

Pointers for using Speedball Pen Points

Hold pen properly.

There should be only 3 points of contact with the paper: the point of the pen, the tip of your ring finger and the outside edge of your palm. Do not hold pen too tightly—a tight grip destroys the beauty and freedom of your work.

Posture is important.

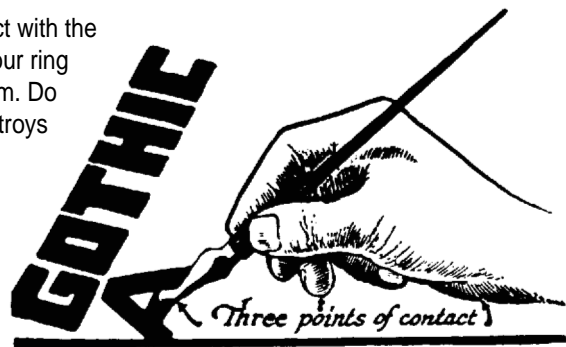
Sit erect or stand close to the desk; keep the feet flat on the floor or the foot rest. Don't lean on the pen.

Use paper with a hard finish.

The paper you choose is critical to the quality of lines and lettering you create. When you purchase paper, look at the kind and description on front of the pad, for example, "Drawing Paper. Can be used with pencil, crayon, pastel, charcoal, and pen and ink." Bristol paper with a plate surface is also a good choice. If you choose the wrong paper, two things can happen: the ink will feather or bleed, creating messy lines or paper fibers may become stuck in the pen point.

Hold paper in position.

The best results are secured with the paper or card flat on the desk slightly to the right and turned a trifle to the left. Hold your work in place with your left hand while lettering with the right—do not tack the card to the desk.



Use free-flowing Speedball ink; dip pen carefully.

Sticky, gummy and glossy inks never give satisfaction. They generally clog the pens and cause spots or streaks. Speedball® Super Black India and Waterproof Drawing Inks (black and colors) are specially formulated for making clean images with Speedball® pens.

Dip the pen deeply enough into the ink to fill the reservoir, then wipe off the surplus by drawing the underside of the pen across the edge of the bottle. This will eliminate any chance of blotting caused by overloading of feeders. Be sure to clean the pen after each use. Clean pens do clean work.

General lettering tips.

Study the shape and construction of each letter. Note the order and direction of each stroke before using pen. Do not try to work too fast. Strive for quality first and speed will develop later.

Fit strokes together so that "overlaps" do not show in the finished letters. You will improve your stroke by forming the ovals wider. Pay special attention to the positions of the pen point in relation to individual characters and alphabets.

Work and rest.

Work with a full arm stroke. Keep the top of the pen flat on the paper and do not contract the fingers. Rest an instant at the finish of each stroke before lifting the pen from the paper. This will produce clean-cut elements with sharp terminals.

Lettering styles and strokes.

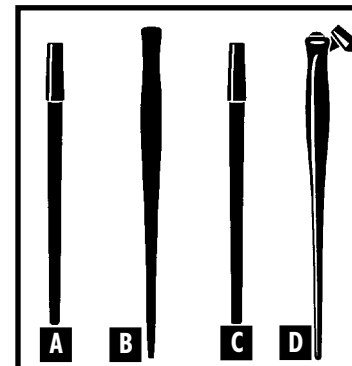
Lettering styles are created with only a few basic strokes—straight horizontal, vertical and diagonal lines, as well as curved lines. Look closely at the examples on this lettering chart to learn the correct direction to use in forming each kind of stroke.

Lettering style books available.

Speedball® Elementary Alphabet Book (3066); Speedball® Textbook (3067); and the Abraham Lincoln Introduction to Handwriting & Calligraphy (3092). Check with your retailer for prices.



Waterproof Transparent Lettering & Drawing Ink
 3321 Yellow
 3322 Orange
 3324 Red
 3327 Violet
 3328 Blue
 3330 Green
 3340 Gold
 3333 White
 3336 Brown
 3319 2 oz. Assortment



HUNT
 A 9452 Crow Quill Holder

SPEEDBALL New Classic Pen Holders:
 (shown top right)
 B 9459 Gold & Black
 B 9461 Silver & Black
 B 9464 Gold Multi-Color
 B 9466 Black
 B 9468 Mahogany

Traditional Pen Holders:
 B 9451 Black Plastic
 C 9454 Holder No. 104
 D 9455 Oblique
 All items above are open stock

SPEEDBALL New Classic Pen Holders

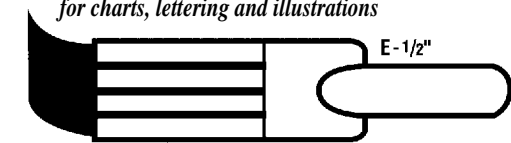


Ask your Fine Art Dealer for Speedball® Hunt pen points and holders.

Both blister-carded packages and open stock are available.

Select the proper pen holder for your pen point.

STEEL BRUSH
 for charts, lettering and illustrations



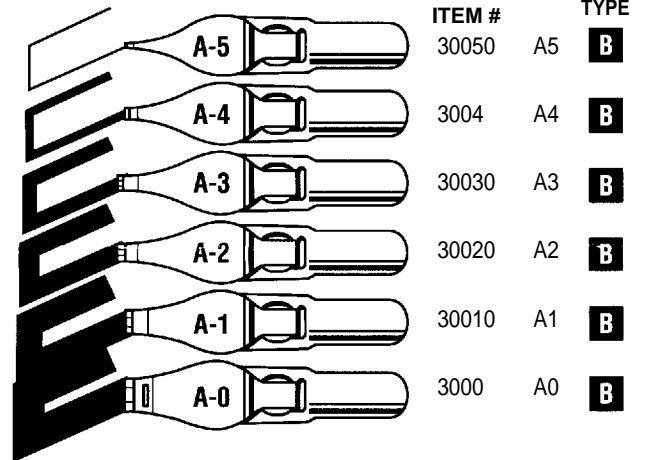
ITEM #
 3084
 3083
 3082
 3081

USE PEN HOLDER TYPE
 3/4" **B**
 1/2" WITH ALL 4
 3/8" STEEL BRUSHES
 1/4"

SEE CHARTS 7, 8 & 9 FOR MORE INFORMATION ABOUT STEEL BRUSHES

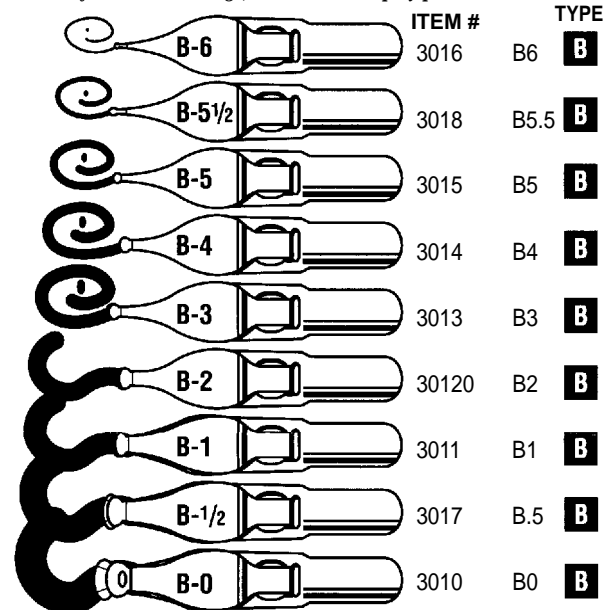
SPEEDBALL® Pen Points—Actual Size

STYLE 'A' SQUARE PEN POINTS
 for creating black and poster Gothic letters, ornamented borders, designs and decorations



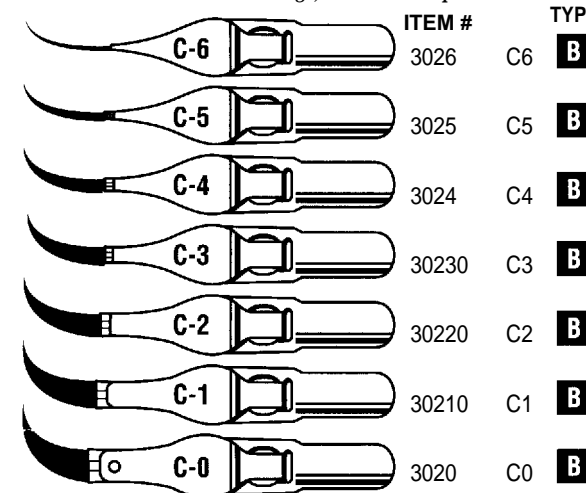
USE PEN HOLDER TYPE
ITEM #
 A5 **B** 30050
 A4 **B** 3004
 A3 **B** 30030
 A2 **B** 30020
 A1 **B** 30010
 A0 **B** 3000

STYLE 'B' ROUND PEN POINTS
 is ideal for Gothic or outline letters, cartoons, uniform line drawings, borders and display posters



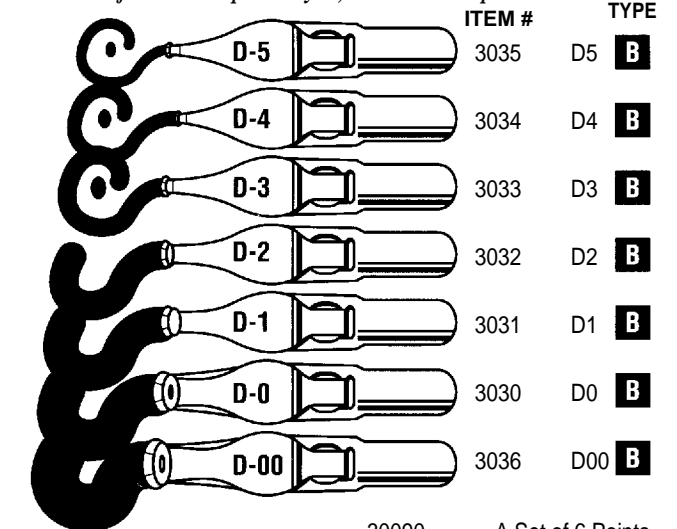
USE PEN HOLDER TYPE
ITEM #
 B6 **B** 3016
 B5.5 **B** 3018
 B5 **B** 3015
 B4 **B** 3014
 B3 **B** 3013
 B2 **B** 30120
 B1 **B** 3011
 B-1/2 **B** 3017
 B-0 **B** 3010

STYLE 'C' FLAT PEN POINTS
 is designed for Roman, texts, and italic lettering, as well as accented line drawings, scrolls or scripts



USE PEN HOLDER TYPE
ITEM #
 C6 **B** 3026
 C5 **B** 3025
 C4 **B** 3024
 C3 **B** 30230
 C2 **B** 30220
 C1 **B** 30210
 C0 **B** 3020
 Left-Handed Pen Points
 3054 LC4
 3053 LC3
 3052 LC2
 30510 LC1
 3050 LC0
 3055 LC Set of 5

STYLE 'D' OVAL PEN POINTS
 is ideal for bold Roman, texts and italic lettering, as well as for bold line poster styles, scrolls and scripts



USE PEN HOLDER TYPE
ITEM #
 D5 **B** 3035
 D4 **B** 3034
 D3 **B** 3033
 D2 **B** 3032
 D1 **B** 3031
 D0 **B** 3030
 D00 **B** 3036
 30090 A Set of 6 Points
 3019 B Set of 6 Points
 3029 C Set of 6 Points
 3039 D Set of 6 Points

Instruction Chart 2

This chart demonstrates single-stroke Gothic alphabets.

The art below shows the actual sizes of the pen points and the strokes they make.

"B" ROUND PEN POINTS

ITEM #	USE PEN HOLDER TYPE
B-6	B6
B-5 1/2	B5.5 *
B-5	B5 *
B-4	B4
B-3	B3
B-2	B2 *
B-1	B1
B-1/2	B.5
B-0	B0

"D" OVAL PEN POINTS

ITEM #	USE PEN HOLDER TYPE
D-5	D5
D-4	D4
D-3	D3 *
D-2	D2
D-1	D1
D-0	D0
D-00	D00

SINGLE STROKE GOTHIC ALPHABETS

B2 ABCDEFGHIJKLMNOPQRSTUVWXYZ

B5 ABCDEFGHIJKLMNOPQRSTUVWXYZ

D3 ABCDEFGHIJKLMNOPQRSTUVWXYZ

B2 \$1234567889¢ \$123456789¢

B5-1/2 abcdefeffghijklmnopqrstuvwxyz Flicker

B2 abcdefghijklmnopqrstuvwxyz

B5 abcdefghijklmnopqrstuvwxyz

D3 abcdefghijklmnopqrstuvwxyz








Use B2, B5, B5-1/2, and D3 Speedball pen points to create lettering the same size as these examples.




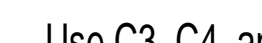

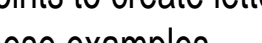
Instruction Chart 3

This chart demonstrates two variations of Gothic lettering.

The art below shows the actual sizes of the pen points and the strokes they make.

"C" FLAT PEN POINTS

Pen Point	ITEM #	USE PEN HOLDER TYPE
	3026	C6 B
	3025	C5 B *
	3024	C4 B *
	30230	C3 B *
	30220	C2 B
	30210	C1 B
	3020	C0 B

Left-Handed Pen Points	ITEM #	LC
	3054	LC4
	3053	LC3
	3052	LC2
	30510	LC1
	3050	LC0
	3055	LC Set of 5

Use C3, C4, and C5 Speedball pen points to create lettering the same size as these examples.

Manuscript Writing Alphabets

C4 **A B C D E F G H I J K L M N O P Q R S T U V W X Y & Z**
abcdefghijklmnopqrstuvwxyz ^a*abcdefghijklmnopqrstu* ^g*vwxyz* ^s*uv* ^t*tt*

C5 **A B C D E F G H I J K L M N O P Q R S T U V W X Y & Z**
abcdefghijklmnopqrstuvwxyz 357 \$ 1234567890¢ 234

C3 **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & ?**
abcdefghijklmnopqrstu *vwxyz* *abcdefghijklmnopqrstu* *vwxyz*

C4 **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & ?**
abcdefghijklmnopqrstu *vwxyz* 123456789¢




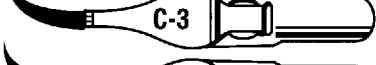
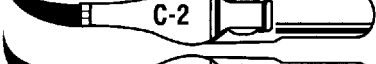
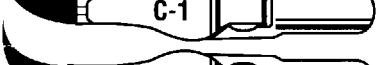

C3 **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & ?**

C4 **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & ?**
abcdefghijklmnopqrstu *vwxyz* & \$ 2356 \$ 847

Instruction Chart 4

This chart demonstrates two variations of Gothic lettering.

The art below shows the actual sizes of the pen points and the strokes they make.

"C" FLAT PEN POINTS		USE PEN HOLDER TYPE
	C-6 3026	C6 B
	C-5 3025	C5 B
	C-4 3024	C4 B
	C-3 30230	C3 B
	C-2 30220	C2 B *
	C-1 30210	C1 B
	C-0 3020	C0 B
Left-Handed Pen Points	3054 LC4 3053 LC3 3052 LC2 30510 LC1 3050 LC0 3055 LC Set of 5	

Use C2 Speedball pen points to create lettering the same size as these examples.

Single Stroke Speedball Roman Alphabets



Instruction Chart 5

This chart demonstrates Roman italics and bold italic alphabets.

The art below shows the actual sizes of the pen points and the strokes they make.

"C" FLAT PEN POINTS

ITEM #	USE PEN HOLDER TYPE
C-6 3026	C6 B
C-5 3025	C5 B
C-4 3024	C4 B
C-3 30230	C3 B *
C-2 30220	C2 B
C-1 30210	C1 B
C-0 3020	C0 B

"D" OVAL PEN POINTS

ITEM #	USE PEN HOLDER TYPE
D-5 3035	D5 B
D-4 3034	D4 B *
D-3 3033	D3 B *
D-2 3032	D2 B
D-1 3031	D1 B
D-0 3030	D0 B
D-00 3036	D00 B

Use C3, D3 and D4 Speedball pen points to create lettering the same size as these examples.

a e v Roman Italics single-stroke *w y g,*

abcdefghijklmnopqrstuvwxyz

C3 *abcdefghijklmnopqrstuvwxyz*

ABCDEFGHIJKLMNOPQRSTUVWXYZ

VWXYZ & \$ 1 2 3 4 5 6 7 8 9 ¢ WXYZ

ABCDEFGHIJKLMN O PQRSTU V

Bold Roman Italic Alphabets made single-stroke with style 'D' Speedballs

D3 *\$12345.abcdefghijklmnopqrstuvwxyz 6789¢*

ABCDEFGHIJKLMN O PQRSTU VWXY & Z

abcdefghijklmnopqrstuvwxyz \$123456789¢

D4 **ABCDEFGHIJKLMN O PQRSTU VWXY Z w;**

Instruction Chart 6

Speedball Engrossers' "Old English" is much easier to produce than it looks.

The art below shows the actual sizes of the pen points and the strokes they make.

"C" FLAT PEN POINTS

ITEM #	USE PEN HOLDER TYPE
C-6 3026	C6 B
C-5 3025	C5 B
C-4 3024	C4 B
C-3 30230	C3 B *
C-2 30220	C2 B
C-1 30210	C1 B
C-0 3020	C0 B

"D" OVAL PEN POINTS

ITEM #	USE PEN HOLDER TYPE
D-5 3035	D5 B
D-4 3034	D4 B
D-3 3033	D3 B *
D-2 3032	D2 B
D-1 3031	D1 B
D-0 3030	D0 B
D-00 3036	D00 B

Use C3 and D3 Speedball pen points to create lettering the same size as these examples.

Speedball Engrossers' "Old English"

C4
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

C3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

C3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz
Speedball Bold English Text simplified with the Style D oval tip pens

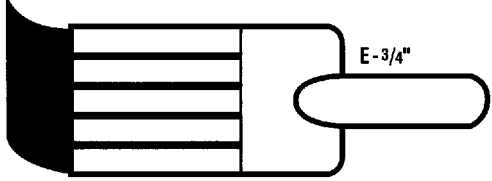
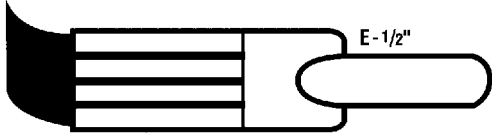
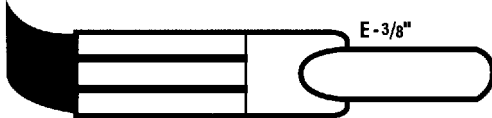

D3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

abcdefghijklmnopqrstuvwxyz aefgs

Instruction Chart 7 (Part I)

HANDCRAFT LETTERING

Steel brushes are used to make large lettering for posters. Actual sizes of brushes and strokes are shown here:

STEEL BRUSH	ITEM #	USE PEN HOLDER TYPE
 E-3/4"	3084	3/4" B
 E-1/2"	3083	1/2" B
 E-3/8"	3082	3/8" B
 E-1/4"	3081	1/4" B *

Use E-1/4" Speedball steel brush to create lettering the same size as these examples.

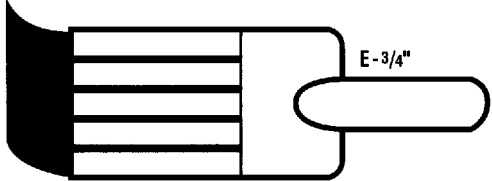
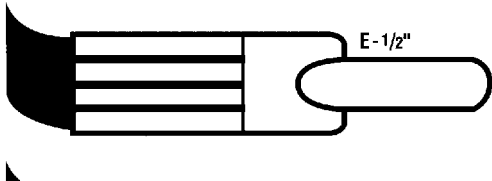
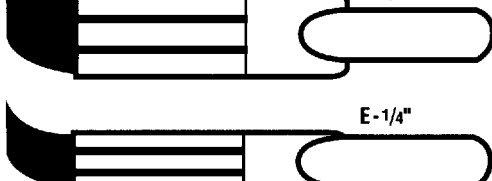
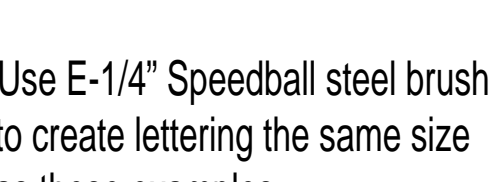


Instruction Chart 7 (Part II)

HANDCRAFT LETTERING

Lower case letters for Condensed Roman are shown here. Use steel brushes as shown on Chart 8.

Pay attention to brush positions and directional arrows for best results.

STEEL BRUSH	ITEM #	USE PEN HOLDER TYPE
 E-3/4"	3084	3/4" B
 E-1/2"	3083	1/2" B
 E-3/8"	3082	3/8" B
 E-1/4"	3081	1/4" B *

Use E-1/4" Speedball steel brush to create lettering the same size as these examples.



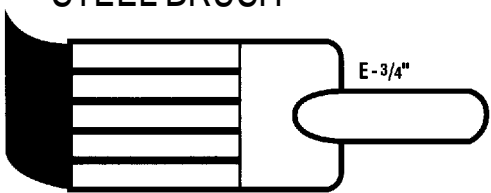
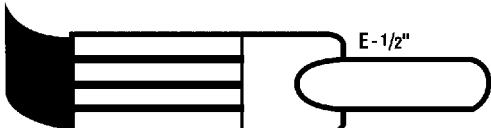
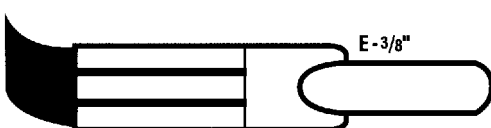

Instruction Chart 8

HANDCRAFT LETTERING

A variation on the steel brush strokes used for Condensed Roman can produce beautiful Old English lettering.

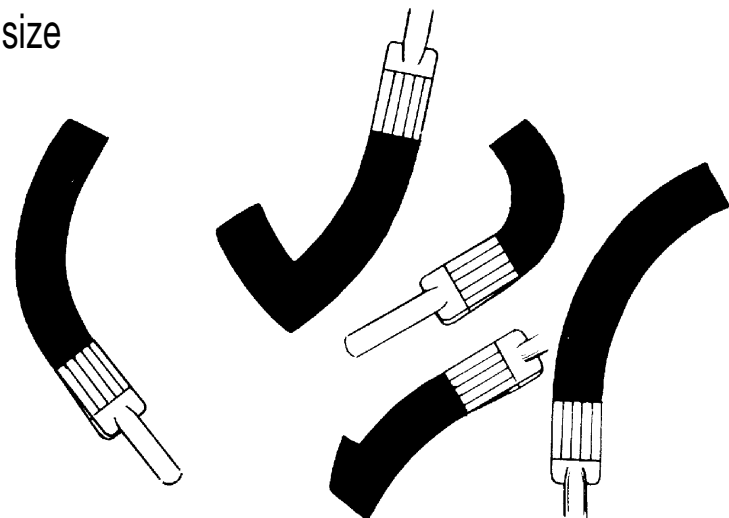
The art below shows the actual sizes of the brushes and the strokes they make.



STEEL BRUSH	ITEM #	USE PEN HOLDER TYPE
 E-3/4"	3084	3/4" B
 E-1/2"	3083	1/2" B
 E-3/8"	3082	3/8" B
 E-1/4"	3081	1/4" B *

Use E-1/4" Speedball steel brush to create lettering the same size as these examples.

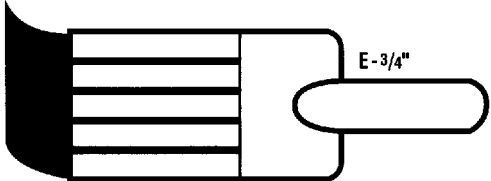
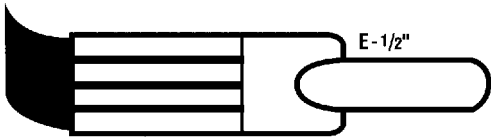
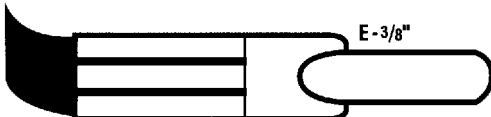

BASIC STROKES to create this fast Gothic alphabet wherein the full width of the steel brush is used in any direction. Arcs made by twirling the brush.



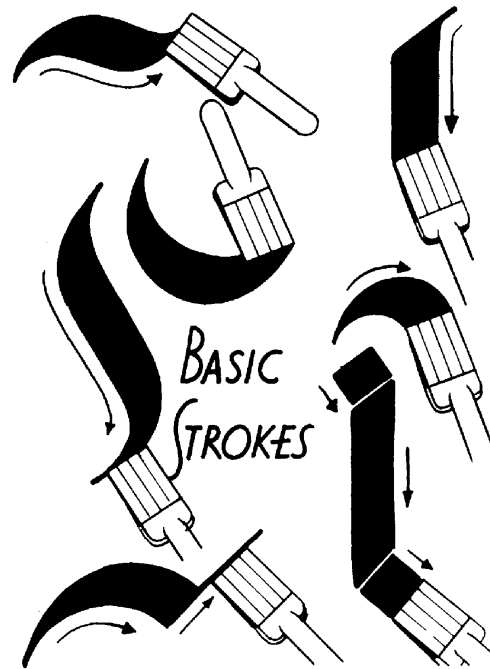
Instruction Chart 9

HANDCRAFT LETTERING

Bold Gothic lettering can be accomplished with only five steel brush strokes.

STEEL BRUSH	ITEM #	USE PEN HOLDER TYPE
 E-3/4"	3084	3/4" B
 E-1/2"	3083	1/2" B
 E-3/8"	3082	3/8" B
 E-1/4"	3081	1/4" B *

Use E-1/4" Speedball steel brush to create lettering the same size as these examples.



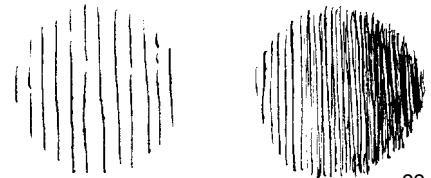
Instruction Chart 10
7 BASIC STROKES

STIPPLING



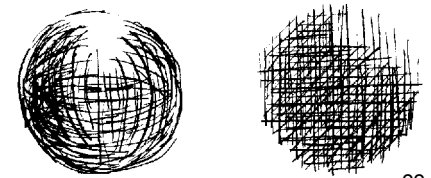
C5

PARALLEL LINES



22-B Extra Fine

CROSSHATCHING



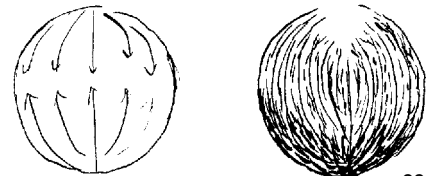
22-B Extra Fine

CRISSCROSS LINES



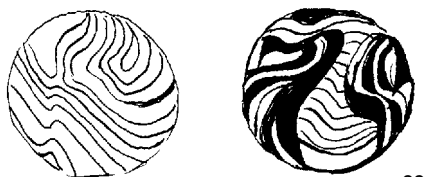
C5

CONTOURED LINES



22-B Extra Fine

WAVY LINES



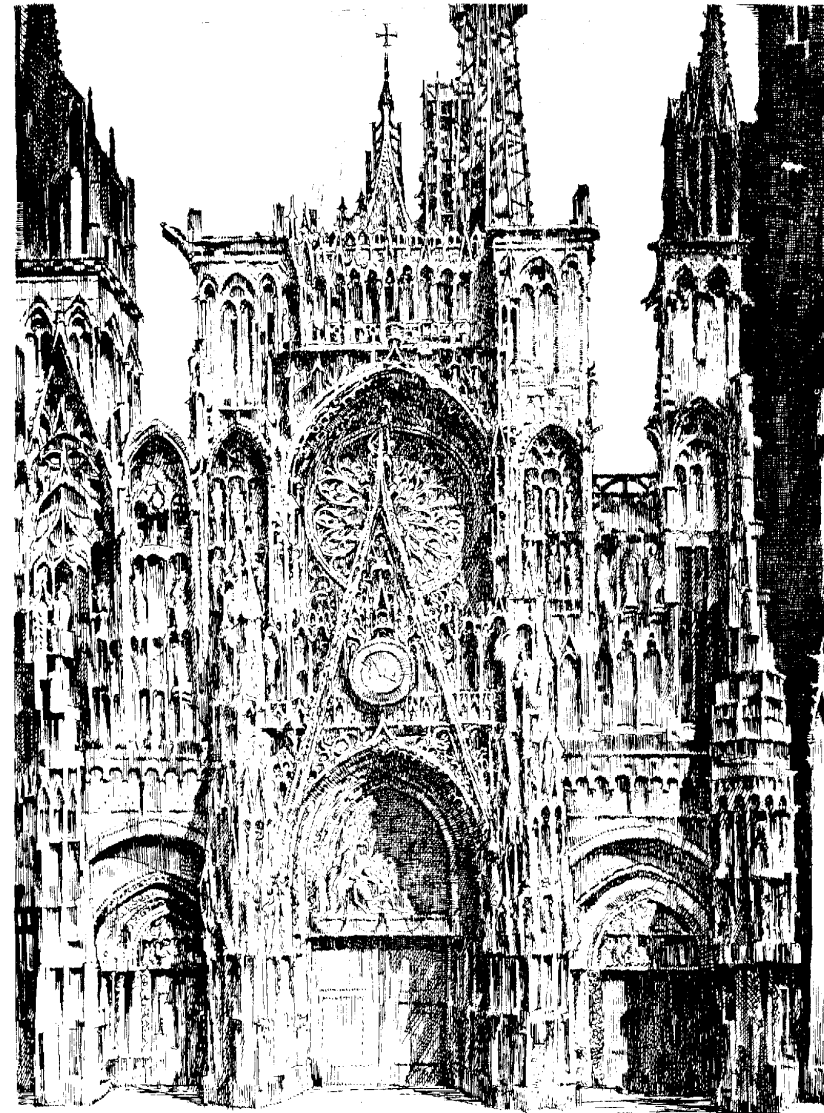
22-B Extra Fine

SCRIBBLE



C5

HUNT®
Drawing, Artist & Mapping Points & Holders

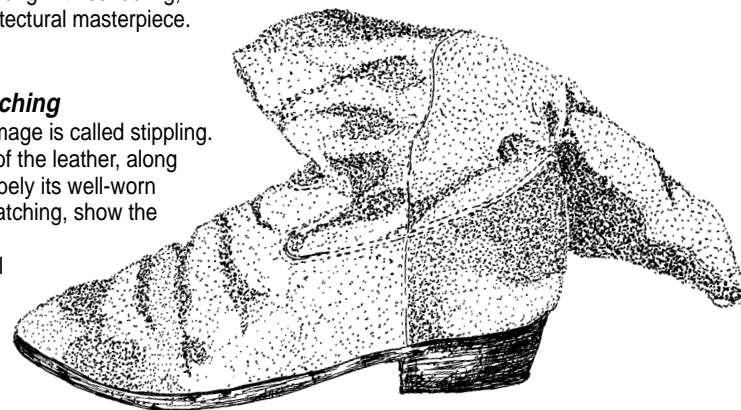


Combination

The Rouen Cathedral—one of Earl Horter's last pen drawings. Superb combination of parallel, crosshatched, and contoured lines, along with scribbling, provide contrast and exquisite detail in this drawing of an architectural masterpiece.

Stippling, Curved Lines & Crosshatching

The grouping of dots to create an image is called stippling. It works here to create the grainy texture of the leather, along with the folds, creases, and shadows that bely its well-worn state. Curved lines, combined with crosshatching, show the contrasting leather of the sole and heel. C5 Speedball pen point was used. Original reduced at 37%.



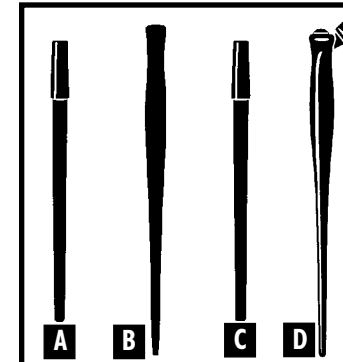
Combination

Crisscross lines give feathery texture to angel's wings, while contoured and wavy lines, along with crosshatching and scribbling, portray the flowing lines, layers, and deep folds of her robe and stole. 22B pen point was used. Original reduced.



Cartoons & Line Art

Commercial artists know Speedball and Hunt pens are versatile, consistent, and dependable. 22B pen point was used. Original reduced at 67%.



HUNT

A 9452 Crow Quill Holder

SPEEDBALL

New Classic Pen Holders:

(shown on front page)

B 9459 Gold & Black

B 9461 Silver & Black

B 9464 Gold Multi-Color

B 9466 Black

B 9468 Mahogany

Traditional Pen Holders:

B 9451 Black Plastic

C 9454 Holder No. 104

D 9455 Oblique

All items above are open stock

Use Holder A, B, or C as shown with pen points below.

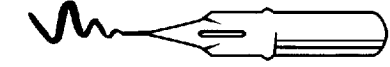
22-B EXTRA FINE - Bronze finish pen for ornamental writing and fine ruling-medium stiff.



ITEM #
9405

USE PEN
HOLDER
TYPE
B

56-SCHOOL - Fine, bronze finish drawing pen for art school, stiff action.



9406

B

99-DRAWING - Extra fine point for draftsmen and lithographers.



9409

B

100 ARTIST - Very delicate line for experts.



9400

C

101 IMPERIAL - Very flexible for ornamental work, bronze finish.



9401

D
B

102-CROW QUILL - America's most popular art pen. Superfine and flexible.



9402

A

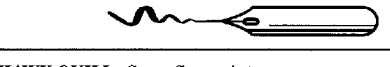
103-MAPPING - For mapping and fine line work.



9403

D
C

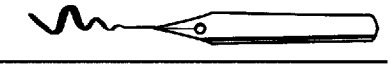
104-FINEST - Superfine art pen for the fine hair lines and smallest details.



9404

C

107-HAWK QUILL - Superfine point, stiffer than 102, very durable. For long even lines and cross-hatching details.



9407

A

108-FLEXIBLE QUILL - Bronze finish quill pen for cross-hatching, flourishing, lithography.



9408

A

512-BOWL POINTED - Bowl pointed fine pen for ruling and lettering.



9412

B

513EF-GLOBE - Extra fine bowl pointed for industrial arts.



9413

B

SCRATCH KNIVES



9442

C



9443



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