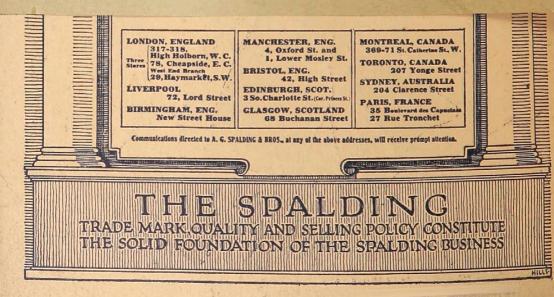


Prices quoted on items listed below go into effect November 5, 1916. Description and cut of each article will be found in Winter Retail catalogue herewith on pages listed below.

Page 37. Leather and Worsted Belts No. 400. Black leather. Each, \$ .90 No. 4-0. Black leather. 1.00 No. 801. Tan or black leather. 1.00 No. 800. Tan or black leather. 7.75 No. 725. Tan, orange or black. 60 No. 754. Nickel harness buckle. 50	Page 75 Spalding Street Shoes No. LS. Low cut, calf uppers. Pair, \$7.00 No. HS. High cut, calf uppers. 8.00 No. SB. High blucher cut. 8.00 No. VB. High cut, black kid. 8.00 No. AWB. High blucher cut. 8.00 Page 76. No. BT. High cut Pair, \$7.00
No. 400. Genuine pigskin. Each, .75 No. 100. Tan or black belt leather	No. WCB. Tan feather, women's sizes, 5.50 No. WHB. Women's tramping shoes. 10.00 Page 81. Spalding "Olympic Championship" Running and Jumping Shoes
Page 38. Improved Ankle Supporter No. H. Soft tan leather. Pair, \$1.75 No. H2. Tan leather. 1.25 No. SH. Sheepskin, seamless	No. 3-0. Lightest running shoe made, Pr., \$6.50 No. 2-0. Extremely light. 6.50 No. 14C. For long-distance races 5.50 No. 14H. Specially stiffened soles. 7.00 Page 82. Spalding Outdoor Ranning and
Page 39. Safety Device. Complete, 18.00 Aviators' Safety Helmets  No. 1. Heavy moulded leather. Each, \$9.00 No. 2. Heavy moulded leather. 7.50	Jumping Shoes  No. 14V. High cutpole-vaulting shoes. Pr. \$7.00  No. 210. Indoor jumping shoes. 5-50  No. 112S. Indoor running shoes. 450  No. 114. Leather uppers, rub. tap soles. 3.50  3.50
Aviation Hoods No. 3. Black leather, fleece lining. Ea., 8.00 Page 60. Tug-of-War Belt. Each, 45.00	Page 83.  No. MH. High cut, light weight. Pair, \$5.50  No. 14W. '' Olympic Championship' walking shoes.  No. 14J. Outdoor jumping shoes.  5.50
Tug-of-War sleeve. "6.00  Page 73. Gymnasium Shoes No. 15. Kangaroo, elkskin soles. Pair, 6.00 No. 166. Leather, electric soles. "4.00 No. 66L. Women's, low cut, light, "4.00 No. 21. High cut black leather. "3.25	Page 85. Spalding Squash Shoez No. BG. Low cut, Eng. white buck. Pr., \$10.00 No. AG. Low cut, drab calf. 6.50 No. AGL. Women's sizes, same as AG. 6.50
No. 66L. Women's, low cut, light. 4.00 No. 21. High cut black leather. 3.25  Spalding Basket Ball Shoes No. AB. High cut drab leather Pair, \$6.00	No. BBH. Lawn Tennis Shoes. No. 148. Bowling Shoes. Page 87. Dancing Slippers
No. BBL. Women's, high cut black. "5.00  Page 74 Gymnasium and Acrobatic Shoes No. FN. Leather uppers, rub. sole. Pair, \$5.00 No. FL. Canvas, leather soles. "1.75 Doz. No. FE. Extra high cut canvas. "1.50 \$16.20 No. GWH. High cut, pearl col. leather. "2.00 No. GW. Low cut, pearl col. leather. "1.50	No. DS. Above size 7. Pair, \$3.50  Page 88. Golf Shoes  No. 8. High cut, tan calf. Pair, 8.00  No. 4. High cut, tan calf. 7.50  No. GB. Low cut, rubber soles. 5.50  No. 6. Low cut, extra heavy soles. 7.50  No. 5. Low cut, tan calf. 6.50  No.WGT.Women's low cut, tan calf. 8.00
PAGE 17. No. 360T. Women	



#### SPALDING WINTER CATALOGUE, 1916

18 25

THE SPALDING TRADE-MARK IS REGISTERED IN THE UNITED STATES PATENT OFFICE, AND WE HAVE ALSO
PROTECTED OUR INTERESTS BY THIRTY-NINE REGISTRATIONS IN FOREIGN
COUNTRIES, INFRINGERS ARE WARNED.

# THE SPALDING POLICY



## THE SPALDING GUARANTEE

DIRECT FROM FACTORY TO CONSUMER THROUGH THE MEDIUM OF THE RETAIL DEALER

SPALDING ATHLETIC GOODS are on sale in stores located in practically every town of any size in the United States, and at our various stores. (See inside front cover), We prefer that you patronize your local dealer, but we will furnish our goods direct to consumers where they cannot be obtained or will not be furnished by the local dealer under the conditions named below.

PRICES ON SPALDING TRADE-MARKED GOODS are based entirely upon the cost of manufacture, with a reasonable manufacturer's profit, and a reasonable profit to the retail dealer added. Sales are made at catalogue prices, except that for special orders by express or distant points, the retail dealer is justified in asking a reasonable amount in excess of our catalogue prices to cover express and other charges.

WE GUARANTEE TO EACH PURCHASER of an article bearing the SPALDING TRADE-MARK that such article will give satisfaction and a reasonable amount of service when used for the purpose for which it was intended and under ordinary conditions and fair treatment.

WE AGREE to repair or replace, free of charge, any such article which proves defective in material or work. manship where subjected to fair treatment: PROVIDED, such defective article is returned to us, transportation prepaid, within thirty days after purchase (except where otherwise stipulated on special guarantee tag attached to certain articles) and accompanied by a letter from the user, giving his name and address, and explaining the claim.

### ADVANCING PRICES

Nearly every manufacturer is confronted at a time like this with the alternative of either advancing his selling prices, accepting less profits, or reducing the quality of his goods. The third alternative, reducing quality, is one that we have never accepted when faced with a rising market in the cost of raw materials, and we hope we will never have to. The quality of Spalding athletic goods is proverbial, and we want it to mean just as much each season in the future as it has in the past. It is the rock upon which this business has been built, and we believe that with the situation understood by our customers they will applaud our action in keeping up the quality of every article that we turn out, even where, in order to preserve a fair profit, we may have to increase prices. As things are now, we cannot guarantee that the prices on any of our goods will last for any definite time; but we will try, just as we have done in the past, to give due notice of intended changes in prices.

### QUALITY

is the first and cardinal principle of the Spalding business. This has never been forgotton. It has been the idea that has been driven home most strongly by the founders of this business in their talks and instructions to factory managers. It is the promise that has been made to every man sent out on the road and to every salesman placed in a Spalding store, a promise that when they make the statement to a customer that Spalding quality is best, they will never have to take their word back—the Spalding guarantee meaning that no trouble or expense will be spared in producing every article bearing the Spalding Trade-Mark the best that can be produced—best material, best workmanship, best design—all tending to make in each athletic article put out by A. G. Spalding & Bros., Spalding Quality, as representing the best made anywhere.

Goods of other manufacturers may be offered at prices less than those quoted in our catalogue, but only by degrading quality. No one can furnish athletic goods of equal

quality at less than we quote.

Oct. 5, 1916.

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Al Spalding rhos

ESTABLISHED A. D. 1876



### A.G. SPALDING & BROS

MAINTAIN THEIR OWN HOUSES FOR DISTRIBUTING THE

### SPALDING

ATHLETIC GOODS

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VID

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Communications directed to A. C. SPALDING & BROS., at any of the above addresses, will receive prompt attention.

THE SPALDING

TRADE MARK QUALITY AND SELLING POLICY CONSTITUTE THE SOLID FOUNDATION OF THE SPAUDING BUSINESS

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#### SPALDING "SALCHOW MODEL" EXPERT FIGURE SKATES

Ulrich Salchow, world's champion figure skater, uses a model skate that Ulrich Salchow, world's champion figure skater, uses a model skate that is recognized universally as the best in every particular for figure skating.

This skate, which A. G. Spalding & Bros. have the exclusive right to market in the United States and Canada, is made in Sweden under Mr. Salchow's personal direction. Every pair positively passes under his own inspection. The Salchow mark will be found upon every pair of Spalding

Nos. SR and SRL figure skates.

SPALDING

No. SR Figure Skate. Men's. Salchow Model

No. SR. Two-stanchion skates, special welded construction, giving the absolute rigidity re-quired in a figure skate for expert use. Best quality Swedish steel, specially tempered blades. Round toes, with special teeth. Sizes 9½, 10, 10½, 11, 11½, 12 inches. Pair, \$15.00

A. G. Spalding & Bros. have the exclusive right to market the genuine "Salchow Model" Figure Skates in the United States and Canada



No. SRL Figure Skate. Women's. Salchow Model

No. SRL. Similar style to No. SR, but made slightly lighter and in women's sizes. Two stanchions, round toes, special teeth. Sizes 8½, 9, 9½, 10, 10½ inches. ULRICH SALCHOW, World's Champion Figure Skater Uses the Spalding "Salchow Model" exclusively Pair, \$15.00



Showing No. SR Figure Skate, Salchow Model, attached to Spalding No. 300 Shoe for Men. Complete Outfit, Skates and Shoes. Pair, \$25.00



Showing No. SRL Figure Skate, Salchow Model, attached to Spalding No. 310 Shoe for Women, Complete Outfit, Skates and Shoes. Pair, \$25.00

Other Spalding Figure Skating Shoes Listed on Pages 16, 17.



#### SPALDING AMERICAN MADE FIGURE SKATES



Spalding "American Made" Figure Skates will come to mean more and more each season from now on, with the demand for correct model figure skates on a steady increase, due to the opening of so many first-class rinks in the big cities.

# Spalding "Boston Model" Figure Skate No.SS SPALDING

### No. SS. "BOSTON MODEL" FIGURE SKATES FOR MEN

### No. RR. "AMERICAN MODEL" FIGURE SKATES FOR MEN

This skate is an American made copy of the best foreign model (Spalding No. SR, see Page 3). Special treated Synthloy steel, hardened and tempered, finely polished, heavily nickel-plated and buffed. Sizes 9½, 10, 10½, 11, 11½, 12 inches. Pair, \$10.00 No. RRL. For women. Otherwise as No. RR. Sizes, 8½, 9, 9½, 10, 10½ inches. Pair, \$10.00



We recommend following Skate Shoe Outfits:

No. SS skates with No. 300 shoes, for men. Pair, \$25.00

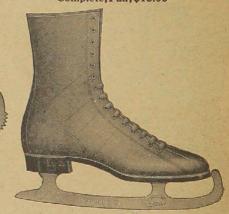
No. SSL skates with No. 310TK (tan kid) shoes, for women. . . . . . . . . . . . . . . . . Pair, \$27.00

No. RR skates with No. 300 shoes, for men. Pair, \$20.00

No. RRL skates with No. 310 shoes, for women. Pair, \$20.00



SPECIAL SKATE SHOE OUTFIT No. SS9
FOR WOMEN AND GIRLS.
Complete, Pair, \$15.00



Shoes in this outfit have full heels and are of good quality calf in either tan or black. (Mention which is desired when ordering.) Skates are our regular No. RRL "American Model" figure skates as listed above. This outfit is carried in stock complete with skates attached to shoes. As it is a special offer, shoes cannot be furnished separately.

All Skates listed in this catalogue (except Nos. SR and SRL) made in Spalding Skate Factory, Chicopee, Mass.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE







Genuine "Charlotte" Skates of her latest patented model are manufactured by A. G. Spalding & Bros. The premier woman figure skater of the world wears Spalding made skates exclusively, and she has given us exclusive permission to stamp her Trade-Mark on the special "Charlotte" (Reg. U. S. Pat. Off.) Model Figure Skates which we are supplying to our customers.



The most graceful and altogether satisfactory woman's figure skate ever manufactured.

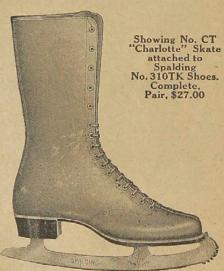
Made by A. G. Spalding & Bros. in the Spalding Skate Factory at Chicopee, Mass.

No. CT. "Charlotte" Model Figure Skates for women, patented design, special treated Synthloy steel, extra special finish, polished, nickel-plated and buffed. Sizes 81/2, 9, 9½, 10, 10½ inches. Pair, \$15.00

We recommend following skate shoe combinations.

No. CT. "Charlotte" Model Skates attached to No.310TK (tan kid) Shoes, complete.

Pair, \$27.00



Front

View

Above

Outfit

of



The Spalding "Charlotte" Model **Figure** Skate Is the style "Charlotte, who is now on tour of the United States with her ice skate

ballet.

wears

exclusively

SPECIAL NOTE. No. 310 TK Shoes are similar model to our No. 310 Women's Black Kangaroo Figure Skating Shoes, which are worn now by practically every expert woman skater in this country. The No. 310 TK in tan kid, but similar model to the No. 310, we believe provides a most pleasing variation, and in combination with the "Charlotte" Model Skate makes a really wonderful outfit in every respect.

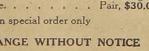
No. CT. "Charlotte" Model Skates attached to No. 310 Shoes, complete. . . . . . . . . . . Pair, \$25.00

See Page 17 for cuts and descriptions of No. 310 Shoes and other styles.

We can supply also, but only on special order-not carried in stock.

The "Charlotte" Figure Skating Outfit, consisting of No. CT "Charlotte" Model Skates attached to Special No. 310W White Calf Shoes, (No. 310W Shoes are not recommended for any but rink and exhibition figure skating) outfit, complete. . . . . . . Pair, \$30.00

Supplied on special order only









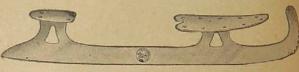
#### SPALDING INTERNATIONAL FIGURE SKATES

FOR RINK AND FANCY SKATING

No. KR. For men. Correct model figure skates. Blades of special treated Synthloy steel, hardened and tempered, very special polished, nickel-plated and buffed. Plates extra finely polished, nickel-plated and buffed. Pair, \$7.50 Sizes 9½, 10, 10½, 11, 11½, 12 inches.

No KRL. For women, Otherwise same as No. KR. Pair, \$7.50 Sizes 8½, 9, 9½, 10, 10½ inches.

> See Men's and Women's International Skate and Shoe Outfits listed below.



Spalding International Figure Skate No. KR.

### SPALDING INTERNATIONAL FIGURE SKATING OUTFITS FOR MEN

No. KR300. Consisting of No. KR Figure Skates attached to Spalding Special Figure Skating Shoes No. 300, for men. (See cut). Price complete, \$17.50 Pair No. KR336. Consisting of No. KR Figure Skates attached to Spalding Skating Shoes No. 336, for men. (See cut). Price complete, \$13.50 Pair

### SPALDING INTERNATIONAL FIGURE SKATING OUTFITS FOR WOMEN

No. KRL310. Consisting of No. KRL Figure Skates attached to Spalding Special Figure Skating Shoes No. 310, for women. (See cut). Price complete, \$17.50 Pair No. KRL110C. Consisting of No. KRL Figure Skates attached to Spalding Special Figure Skating Shoes No. 110C, for women. (See cut). Price complete, \$15.50 Pair No. KRL110K. Consisting of No. KRL Figure Skates attached to Spalding Special Figure Skating Shoes No. 110K, for women. (Note, No. 110K shoes are similar to No. 110C but of black glazed kid instead of pearl chrome leather. Price complete, \$15.50 Pair







All Skates listed in this Catalogue (except Nos. SR and SRL) made by A. G. Spalding & Bros. in the Spalding Skate Factory, Chicopee, Mass.



### SPALDING Continental FIGURE SKATES FOR RINK AND FANCY SKATING

No. CR. For men or women. Correct model Figure Skates. Blades of Synthite steel, hardened and tempered, very special polished, plated and buffed. Plates finely polished, plated and buffed. Pr., \$6.00 Sizes 8½, 9, 9½, 10, 10½, 11, 11½ inches.

We recommend following skate shoe outfits:

Men's Continental Figure Skating Outfit Including No. CR Skates and No. 336 Shoes. Complete, attached. Pair, \$12.00 (See Page 16 for Description and Cut of No. 336 Shoes)

Women's Continental Figure Skating Outfit Including No. CR Skates and No. 350 Shoes. Complete, attached. (See Cut). Pair, \$12.00



Spalding Continental Figure Skate No. CR



No. SS8. Shoes in this outfit have full heels and are of good quality black calf. Skates are our regular No. CR Continental Figure Skates as listed above. This outfit is carried in stock complete with skates attached to shoes. As it is a special offer, shoes cannot be furnished separately. Complete. Pair, \$10.00

SPALDING Carrairon FIGURE SKATES
FOR RINK AND FANCY SKATING

No. HR. For men and women. Correct model Figure Skates. Blades of Laminal steel, hardened and tempered, extra finely polished, plated and buffed. Plates polished, nickel-plated and buffed. Pair, \$5.00 Sizes 8½, 9, 9½, 10, 10½, 11, 11½ inches.

We recommend following skate shoe outfits:

Men's Carnival Figure Skating Outfit Including No. HR Skates and No. 332 Shoes. Complete, attached. (See Cut) . . Pair, \$9.00

Women's Carnival Figure Skating Outfit Including No. HR Skates and No. 330 Shoes. Complete, attached. Pair, \$9.00 (See Page 17 for description and cut of No. 330 Shoe)



Spalding Carnival Figure Skate No. HR



No. SS6. Shoes in this outfit have full heels and are of good quality calf in either tan or black (mention which is desired when ordering). Skates are our regular No. HR Carnival Figure Skates as listed above. Pair, \$10.00

All skates listed in this Catalogue (except Nos. SR and SRL) made by A. G. Spalding & Bros. in the Spalding Skate Factory, Chicopee, Mass.



### SPALDING Sulograph HOCKEY SKATES



Spalding "Autograph" Hockey Skates, Nos. XXS and XXW. Pair, \$7.50



No. XXS or No. XXW "Autograph" Hockey Skates fastened to Spalding Shoes No. 339 Extra Expert The Quality Hockey Skate and Shoe Combination. Complete, Pair, \$12.50

In these skates Nos. XXS and XXW we give the extra quality required by the expert hockey player, not only in its general design, special features of which have been passed on or suggested by some of the most prominent players on college teams in this country, but, and which is equally important, the steel used and the special construction employed is all that the best factory equipment. backed by the most expert skill, experience and practical playing knowledge can produce. We are featuring two styles, No. XXS with splayed blades and No. XXW with wide blades 5-32 inch. Both are of special treated Synthloy steel, hardened and tempered, very special polished, nickel-plated and buffed. Plates and other parts all extra finely polished, nickel-plated and buffed.

Sizes 9½, 10, 10½, 11, 11½, 12 inches

No. XXS. Spalding "Autograph" Hockey Skates. (Extra Expert) Splayed blades. . . . Pair, \$7.50

No. XXW. Spalding "Autograph" Hockey Skates, Wide blades, 5-32 inch. . . . . . . Pair, \$7.50 Spalding "Autograph" Hockey Skates,

Price for No. XXS or No. XXW Skates, including Spalding No. 339 Shoes. Complete, attached. Pair \$12.50

### SPALDING Intercollegiate HOCKEY SKATES



No. XHN. Spalding "Intercollegiate" Narrow Blade (3-32 in.) Expert Hockey Skate. Pair, \$5.00

No. XHW is similar to above but with wide (5-32 in.) Blade



Women's "Intercollegiate" Hockey outfit, including "Intercollegiate" Hockey Skates No. XHW fastened to Spalding Shoes No. 370, for Women or Girls. Complete, Pair, \$10.50

Men's "Intercollegiate" Hockey Outfit, including No. XHN or No. XHW Skates, fastened to Spalding Shoes No. 339. Complete, Pair, \$10.00 Blades are of Synthloy steel, hardened and tempered, very special polished, plated and buffed. Plates extra fine polished, plated and buffed. Sizes 9, 9½, 10, 10½, 11, 11½, 12 inches No. XHN. Spalding "Intercollegiate" Expert Hockey Skates. Narrow blades, 3-32 inch. Pair, \$5.00 No. XHW. Same as No. XHN, except wide blade, 5-32 inch. Pair, \$5.00 No. XHW. Same as No. XHN, except wide blade, 5-32 inch. Pair, \$5.00 No. XHW. Same as No. XHN, except wide blade, 5-32 inch. Pair, \$5.00 No. XHW.

We recommend following Skate Shoe Outfits:

Men's "Intercollegiate" Hockey Outfit, Including either No. XHN or No. XHW Skates, and No. 339 Shoes, complete, attached.

Women's "Intercollegiate" Hockey Outfit, Including No. XHW Skates and No. 370 Shoes, complete, attached.

Pair, \$10.50

SPECIAL NOTICE. The skates listed on this page are built to be used on Spalding Men's Shoes No. 339, or Spalding Women's Shoes No. 370, or some other style made similarly. They cannot be used to good advantage on ordinary street shoes, nor with heavy skating shoes made with full heels. All skates listed in this Catalogue (except Nos. SR and SRL) made by A. G. Spalding & Bros, in the Spalding

Skate Factory, Chicopee, Mass. ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

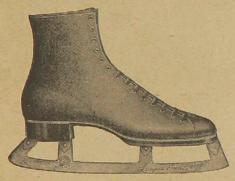




### SPALDING League Hockey HOCKEY SKATES AND SKATE SHOE OUTFITS



No. XS. Spalding "League Hockey" Skate. Pair, \$5.00



Women's "League" Outfit, including "League Hockey" Skates No. XS, fastened to Spalding Shoes No. 350, for Women or Girls. Complete, Pair, \$11.00



Men's "League" Outfit, including "League Hockey" Skates No. XS fastened to Spalding Shoes No. 336. Complete, Pair, \$11.00

Blades of special treated Synthloy steel, hardened and tempered, specially polished, nickel plated and buffed. Plates extra fine polished, plated and buffed.

Sizes 8½, 9, 9½, 10, 10½, 11, 11½ inches

No. XS. Spalding "League Hockey" Skates. Pair, \$5.00

We recommend following Skate Shoe Outfits:

Men's "League" Outfit, including No. XS Skates and No. 336 Shoes, complete, attached. Pair, \$11.00 Women's "League" Outfit, including No. XS Skates and No. 350 Shoes, complete, attached. Pair, \$11.00

#### SPECIAL SKATE SHOE OUTFIT

No. SS7 FOR MEN AND BOYS Complete, Pair, \$10.00

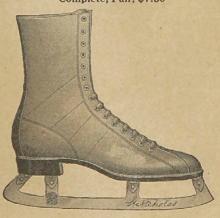


Shoes in this outfit have full heels and are of good quality black calf. Skates are our regular No. XS "League Hockey," as listed above. This outfit is carried in stock complete, with skates attached to shoes. As this is a special offer, shoes cannot be furnished separately.

All Skates listed in this Catalogue (except Nos. SR and SRL) made by A. G. Spalding & Bros. in the Spalding Skate Factory, Chicopee, Mass.

#### SPECIAL SKATE SHOE OUTFIT

No. SS5 FOR WOMEN AND GIRLS Complete, Pair, \$7.50



Shoes in this outfit have full heels and are of good quality calf, in either tan or black. (Mention which is desired when ordering.) Skates are combination model equally suitable for either hockey, rink, or general skating. This outfit is carried in stock, complete, with skates attached to shoes. As it is a special offer, skates or shoes cannot be furnished separately.



### SPALDING Challenge, COMBINATION SKATES



No. XE. Spalding "Challenge" Combination Skate. Pair, \$4.00



Women's Outfit. Including "Challenge" Combination Skates No. XE, fastened to Spalding Shoes No. 330, for Women or Girls. Complete, Pair, \$8.00.



Men's Outfit. Including "Challenge" Combination Skates No. XE, fastened to Spalding Shoes No. 332. Complete, Pair, \$8.00

Blades of Synthite steel, hardened and tempered, extra

Blades of Synthite steel, hardened and tempered, extra finely polished, nickel-plated and buffed. Plates and other parts polished, plated and buffed. Sizes 8½, 9, 9½, 10, 10½, 11, 11½ inches. No. XE. Spalding "Challenge" Combination Skates. Equally suitable for either hockey, rink or general skating. Pair, \$4.00

330 Shoes, complete, attached. . . . Pair, \$8.00

#### SPALDING Hacke HOCKEY SKATES



No. XK. Spalding "Hockey Club" Skate. Pair, \$4.00



Women's Outfit. Including "Hockey Club" Skates No. XK, fastened to Spalding Shoes No. 330, for Women or Girls. Complete, Pair, \$8.00.



Men's Outfit. Including "Hockey Club" Skates No. XK, fastened to Spalding Shoes No. 332. Complete Pair, \$8.00

Blades of Synthite steel, hardened and tempered, extra finely polished, nickel-plated and buffed. Plates and other parts polished, plated and buffed. Sizes 8½, 9, 9½, 10, 10½, 11, 11½ inches.

No. XK. Spalding "Hockey Club" Skates. Pair, \$4.00

We recommend following skate shoe outfits.

Men's Outfit. Including No. XK Skates and No. 332
Shoes, complete, attached. Pair, \$8.00

Women's Outfit. Including No. XK Skates and No. 330 Shoes, complete, attached. . . . . . Pair, \$8.00

All Skates listed in this Catalogue (except Nos. SR and SRL), made by A. G. Spalding & Bros. in the Spalding Skate Factory, Chicopee, Mass.



#### SPALDING **COMBINATION SKATES**

Equally Suitable for either Hockey, Rink or General Skating.

Sizes supplied in either Nos. XD or XC listed below: 8½, 9, 9½, 10, 10½, 11, 11½ inches.

Spalding Arena Combination Skate No. XD Blades of Laminal Steel, hardened and tempered, very finely polished, nickel-plated and buffed. Plates and all parts nickel-plated and buffed, tops finely polished. No. XD. Spalding Arena Combination Skate. Pair, \$3.00



Style of Nos. XD and XC Spalding Combination Skates

Spalding Expert Combination Skate No. XC Similar in design to No. XD, but blades of Hykarbon steel, hardened and tempered, extra polished, nickel-plated and buffed. Plates nickel-plated and buffed. No. XC. Spalding Expert Combination Skate. Pair, \$1.50



Showing No. XD skate attached to No. 332 shoe. Showing No. AD skate and shoes. Pair, \$7.00 With No. XC skates instead attached to No. 332 shoes, Pair, \$5.50 This Above Outfits for Men or Boys



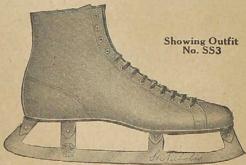
Showing No. XD skate attached to No. 330 women's shoe. This outfit complete, skates and shoes. Pair, \$7.00 With No. XC skates instead attached to No. 330 women's shoes, outfit complete, skates and shoes. Pair, \$5.50 shoes, outfit complete, skates and shoes. Pa Above Outfits for Women or Girls

SPALDING Stockolos SKATE AND SHOE OUTFITS

Skates included in these special outfits are Spalding Combination model, equally suitable for either hockey, rink or general skating with blades of Hykarbon steel, hardened and tempered, extra polished, nickel-plated and buffed. Skates included in outfits listed below will not be supplied separate from shoes.







Special St. Nicholas \$5.00 Outfit No. SS4 Supplied in all sizes up to 11½-inch skates. Shoes in this outfit are with heels, good quality black calf, substantially made.

Special St. Nicholas \$5.00 Outfit No. SS3 Supplied in all sizes up to 11½-inch skate. Shoes in this outfit are without heels, good quality black calf, well made.

Special St. Nicholas \$4.50 Outfit No. SS2 Supplied in sizes larger than size six shoes, and including size 11½-inch skates, attached. Shoes in this outfit are without heels; black calf.

Special St. Nicholas \$4.00 Outfit No. SS1 Supplied in sizes up to size six shoes only, with skates to fit, attached. Skates and shoes in \$4.00 outfit are same as in Outfit No. SS2 except in the matter of sizes supplied.



### SPALDING TUBULAR RACING SKATES



Showing Spalding Tubular Racing Skate, No. TRN or No. TRA attached to Spalding No. 337 Shoe

Very light weight, all tubular steel construction. Every joint well reinforced, making them the strongest tubular racing skates manufactured. Blades made of special Swedish steel, hardened and tempered, tapered from 1-16 inch at the toe to 1-32 inch at the heel. Toe and heel plates made of best partly hardened steel, left full size, so they can be cut to fit shoe. Furnished in two lengths of blades, 14½ and 15½ inches. Foot

plates arranged to fit small, medium or large size shoe. Specify size of shoe worn when ordering, also length of blade required. These skates are built for use with light racing shoes, Spalding No. 337 preferably. Our guarantee will not cover if heavy hockey or skating shoes are used.

On Special Orders we will supply the 14½-inch Tubular Racing Skates with Toe and Heel Plates arranged to fit Women's or Boys' Shoes.

No. TRN. Spalding Tubular Steel Racing Skates, polished, nickel-plated and buffed. . Pair, \$9.00 No. TRN Skates, including No. 337 Shoes, attached. Pair, \$14.50

No. TRA. Spalding Tubular Steel Racing Skates, aluminum finish. Pair, \$8.00
No. TRA Skates, including No. 337 Shoes, attached.
Pair, \$13.50

SPECIAL NOTE.—Runner Steels used in all Spalding Skates are manufactured to our exact specifications, are carefully analyzed when received and are then carefully hardened. Hardening temperatures are pyrometer checked, ensuring treatment that is mechanically perfect.

### SPALDING TUBULAR HOCKEY SKATES



Showing No. TH Spalding Tubular Hockey Skate attached to Spalding No. 339 Shoe

We have been manufacturing Tubular Hockey Skates now for eleven years, each year putting in some new improvement for the benefit of the hockey player. The 1916 Spalding model has the endorsement of actual use by the most famous players in Canada, in addition to many of the best in this country, who prefer the tubular construction. Runners of special treated Synthloy steel, hardened and tempered, very tough and absolutely the best obtainable for the purpose. Sizes 9½, 10, 10½, 11, 11½, 12 inch foot length.

All Skates listed in this Catologue (except Nos. SR and SRL) made by A. G. Spalding & Bros., at the Spalding Skate Factory, Chicopee, Mass.

Complete Line of Skating Shoes shown on Pages 16 and 17.

SPECIAL NOTE—All skates listed on this page except Nos. JS and JSL are made in the Spalding Combination Model, featuring special shaped blade, equally suitable for either hockey, rink or general skating. This is a Spalding model, original with us, and we think one of the best things ever put out in ice skates.

#### SPALDING ALL CLAMP COMBINATION SKATES

Equally suitable for either Hockey, Rink or General Skating. Exclusive Spalding Model, made in Spalding Skate Factory

Style or model of Nos, CC, BC and AC Combination Skates is similar to No, DC. These skates differ from the No. DC in quality of steel in blades and also in matter of finish.

Heel Clamps, Wing Design, with Security Spur

Pat. Jan 5, 1915.



No. DC, All Clamp Combination Skate

No. DC. Spalding All Clamp Combination Skate. Blades of synthite steel, hardened and tempered, extra finely polished, nickel-plated and buffed. Plates all polished, plated and buffed. Skates are equipped with strap catch on back, quite a convenient feature. Sizes 8½, 9,9½, 10, 10½, 11, 11½ inches. Pair, \$4.00

No. CC Model. Similar to No. DC. Blades of Hykarbon steel, hardened and tempered; very finely polished, nickel-plated and buffed. Plates all nickel-plated and buffed. Pair, \$2.50

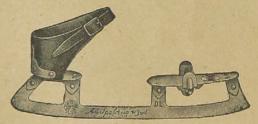
No. BC. Model. Similar to No. DC. Blades of Karbonite steel, hardened and tempered. Polished, nickel-plated and buffed. Plates bright nickel finish. Pair, \$1.00

#### SPALDING STRAP HEEL COMBINATION SKATES

EQUALLY SUITABLE FOR EITHER HOCKEY, RINK OR GENERAL SKATING
Exclusive Spalding Model. Made in the Spalding Skate Factory.

No. DL. Strap Heel Combination Model Skates. Blades of synthite steel, hardened and tempered, Blades, plates and all metal parts polished, nickel-plated and buffed. Good quality buckles and leather straps. Pair, \$4.00

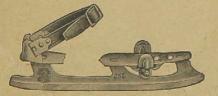
No. BL. Strap Heel Combination Model Skates. Style similar to No. DL (see cut). Blades of Karbonite steel, hardened and tempered; polished, nickel-plated and buffed. Plates bright nickel finish. Leather straps and good quality buckles. . . . . Pair, \$1.50



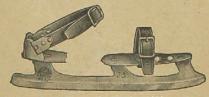
Sizes supplied in Nos. DL, CL and BL 8½, 9, 9½, 10, 10½ inches

#### SPALDING CHILDREN'S ICE SKATES

Made with extra wide single blade of special design to insure unusual stability. Sizes supplied, 7, 7½, 8, 8½ in.



No. JSL. Strap heel (see cut). Nickel-plated and polished. Blades of Kasteel, polished and plated. Pair, \$1.50



No. JS. Strapheel (see cut). Blades of Kasteel, polished, Pair, \$1.00

All skates listed in this catalogue (except Nos. SR and SRL) made by A. G. Spalding & Bros., at the Spalding Skate Factory, Chicopee, Mass.

COMPARATIVE ICE SKATE AND SHOE SIZES					
Shoe Sizes	Skates to be attached with Screws or Rivets	All Clamp Skates	Shoe Sizes	Skates to be attached with Screws or Rivets	All Clamp Skates
1, 1½, 2 2½, 3, 3½ 4, 4½, 5 5½, 6, 6½	SIZES 8½ 9 9 9½ 10	SIZES 9 9½ 10 10½	7, 7½, 8 8½, 9, 9½ 10, 10½, 11 11½, 12	SIZES 10½ 11 11½ 12	SIZES 11 11½ 12 12



#### SPALDING HOLDER FOR SHARPENING TUBULAR SKATES

With aid of this arrangement tubular racing and hockey skates can be kept in perfect condition with an oil stone. Holder will fit skates of tubular construc-



tion of any length. Extremely simple to manipulate. Ea.,\$1.00 NOTE-We can supply a very satisfactory quality oil stone, with proper oil, for use in sharpening tubular skates. Oil stone and oil complete. . . . . . . . . . . . \$1.50

#### SCABBARDS FOR BLADES OF TUBULAR SKATES



Leather Scabbards to protect blades of tubular racing or hockey skates. Mention size and style of skate when ordering. . . . . . . . . . . . Pair, \$1.50

#### SCABBARDS FOR BLADES OF HOCKEY SKATES



No. RS. Leather Scabbards to protect blades of various styles flat blade hockey skates. Mention size of skate when ordering. . . . . . . . . . . Pair, \$1.00

#### SCABBARDS FOR BLADES OF RINK SKATES



No. CS. Leather Scabbards to protect blades of curved bottom rink skates. Mention size and style of skate when

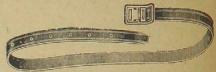
#### ordering. . . . . . . . . . . . . Pair, \$1.25

SPALDING TOE ATTACHMENT FOR RINK RACING When tubular racing skates are to be used in rinks it is generally made a rule that an extra attachment shall be worn to cover the un-

protected point of the skate. This is made of soft steel, with screw to attach to blade, and is long enough to permit adjustment to various sizes of skates.

Pair, 25c.

#### SPALDING PATENT BUCKLE SKATE STRAF



RUSSET OR BLACK

Simple of adjustment and secure. Quickly and permanently fastened at any point, adjustment not being restricted, as with ordinary skate straps, to distance between holes.

No. S8. Superior quality leather, 28-inch. Pair, 50c, No. S0. Superior quality leather, 20-inch. "40c, No. 28. Ordinary quality, 28-inch. "30c, No. 20. Ordinary quality, 20-inch. "25c,

SPALDING SKATE STRAPS



No. 11. Ordinary quality. Plain Buckle, Russet or Black. 20-inch. Pair, 15c,

#### SPALDING SKATE BAGS



No. SAB. Heavy duck, dark slate color, leather bound, to hold pair of skates attached to shoes or two pairs of skates without shoes. Each, \$1.00



No. 1. Moleskin, Popular style, Will hold pair of skates attached to shoes or two pairs of skates without shoes. . . Each, \$1.00

#### SPALDING ICE SKATE KEY

No. SK. Nickel-plated, all steel, well-made. Will fit any of the key clamp ice skates listed in this catalogue.

Each, 5c.



#### HOW TO ATTACH ICE SKATES TO SHOES PROPERLY



#### Showing Skate Fastened to Shoe with Screws

1. Place skate loosely on shoe in proper position.

Mark places for holes on sole of shoe centrally, to conform accurately to holes in foot and heel plate of skate,

Bore one hole first at extreme end of toe plate: then one hole at extreme end of heel plate, diagonally opposite hole at toe.

4. Put in one screw in either of these extreme holes of toe, or heel plate, drawing skate close to shoe, but not tight, then put in other extreme end screw, but before tightening either of these screws be sure the skate is in proper position on shoe and that the runner is not bent. These two screws may then be tightened.



#### Showing Skate Riveted to Shoe

Showing Skate Riveted to Shoe

5. After the skate is held firmly by these two screws the other screws may be put in, alternating the toe and heel screws and screwing down tightly, one at a time.

If these instructions are carefully followed the skate runner will be straight, which is of the utmost importance, and if the skate has been set in the proper position on the shoe—so that the runner centers on the ball of the foot and the heel—the skater should have no trouble on the ice.

The size and style of screw best adapted for attaching skates to shoes is jix8, round head, which are furnished by us with skates.

In riveting skates to shoes follow same method as explained above, except substituting rivets for screws.

except substituting rivets for screws

#### THE CARE OF THE SKATES

THE CARE OF THE SKATES

Special care should be given to the skates, especially at the close of the skating season. The foot plates and blades should be carefully rubbed off to prevent rust, and a coating of oil or vaseline applied, otherwise they will not be in condition for immediate use at the beginning of the next season. When skate blades have become dull or chipped, or otherwise injured, they should be taken, preferably, to the maker for regrinding by competent workmen who understand about the proper grooving of blades, which ordinary skate sharpeners are unfamiliar with. Regrinding may be attended to through any of A. G. Spalding & Bros. stores located in the principal cities of the United States and Canada.

All the skate sharpening done by us is emeried and oil-stoned, thereby avoiding that burr which gives the feeling of sticking to the ice that is so often found in other grinding. Special attention is paid to tubular and racing skates, which require an oil-stoned and perfectly centered surface. Owners of tubular racing skates can sharpen their skates by using the Spalding skate blocks and oil stone listed on this page. The oil stones have a coarse and fine side. Use the coarse side first, to grind blades straight; then use the fine side to finish. This makes a perfectly flat surface on blade and a nice keen edge. This is the method of sharpening used by all fast skaters.



#### HOW TO BUILD AN OUTDOOR ICE SKATING RINK

The following suggestions for installing outdoor skating rinks have been contributed by Mr. Harry J. Kelton, who for twelve years has successfully operated proprietary rinks in New York City. Last winter both of the rinks controlled by the Notlek Amusement Company, the "Notlek," at 119th Street and Riverside Drive, and the Van Kelton stadium at 57th Street and Eighth Avenue, frequently had good ice when natural ponds and lakes in the metropolitan district were closed to skaters.

Obviously, it is no trick to flood a plot of ground and have good ice in zero weather. It is only necessary to bank the four sides of the plot, stop up any drains and turn on the water, although, if the wind is at all strong, rough ice will result.

To make good ice with the temperature hovering from 25 to 30 degrees is quite another matter. Since a thin sheet of water freezes more quickly than a deeper pool, it is first necessary to level the ground available for the rink, in order to insure a sheet of water of uniform depth. Unless this is done, the water often will freeze solid where it is shallowest, while the deeper spots will be simply coated over.

The ground leveled, the next step is to bank the four sides of the plot—an ordinary dirt mound, about two feet high is sufficient. Make sure all drains, if any, are filled in, so that the water cannot drain off.

Nothing more can be done until the temperature gets down, to say, 35 degrees, with indications of a lower temperature following. You are then ready to flood, but beware of using too much water. It is desirable first to get the ground frozen solid to prevent the water seeping away in mild weather. This can be accomplished best by taking care not to apply the water faster than it can be absorbed.

The ground frozen, we are ready to start flooding for ice. Now, unfortunately, it is only possible to lay down general rules for this, the most important operation of all. What we are after is to build up the ice in layers and from the bottom. In extreme weather the water will freeze about as fast as it can be applied, but in a temperature of, say, 25 degrees, considerable care must be exercised—distribute the water lightly and work from one end of the rink to the other. If the water has been applied properly the north end (assuming that we started flooding from north to south) will have frozen over by the time we have finished watering the south end. Only common sense and experience will show just the proper amount to flood under different conditions of temperature. Bear in mind always that the lighter the applica-tion of water, the quicker it will freeze—so that the higher the temperature the less the quantity of water used.

The flooding is generally done—except in good, cold weather—at night, when the thermometer is usually several degrees lower than during the day.

As the ice surface becomes cut up through use it is necessary to apply enough water to resurface the rink. Flood every time the temperature permits and build up as deep a block of ice as possible, so that a few days of mild weather will not melt everything away. If this is done, skating is again possible within a comparatively short time after the temperature has fallen below the freezing point. By following this method we had twenty-six inches of ice in the shady spots as late as April 15, 1916.

It is apparent that in this manner skating can be frequently obtained on flooded rinks when natural pools cannot be used.

It happens that the ground we use for both our uptown and downtown rinks is used for tennis courts the balance of the year and it has been our experience that the surface of the courts is not injured in any way. Indeed, country clubs and tennis clubs, that have a sufficient number of courts on the same level, will find it an excellent idea to flood them and thus add to the attraction of the organization in winter. The ground is already level and the top clay of the courts tends to keep the water from seeping away.

#### HOW TO BUILD AN ICE SKATING RINK ON THE STAGE

As those who saw the show at the New York Hippodrome last season know, the second act closes at the San Francisco Fair, and the third act opens with the lake in Switzerland. During the intermission, the fore-stage is taken up in sections and hurriedly carted down runways to the regions under the playhouse. The ice caretakers then go over the surface with brushes to see that nothing is left on the surface. As only ten minutes elapse during the transition, many inquiries have been re-

ceived asking how it was done, and the following is the

explanation.

The fore-stage, comprising an area of 96 by 45 feet, is cut into sections approximately 12 by 6 feet. These sections rest on a frame work of iron girders which in turn are supported by a series of mammoth pistons, four in number. To make the ice stage, the fore-stage is removed in sections and the iron structure is lowered to a depth of eighteen inches. Upon this framework, then, is placed a system of pipes through which is run brine and ammonia, a plant technically known as the compressor system.



Scene in "Skating at St. Moritz"

The pipes run in series about 2½ inches apart, and resemble more than anything else large steam radiators, 16,000 feet of 1½-inch pipe being necessary for the Hippodrome ice-making ma-chine. The shallow tank which holds the pipes is lined with a layer of cork four inches thick. Cork is also used on the bottoms of the sections of the fore-stage. This, acting as a non-con-ductor, keeps the actors from getting cold feet during the acts of the play preceding the ice ballet. The cork that is

used in connection with the ice machine cost \$2,000. It took sixty-five hours to freeze "Lake Moritz." But once frozen the lake gave little trouble. To keep the ice in proper condition it is necessary to run the plant for about two hours after the matinee each day and for about eight hours each night.

Following each performance a scraper machine is run over the ice, taking off about one-eighth of an inch. This is carted off and the surface is then treated to a fine spray of hot water. When the hot water has evened the ice to a perfect and level surface, the plant is started to work and a new coat of about one-eighth of an inch re-frozen.