

# 1 Size 1: 75 levels

## 1. XS (5)

- XS (30-34); XS ; XS (32/34); XS (32); XS/S  $\Rightarrow$  XS

## 2. S (4)

- S; S (34-38); S (34/36); S (36) $\Rightarrow$  S

## 3. M (9)

- M ( 38-42 ); M ( 38/40 ); M ( 40 ); 38/40 ( M / L ); M (38 - 42); M; M/L  $\Rightarrow$  M
- 102 (M); 24 (M)  $\Rightarrow$  Jako.M

## 4. L (9)

- L; L ( 40/42 ); L ( 42-46 ); L (43 - 46); L/XL ( 39-47 ); L ( 42-47 ); L ( 44 ) $\Rightarrow$  L.1
- L/K; L/T  $\Rightarrow$  L.2

## 5. XL (14)

- XL; XL ( 44/46 ); XL (46-50 ); XL (46-48,5)  $\Rightarrow$  XL.11
- L/XL ( 39-47 ); XL/T; 8 ( XL ) $\Rightarrow$  XL.12
- 2XL; 2XL/T  $\Rightarrow$  XL.2
- 3XL; 3XL/T ; 28 (3XL)  $\Rightarrow$  XL.3
- 4XL  $\Rightarrow$  XL.4
- 30 (5XL)  $\Rightarrow$  XL.5

## 6. Others (5)

- 0 ( Bambini )  $\Rightarrow$  O.B
- 1 ( Junior); 01 Junior  $\Rightarrow$  O.J
- 2 ( Senior ); 02 Senior  $\Rightarrow$  O.S

## 7. Under Armour for kids (4)

- YSM 125-135  $\Rightarrow$  UA.S
- YM 135-147,5  $\Rightarrow$  UA.M
- YLG 147,5-157,5 $\Rightarrow$  UA.L
- YXL 157,5-167,5  $\Rightarrow$  UA.XL

## 8. Nike Special (5)

- XS (116-128)  $\Rightarrow$  N.XS
- S (128-140)  $\Rightarrow$  N.S
- M ( 140-152 )  $\Rightarrow$  N.M
- L ( 152-158 )  $\Rightarrow$  N.L
- XL ( 158-170 ) $\Rightarrow$  N.XL

## 9. Numbered Size 2-11

- 2  $\Rightarrow$  2
- 3  $\Rightarrow$  3
- 4  $\Rightarrow$  4
- 5  $\Rightarrow$  5
- 6  $\Rightarrow$  6
- 7  $\Rightarrow$  7

- $8 \Rightarrow 8$
- $9 \Rightarrow 9$
- $10 \Rightarrow 10$
- $11 \Rightarrow 11$

10. Numbered 29-48  $2/3$ 

- $29 \Rightarrow 29$
- $30 \Rightarrow 30$
- $31;31,5 \Rightarrow 31$
- $32 \Rightarrow 32$
- $33;33,5 \Rightarrow 33$
- $34 \Rightarrow 34$
- $35;35,5 \Rightarrow 35$
- $36;36 \frac{2}{3};36,5 \Rightarrow 36$
- $37;37 \frac{1}{3};37,5 \Rightarrow 37$
- $38;38 \frac{2}{3};38,5;19 (38) \Rightarrow 38$
- $39;39 \frac{1}{3};39,5 \Rightarrow 39$
- $40;40 \frac{2}{3};40,5 \Rightarrow 40$
- $41;41 \frac{1}{3};41,5 \Rightarrow 41$
- $42;42 \frac{2}{3};42,5 \Rightarrow 42$
- $43;43 \frac{1}{3};43,5 \Rightarrow 43$
- $44;44 \frac{2}{3};44,5 \Rightarrow 44$
- $45;45 \frac{1}{3};45,5 \Rightarrow 45$
- $46;46 \frac{2}{3};46,5 \Rightarrow 46$
- $47;47 \frac{1}{3};47,5 \Rightarrow 47$
- $48;48 \frac{2}{3};48,5 \Rightarrow 48$

## 11. Numbered Size 104-176

- $104 \Rightarrow 104$
- $116 \Rightarrow 116$
- $128;0 (128) \Rightarrow 128$
- $134 \Rightarrow 134$
- $140;1 (140);10 (140) \Rightarrow 140$
- $146 \Rightarrow 146$
- $152;2 (152) \Rightarrow 152$
- $158 \Rightarrow 158$
- $164;14 (164);3 (164) \Rightarrow 164$
- $176;16 (176) \Rightarrow 176$

## 12. Numbered Size Range(25-30)-(47-50)

- $1 (25-30) ; 00 (27-30) \Rightarrow 25-30$
- $0 (31-33) ; 1 (31-34) ; 2 (31-34) ; \Rightarrow 31-34$
- $1 (33-36) ; 1 (34-36) ; 35 - 38 ; 35/38 ; 3 (35-38) ; 2 (35-38) ; 2 (37-39) ; 10 (36-40) ; 37 - 40 ; 2 (37-40) \Rightarrow 35-40$
- $39 - 42 ; 39-42 ; 39/42 ; 3 (39-42) ; 4 (39-42) ; 3 (40-42) ; 3 (41-43) ; 41 - 44 ; 12 (41-45) ; 4 (43-45) \Rightarrow 41-45$
- $43 - 46 ; 43-46 ; 4 (43-46) ; 5 (43-46) ; 43/46 ; 4 (44-46) ; 45 - 47 \Rightarrow 44-46$

- 45-48 ; 14 (46-48) ; 5 ( 46-48 ) ; 5 ( 47-49 ) ; 47/49 ; 47 - 50 ; 6 ( 47-50 ) ;  $\Rightarrow$  47-50

### 13. Numbered Size Range(116-122)-(164-176)

- 116-122 ; 6/8 (116-128) ; 116/128  $\Rightarrow$  116-128
- 10/12 (140-152) ; 140/152  $\Rightarrow$  140-152
- 14/16 (164-176) ; 164/176  $\Rightarrow$  164-176

### 14. Exceptions

- Note : 9 items (pid) without size information

## 2 Size 2: 44 levels

1. Remove the brand information in size levels, e.g. N.M, Jako.M, and UA.M are treated as M;
2. Combine similar sizes, e.g. L.1 and L.2 are combined as L;
3. Convert pure number size levels to letter sizes, e.g. 25-30 is replaced with XXS.

## 3 Size 3: 28 levels

Cluster the shoe sizes

1. Sh1: 29 - 35 (small women sizes);
2. Sh2: 36 - 40 (popular women sizes; small men sizes);
3. Sh3: 41 - 43 (popular men sizes; large women sizes);
4. Sh4: 44 - 48 (lager men sizes).

## 4 Size 4: 14 levels (Recommended!)

1. The sizes are assigned based on the category features;
2. Shoes and accessories (mostly socks) are coded by numbers: 00, 0, 1, 2, 3, 4, 5, and 6.
3. Cloths are coded by EX, XS, S, M, L, XL, and EL. Reference links :
  - [http://blog.hockeygiant.com/2010/05/hockey-equipment-sizing-youth-junior\\_21.html](http://blog.hockeygiant.com/2010/05/hockey-equipment-sizing-youth-junior_21.html)
  - <http://www.asos.com/infopages/SizeGuide/pgesizechartMan.aspx?r=2>
  - <http://www.next.co.uk/help/winhelpsgc.asp>
  - <https://www.jakosportshop.be/c-4280478/promo-van-de-maand/>