



2 Type

- A Clamp spring washer
B Retaining ring



Type A

d ₁	d ₃	s ₁	For ball transfer units GN 509 / GN 509.1 Size
31	25 -0,2	2 ... 3	15
44	37,3 -0,3	2 ... 4	22
55	46,7 -0,3	2 ... 4	30



Type B

d ₂	d ₄ min.	s ₂	For ball transfer units GN 509 / GN 509.1 Size
36	22,2	0 ... ∞	12
38	24,2	0 ... ∞	15

Specification

- Type A
 - Spring steel
 - Stainless steel
- Type B
 - Spring steel
 - Zinc plated
- RoHS

Information

Clamp spring washers GN 509.3, type A allow ball transfers units to be mounted and removed from the installation side.

Retaining rings GN 509.3, type B are mounted from the back. Ball transfers units mounted this way can no longer be dismantled. No restrictions exist with respect to sheet metal thickness.

see also...

- Ball Transfer Units GN 509 → Page 2016
- Ball Transfer Units GN 509.1 → Page 2018

How to order

GN 509.3-31-A

1 d₁ (d₂)

2 Type