10 1/16"
10"
10 1/16"
10 3/16"
10 1/8"
10 1/8"
10 1/8"

Hair Out From Ferrule
3/8"
1/2"
9/16"
3/4"
3/4"
7/8"
1"
$11 / 32^{\prime \prime}$
1 1/4"
1 1/4"
1 1/2"
1 1/2"

Hair Span Width
1/16"
1/8"
1/4"
5/16"
7/16"
1/2"
5/8"
3/4"
7/8"
1"
1 1/4"
1 5/16"

May Be Used With All Media Including Oil Color, Watercolor and Acrylic Color
Move Heavy Body Paint With Exact Precision
Hold Lots Of Thinned Color Providing Excellent Pointing and Fine Edges with Superb Resiliency while being bushy and soft for blending and Glazing Techniques

Handmade and Batch Tested In Germany To Exact Standards

