

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.

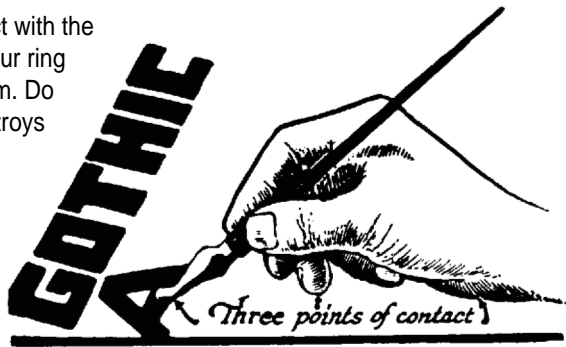
Sit erect or stand close to the desk; keep the feet flat on the floor or the foot rest. Don't lean on the pen.

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.

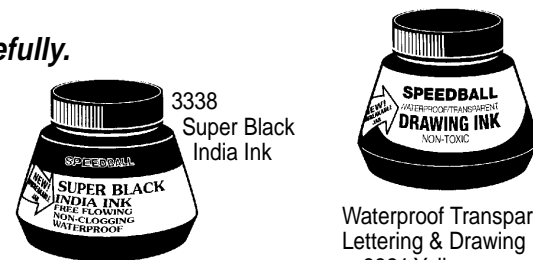
Work with a full arm stroke. Keep the top of the pen flat on the paper and do not contract the fingers. Rest an instant at the finish of each stroke before lifting the pen from the paper. This will produce clean-cut elements with sharp terminals.

Lettering styles and strokes.

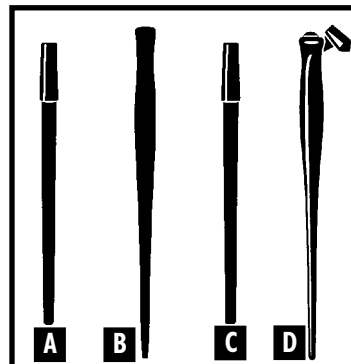
Lettering styles are created with only a few basic strokes—straight horizontal, vertical and diagonal lines, as well as curved lines. Look closely at the examples on this lettering chart to learn the correct direction to use in forming each kind of stroke.

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



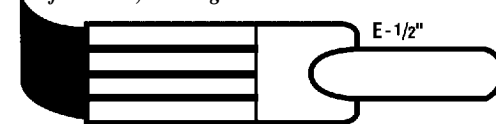
Ask your Fine Art Dealer for Speedball® Hunt pen points and holders.

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

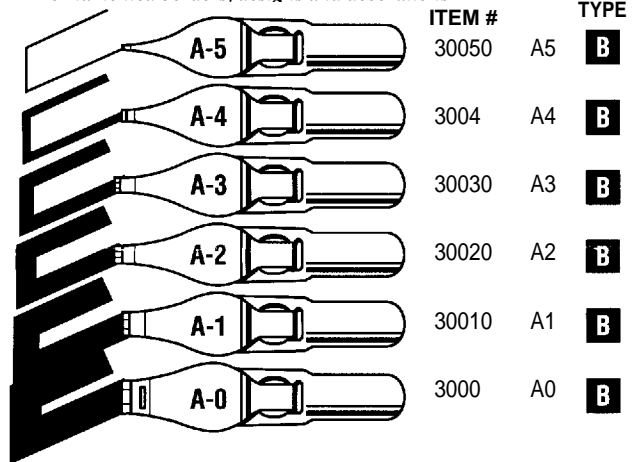
USE PEN HOLDER TYPE
3/4" **B**
1/2" WITH ALL 4
3/8" STEEL
1/4" BRUSHES

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

SPEEDBALL® Pen Points—Actual Size

STYLE 'A' SQUARE PEN POINTS

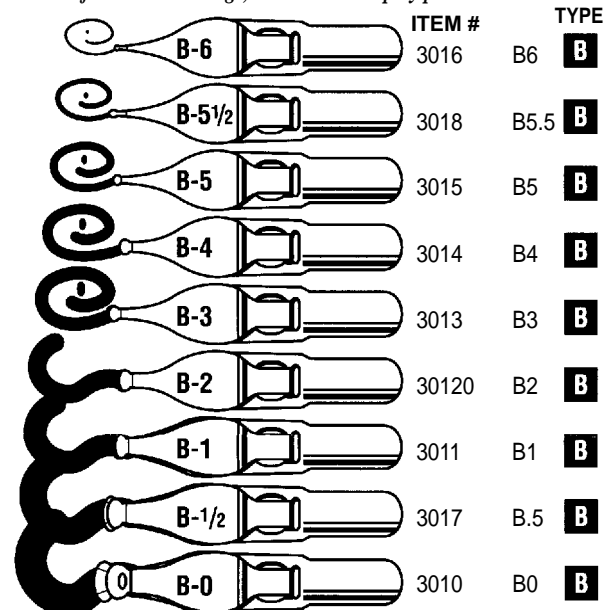
for creating black and poster Gothic letters, ornamented borders, designs and decorations



USE PEN HOLDER TYPE
B

STYLE 'B' ROUND PEN POINTS

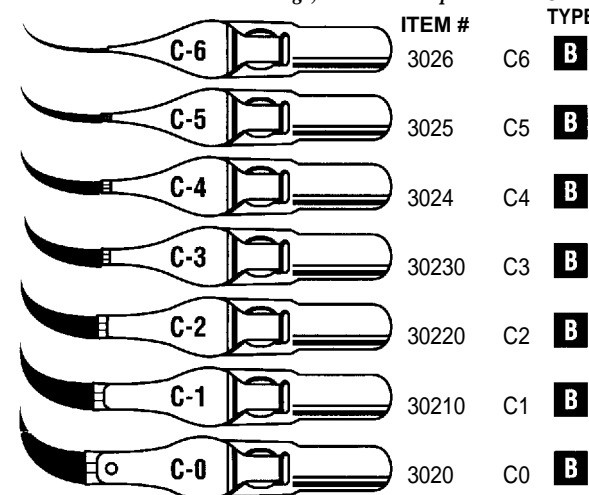
is ideal for Gothic or outline letters, cartoons, uniform line drawings, borders and display posters



USE PEN HOLDER TYPE
B

STYLE 'C' FLAT PEN POINTS

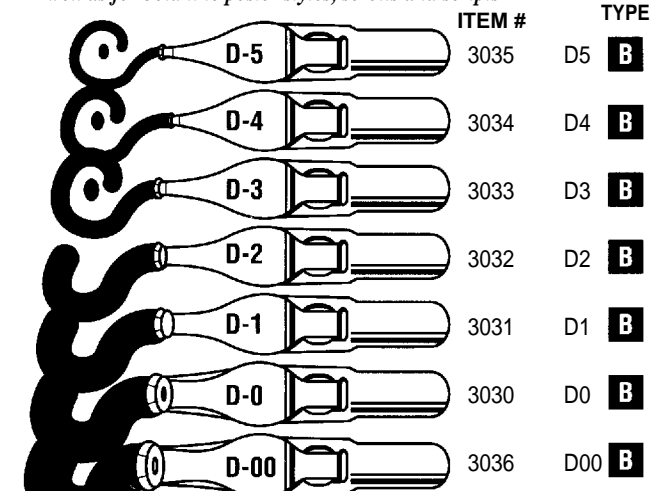
is designed for Roman, texts, and italic lettering, as well as accented line drawings, scrolls or scripts



USE PEN HOLDER TYPE
B

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



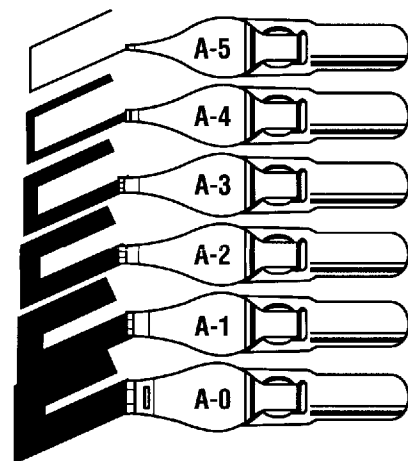
USE PEN HOLDER TYPE
B

Instruction Chart 1

This chart demonstrates two kinds of Gothic lettering—Type A, which is square, and Type B, which is round.

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

"A" SQUARE PEN POINTS



ITEM #

30050

3004

30030

30020

30010

3000

USE PEN
HOLDER
TYPE

A5

A4

A3

A2

A1

A0

B

B

B

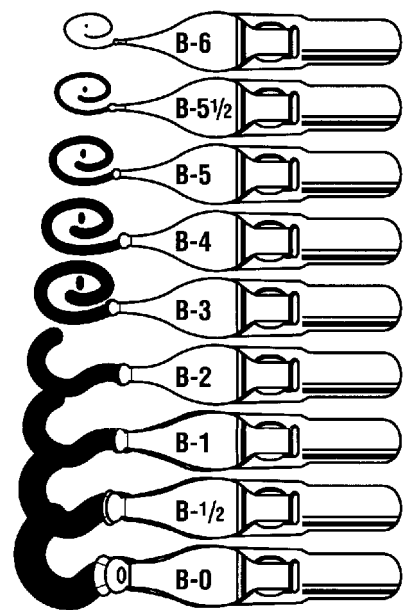
B

B

B

*

"B" ROUND PEN POINTS



ITEM #

3016

3018

3015

3014

3013

30120

3011

3017

3010

USE PEN
HOLDER
TYPE

B6

B5.5

B5

B4

B3

B2

B1

B.5

B0

B

B

B

B

B

B

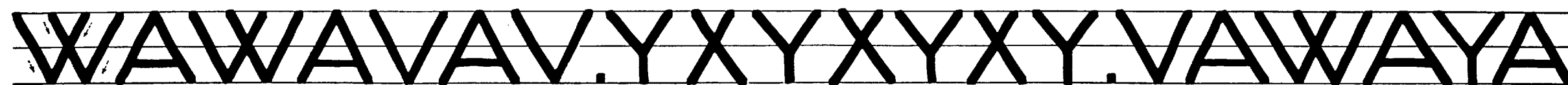
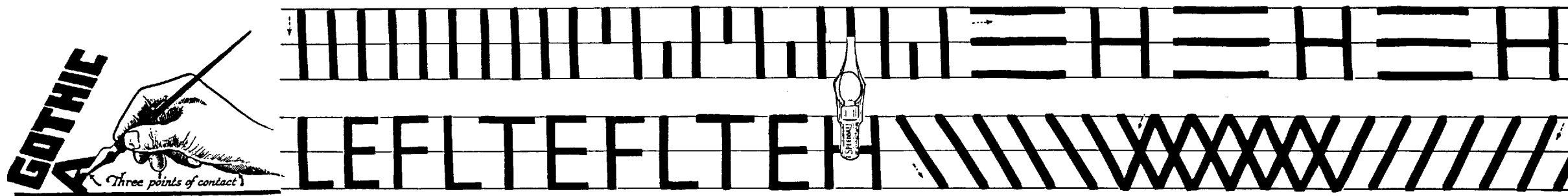
B

B

B

*

EXERCISES LEADING INTO THE CONSTRUCTION OF GOTHIC LETTERS




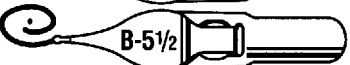

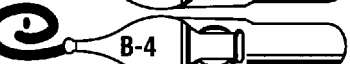
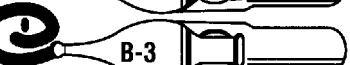
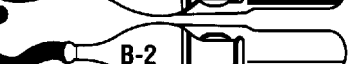

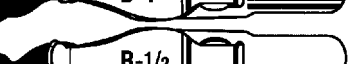
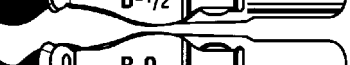
Use A3 and B4 Speedball pen points to create lettering the same size as these examples.

Instruction Chart 2

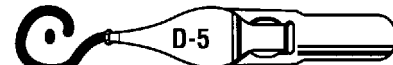
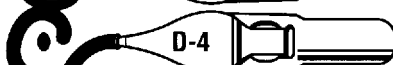
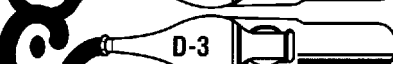
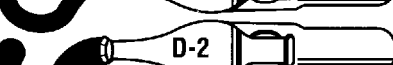
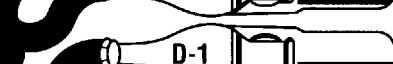


This chart demonstrates single-stroke Gothic alphabets.

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
	3016	B6 B
	3018	B5.5 B *
	3015	B5 B *
	3014	B4 B
	3013	B3 B
	30120	B2 B *
	3011	B1 B
	3017	B.5 B
	3010	B0 B

"D" OVAL PEN POINTS

	ITEM #	USE PEN HOLDER TYPE
	3035	D5 B
	3034	D4 B
	3033	D3 B *
	3032	D2 B
	3031	D1 B
	3030	D0 B
	3036	D00 B

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

SINGLE STROKE GOTHIC ALPHABETS

B2

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

B5

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

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

B2

\$ 1 2 3 4 5 6 7 8 8 9 ¢ \$ 1 2 3 4 5 6 7 8 9 ¢

B5-1/2

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 \$ 1 2 3 4 5 6 7 8 9 ¢
a b c d e f f g g h i j k k l m n o p q r s t t u v w x y y z *Flicker*

B2

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

B5

a b c c d e f g i j h k l m n o p q r s t u v w x y z

D3

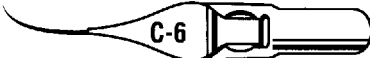
a b c d e f g i h j k l m n o p q r s t u v w x y z

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



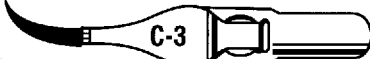
C-6



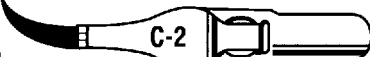
C-5



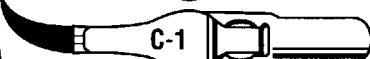
C-4




C-3



C-2



C-1



C-0

ITEM #

3026

3025

3024

30230

30220

30210

3020

USE PEN HOLDER TYPE

C6

C5

C4

C3

C2

C1

C0

B

B

B

B

B *

B

B

Left-Handed Pen Points

3054

3053

3052

30510

3050

3055

LC4

LC3

LC2

LC1

LC0

LC Set of 5

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

Single Stroke Speedball Roman Alphabets

abcdefghijklmnopqrstuvwxyz



ABCDEFGHIJKLMNOPQRSTUVWXYZ



TUVWXYZZ&?\$123456789¢



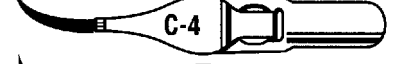
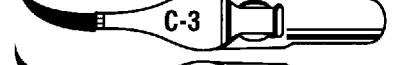
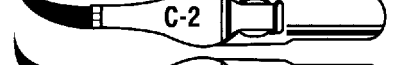
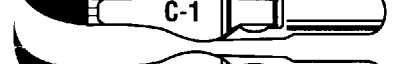
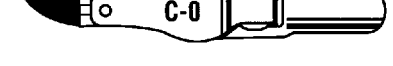


Instruction Chart 5

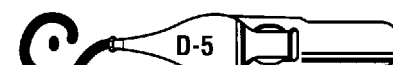
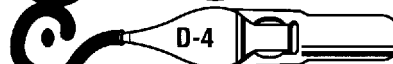
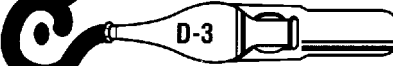
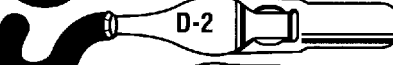

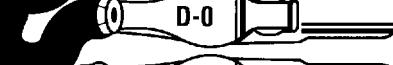

This chart demonstrates Roman italics and bold italic alphabets.

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
	3026	C6 B
	3025	C5 B
	3024	C4 B
	30230	C3 B *
	30220	C2 B
	30210	C1 B
	3020	C0 B

"D" OVAL PEN POINTS

	ITEM #	USE PEN HOLDER TYPE
	3035	D5 B
	3034	D4 B *
	3033	D3 B *
	3032	D2 B
	3031	D1 B
	3030	D0 B
	3036	D00 B

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

C3

a e v Roman Italics single-stroke

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ

VWXYZ & \$ 1 2 3 4 5 6 7 8 9 ¢ WXYZ

ABCDEFGHIJKLMN O PQRSTU V

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

D3

\$12345.abcdefghijklmnopqrstuvwxyz 6789¢

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

D4

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

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

\$12345.abcdefghijklmnopqrstuvwxyz 6789¢

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

Number 5 in a series of 10 lessons from the *Speedball Textbook*, courtesy of Speedball Art Products Company, Statesville, NC
This method of illustration and system of instruction ©1932, 1941 by Ross F. George. Revised 1998 by Speedball Art Products Company.



We Bring Creativity to Life™

Manufacturer of
Speedball® Calligraphy Products
Speedball Pen Points, Holders and Inks
Elegant Writer Calligraphy Pens and Kits
Panache Calligraphy Pens, Inks and Kits

P.O. Box 5157 • Statesville, NC 28687
©1998 Speedball Art Products Company
Made in USA

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

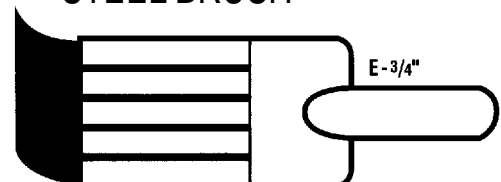

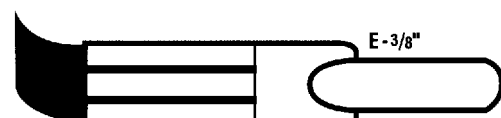

D3
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

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			USE PEN HOLDER TYPE
	E-3/4"	ITEM # 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.

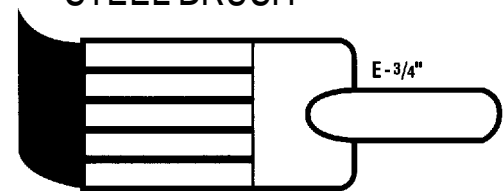
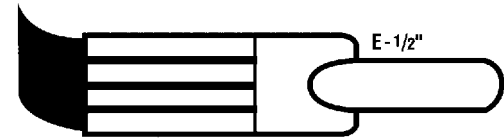
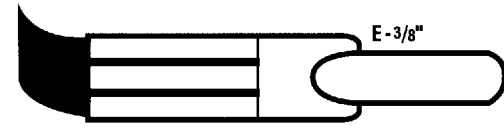



Instruction Chart 7 (Part II)

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

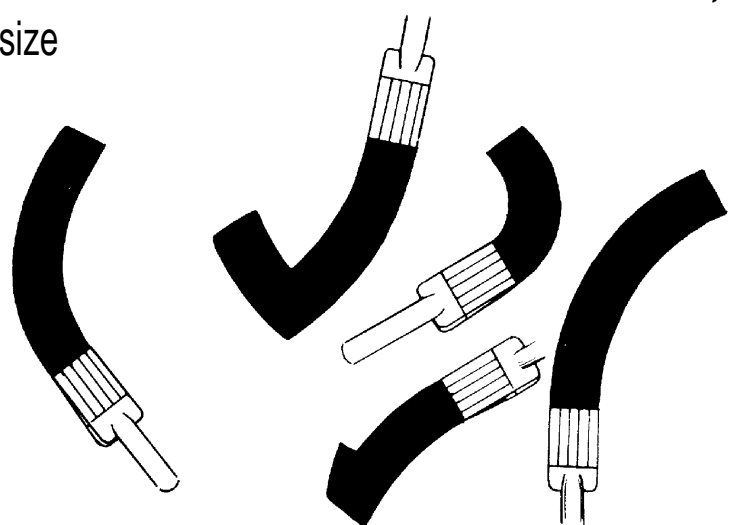
A variation on the steel brush strokes used for Condensed Roman can produce beautiful Old English lettering.

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

STEEL BRUSH				USE PEN HOLDER TYPE	
	E-3/4"	ITEM #	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.

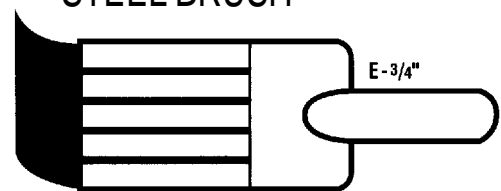
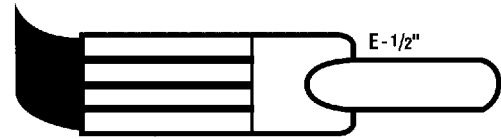
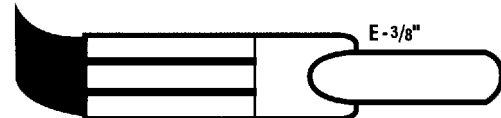

BASIC STROKES to create this fast Gothic alphabet wherein the full width of the steel brush is used in any direction. Arcs made by twirling the brush.



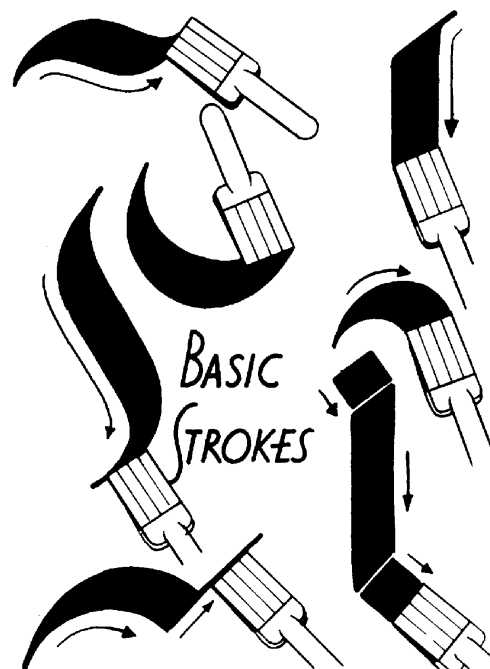
Instruction Chart 9

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 *

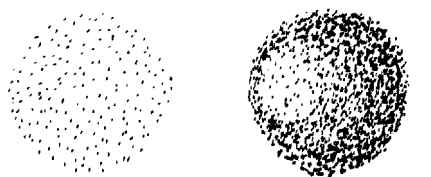
Use E-1/4" Speedball steel brush to create lettering the same size as these examples.



Instruction Chart 10

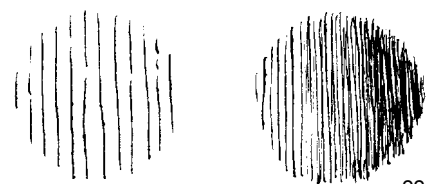
7 BASIC STROKES

STIPPLING



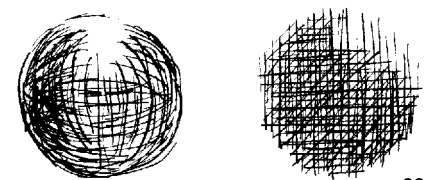
C5

PARALLEL LINES



22-B Extra Fine

CROSSHATCHING



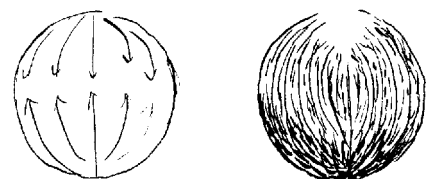
22-B Extra Fine

CRISSCROSS LINES



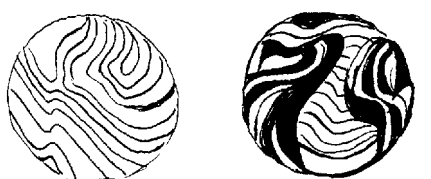
C5

CONTOURED LINES



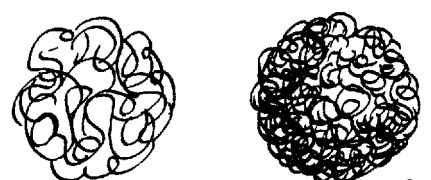
22-B Extra Fine

WAVY LINES



22-B Extra Fine

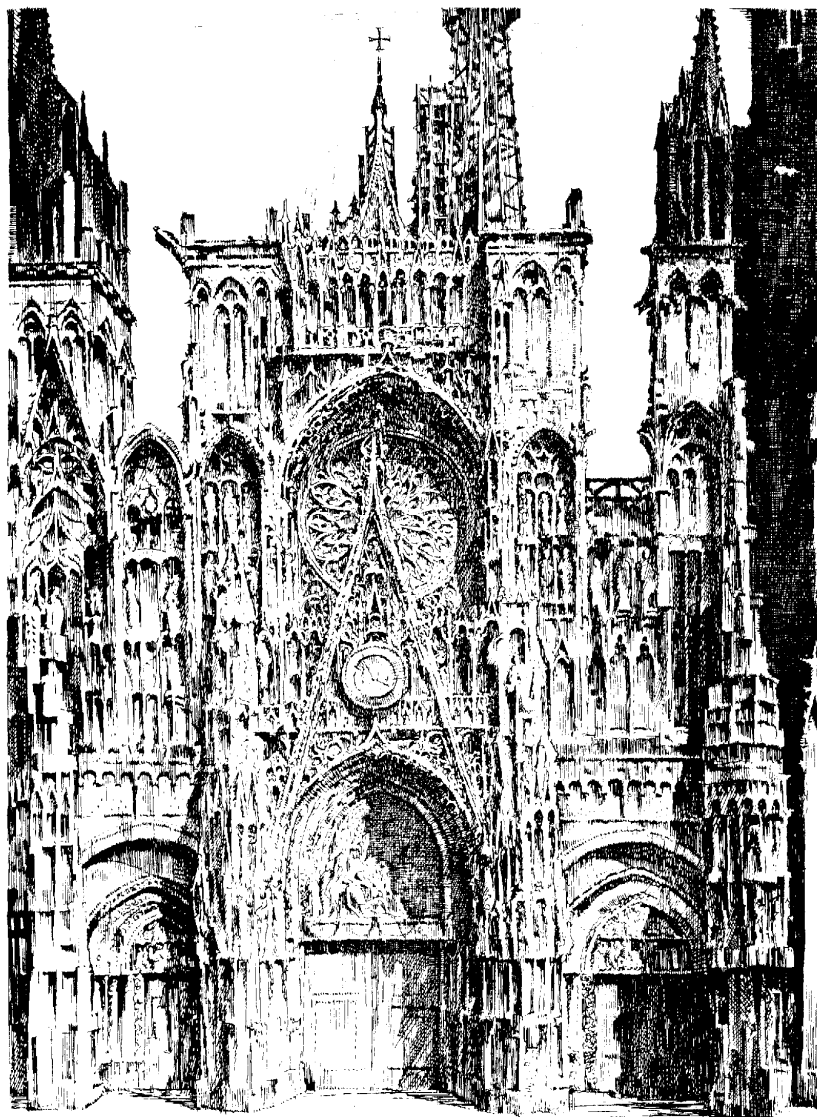
SCRIBBLE



C5

HUNT®

Drawing, Artist & Mapping Points & Holders

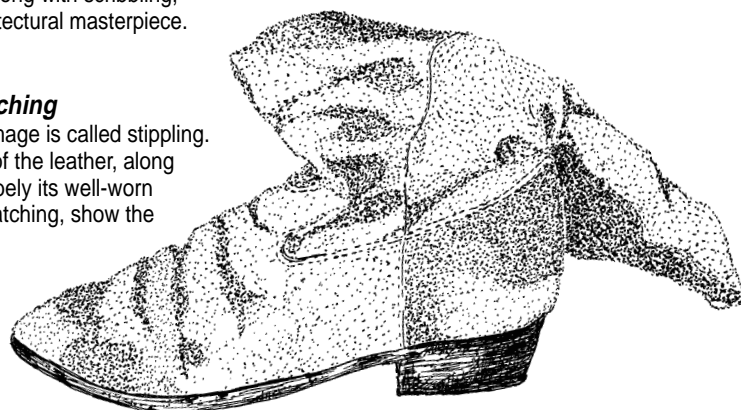


Combination

The Rouen Cathedral—one of Earl Horte'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%.



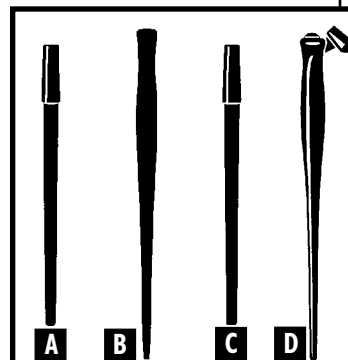
Combination

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

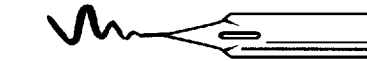
56-SCHOOL - Fine, bronze finish drawing pen for art school, stiff action.



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

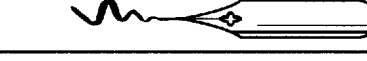
102-CROW QUILL - America's most popular art pen. Superfine and flexible.



9402

A

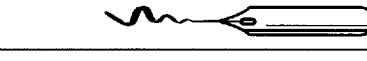
103-MAPPING - For mapping and fine line work.



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

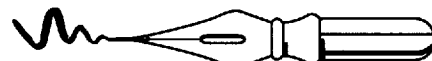
108-FLEXIBLE QUILL - Bronze finish quill pen for cross-hatching, flourishing, lithography.



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

Speedball®
Art Products Company

We Bring Creativity to Life™

Manufacturer of
Speedball Pen Points, Holders and Inks

P.O. Box 5157 • Statesville, NC 28687

©1998 Speedball Art Products Company
Made in USA