Material:

Ball stud: carbon steel with tensile strength of 60 daN/mm^2 and a ball tempered on the surface with hardness52 HRC stainless steel AISI 303 (1.4305) on request

Ball socket: steel 11SMnPb30 with tensile strength of 50 daN/mm^2 (1.0718) stainless steel (1.4305 - AISI 303) upon request

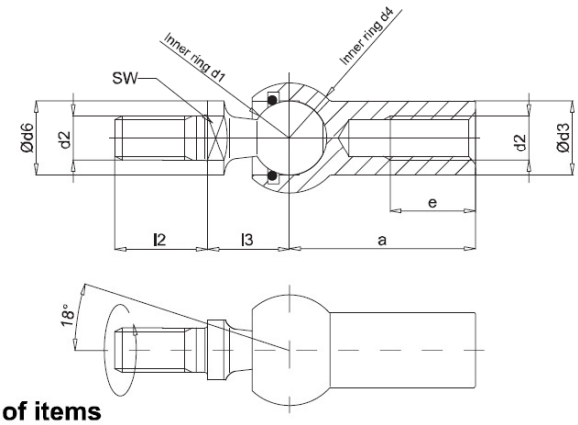
Internal snap ring "R": steel for springs C98 UNI EN 10270-1 DH stainlesssteel (1.4319 - AISI 302) upon request

Surface protection:

* Zinc plating according to EN ISO 4042, Fe/Zn 8c…
* Chromate treatment (passivation) example: type A please add 1A (ex..: PA7150-16-M10A)

Tolerances:

The dimensional tolerances in the table make reference to zinc plated products.



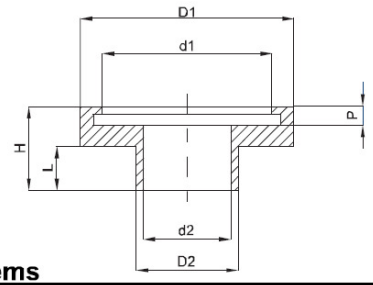
Overview of items

Order No.	d1 h9	d2 6g/6H**	a ±0,3	d3 ±0,5	d4 ±0,5	d6 h14	e min.	l2 ±0,3	l3 ±0,3	*sw h14	weight (kg)
PA7150-8-M5	8	M5	22	8	12,8	8	10,2	10,2	9	7	0,015
PA7150-10-M6	10	M6	25	10	14,8	10	11,5	12,5	11	8	0,025
PA7150-13-M8	13	M8	30	13	19,3	13	14	16,5	13	11	0,053
PA7150-16-M10	16	M10	35	16	24	16	16	20	16	13	0,104
PA7150-16-M12	16	M12	35	16	24	16	16	20	16	13	0,150
PA7150-19-M14X1,5	19	M14x1,5	45	22	30	19	21,5	28	20	16	0,221
PA7150-19-M14X2	19	M14	45	22	30	19	21,5	28	20	16	0,221
PA7150-19-M16	19	M16	45	22	30	19	21,5	28	20	16	0,221

For left-hand thread add "LH" (ex. PA7150-16-M10L)

**tolerances d2: ball stud 6g - fthreaded hole 6H

Neoprene sealing cup for axial joints similar to DIN 71802



Overview of items

Order No.	Ø	D1	d1	D2	d2	H	L	P
NEOPRENE SEALING CUP-08	8	11,5	9	5,4	4	4,5	1,5	1,5
NEOPRENE SEALING CUP-10	10	13	10,5	6,9	5,5	6,5	3,5	1,5
NEOPRENE SEALING CUP-13	13	17	14	8,6	7	7,5	3,5	2
NEOPRENE SEALING CUP-16	16	21	17,5	10,5	9	8,5	4,5	2
NEOPRENE SEALING CUP-19	19	25	20	14,5	13	10	6	2