

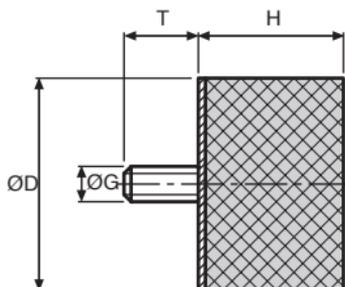
- **Highly deformable thus absorbing large amounts of energy**
- Energy absorbed gradually
- Progressive absorption of energy
- Materials
  - core: Steel plates
  - cylinder: Rubber
- **Hardness: NK 55-60 shore A**
- Working temp: -40°C to +70°C

### Applications

- Shock-absorbing stop

### Info.

- **Not sold individually, please contact us for details**
- Values for loads and rigidity are given as a guide only



### DISCOUNTS <sup>A</sup>

Qty	1+	6+	20+	40+	100+	200+
Disc.	List	-10%	-20%	-30%	-40%	On request

Part number	ØG	ØD	H	T	Compression		Stock <sup>A</sup>	Price each 1 to 5
					stiffness (N/mm)	Max. load (N)		
D-ZY4-10-10	M4	10	10	10	38	43	✓	Ⓐ 1,41 €
D-ZY4-15-8	M4	15	8	10	122	95	✓	Ⓐ 1,52 €
D-ZY4-15-10	M4	15	10	10	106	95	✓	Ⓐ 1,66 €
D-ZY4-15-15	M4	15	15	10	74	95	✓	Ⓐ 1,66 €
D-ZY6-20-15	M6	20	15	18	138	170	✓	Ⓐ 1,84 €
D-ZY6-20-20	M6	20	20	18	-	-	✓	Ⓐ 2,02 €
D-ZY6-20-25	M6	20	25	18	-	-	✓	Ⓐ 2,11 €
D-ZY6-25-10	M6	25	10	18	-	-	✓	Ⓐ 2,02 €
D-ZY6-25-15	M6	25	15	18	254	280	✓	Ⓐ 2,28 €
D-ZY6-25-20	M6	25	20	18	128	280	✓	Ⓐ 2,37 €
D-ZY6-25-25	M6	25	25	18	-	-	✓	Ⓐ 2,64 €
D-ZY6-25-30	M6	25	30	18	80	280	✓	Ⓐ 2,89 €

<sup>A</sup>Depending on availability - Dimensions in mm

DISCOUNTS <sup>A</sup>

Qty	1+	6+	20+	40+	100+	200+
Disc.	List	-10%	-20%	-30%	-40%	On request

DISCOUNTS <sup>B</sup>

Qty	1+	6+	10+	15+	20+	50+
Disc.	List	-15%	-20%	-25%	-30%	On request

Part number	ØG	ØD	H	T	Compression		Stock*	Price each 1 to 5
					stiffness (N/mm)	Max. load (N)		
D-ZY8-30-20	M8	30	20	20	200	400	✓	A 3,54 €
D-ZY8-30-25	M8	30	25	20	-	-	✓	A 3,71 €
D-ZY8-30-30	M8	30	30	20	120	400	✓	A 3,95 €
D-ZY8-30-40	M8	30	40	20	-	-	✓	A 4,85 €
D-ZY8-40-20	M8	40	20	23	-	-	✓	A 4,77 €
D-ZY8-40-30	M8	40	30	23	23	234	✓	A 5,46 €
D-ZY8-40-40	M8	40	40	23	-	-	✓	A 6,24 €
D-ZY10-40-30	M10	40	30	28	-	-	✓	A 5,46 €
D-ZY10-50-20	M10	50	20	28	680	1000	✓	A 6,61 €
D-ZY10-50-30	M10	50	30	28	425	1000	✓	A 7,84 €
D-ZY10-50-40	M10	50	40	28	-	-	✓	A 8,72 €
D-ZY10-50-45	M10	50	45	28	-	-	-	A 9,33 €
D-ZY10-50-50	M10	50	50	28	-	-	✓	A 10,30 €
D-ZY10-60-40	M10	60	40	28	-	-	✓	A 14,11 €
D-ZY10-70-45	M10	70	45	28	-	-	-	A 19,57 €
D-ZY12-60-40	M12	60	40	33	-	-	✓	B 9,15 €
D-ZY12-75-25	M12	75	25	37	2000	2300	✓	B 8,70 €
D-ZY12-75-40	M12	75	40	37	810	2300	-	B 13,13 €
D-ZY12-75-50	M12	75	50	37	-	-	-	B 13,70 €
D-ZY12-75-55	M12	75	55	37	-	-	✓	B 14,46 €
D-ZY16-100-50	M16	100	50	41	1578	4200	✓	B 24,18 €
D-ZY16-100-55	M16	100	55	41	860	4200	-	B 25,41 €

\*Depending on availability - Dimensions in mm

- Highly deformable thus allowing high levels of energy to be absorbed.
- Progressive deformation
- Materials:
  - Core: Stainless steel plates (A2)
  - Head: Rubber
- **Hardness: NK 55-60 Shore A**
- Working temp: -40°C to +70°C

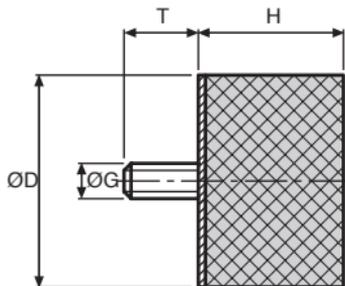


### Applications

- Shock absorbing stop

### Info.

- Not sold individually, please contact us for details
- Load and stiffness figures are given as a guide only



### DISCOUNTS

Qty	1+	6+	20+	40+	100+
Disc.	List	-10%	-15%	-20%	On request

Part number	ØG	ØD	H	T	Compression Stiffness (N/mm)	Max load (N)	Stock*	Price each 1 to 5
D-ZY4-10-10/SS	M4	10	10	10	38	43	✓	2,09 €
D-ZY4-15-8/SS	M4	15	8	10	122	95	✓	3,55 €
D-ZY4-15-10/SS	M4	15	10	10	106	95	✓	2,56 €
D-ZY4-15-15/SS	M4	15	15	10	74	95	✓	2,80 €
D-ZY6-20-15/SS	M6	20	15	18	138	170	✓	3,67 €
D-ZY6-20-20/SS	M6	20	20	18	-	-	✓	3,78 €
D-ZY6-20-25/SS	M6	20	25	18	-	-	✓	3,57 €
D-ZY6-25-10/SS	M6	25	10	18	-	-	✓	3,24 €
D-ZY6-25-15/SS	M6	25	15	18	254	280	✓	3,63 €
D-ZY6-25-20/SS	M6	25	20	18	128	280	✓	4,02 €
D-ZY6-25-25/SS	M6	25	25	18	-	-	✓	4,43 €
D-ZY6-25-30/SS	M6	25	30	18	80	280	✓	4,78 €

## DISCOUNTS

Qty	1+	6+	20+	40+	100+
Disc.	List	-10%	-15%	-20%	On request

Part number	ØG	ØD	H	T	Compression		Stock*	Price each 1 to 5
					Stiffness (N/mm)	Max load (N)		
D-ZY8-30-20/SS	M8	30	20	20	200	400	✓	5,42 €
D-ZY8-30-25/SS	M8	30	25	20	-	-	✓	5,99 €
D-ZY8-30-30/SS	M8	30	30	20	120	400	✓	5,94 €
D-ZY8-30-40/SS	M8	30	40	20	-	-	✓	7,98 €
D-ZY8-40-20/SS	M8	40	20	23	-	-	✓	7,39 €
D-ZY8-40-30/SS	M8	40	30	23	23	234	✓	8,29 €
D-ZY8-40-40/SS	M8	40	40	23	-	-	✓	8,77 €
D-ZY10-40-30/SS	M10	40	30	28	-	-	✓	8,35 €
D-ZY10-50-20/SS	M10	50	20	28	680	1000	✓	11,27 €
D-ZY10-50-30/SS	M10	50	30	28	425	1000	✓	11,49 €
D-ZY10-50-40/SS	M10	50	40	28	-	-	✓	12,61 €
D-ZY10-50-45/SS	M10	50	45	28	-	-	-	13,47 €
D-ZY10-50-50/SS	M10	50	50	28	-	-	✓	14,83 €
D-ZY10-60-40/SS	M10	60	40	28	-	-	-	21,81 €
D-ZY10-70-45/SS	M10	70	45	28	-	-	-	28,19 €
D-ZY12-60-40/SS	M12	60	40	33	-	-	✓	21,81 €
D-ZY12-75-25/SS	M12	75	25	37	2000	2300	✓	20,73 €
D-ZY12-75-40/SS	M12	75	40	37	810	2300	-	31,17 €
D-ZY12-75-50/SS	M12	75	50	37	-	-	-	32,56 €
D-ZY12-75-55/SS	M12	75	55	37	-	-	-	34,13 €
D-ZY16-100-25/SS	M16	100	25	41	-	-	-	50,11 €
D-ZY16-100-50/SS	M16	100	50	41	1578	4200	-	66,51 €
D-ZY16-100-55/SS	M16	100	55	41	860	4200	-	68,87 €

\*Depending on availability - Dimensions in mm

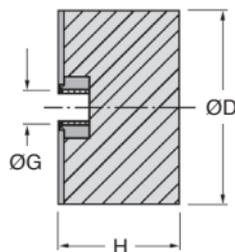
- Highly deformable thus absorbing large amounts of energy
- Energy absorbed gradually
- Material:
  - Core: Steel plates
  - Cylinder: Rubber
- Hardness NK 55-60 shore A
- Working temp: -40°C to +70°C

### Applications

- Shock absorbing stop

### Info.

- Not sold individually, please contact us for details
- Values for loads and rigidity are given as a guide only



### DISCOUNTS

Qty	1+	6+	20+	40+	100+	200+
Disc.	List	-10%	-15%	-20%	-25%	On request

Part number	ØG	ØD	H	Compression		Stock*	Price each 1 to 5
				stiffness (N/mm)	Max. load (N)		
E-ZY4-10-10	M4	10	10	38	43	✓	1,41 €
E-ZY4-10-15	M4	10	15	-	-	✓	1,76 €
E-ZY4-15-15	M4	15	15	74	95	✓	1,76 €
E-ZY6-20-15	M6	20	15	138	170	✓	2,11 €
E-ZY6-20-20	M6	20	20	-	-	✓	2,19 €
E-ZY6-25-10	M6	25	10	-	-	✓	2,11 €
E-ZY6-25-20	M6	25	20	128	280	✓	2,46 €
E-ZY6-25-30	M6	25	30	80	280	✓	2,99 €
E-ZY8-30-15	M8	30	15	-	-	✓	3,34 €
E-ZY8-30-17	M8	30	17	-	-	✓	3,49 €
E-ZY8-30-20	M8	30	20	200	400	✓	3,71 €
E-ZY8-30-30	M8	30	30	120	400	✓	4,23 €
E-ZY8-40-30	M8	40	30	23	234	✓	5,46 €
E-ZY10-50-20	M10	50	20	680	1000	✓	6,61 €
E-ZY10-50-30	M10	50	30	425	1000	-	7,84 €
E-ZY10-50-40	M10	50	40	-	-	✓	8,72 €
E-ZY10-50-50	M10	50	50	-	-	✓	10,39 €
E-ZY12-75-25	M12	75	25	2000	2300	✓	15,77 €
E-ZY12-75-55	M12	75	55	-	-	✓	23,27 €

\*Depending on availability - Dimensions in mm

- Highly deformable thus allowing high levels of energy to be absorbed
- Progressive deformation
- Materials:
  - Core: Stainless steel plates (A2)
  - Head: Rubber
- **Hardness: NK 55-60 Shore A**
- Working temp: -40°C to +70°C

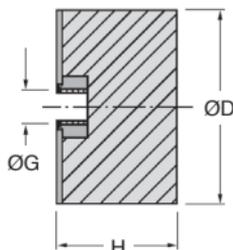
### Applications

- Shock absorbing stop

### Info.

- Not sold individually, please contact us for details
- Load and stiffness figures are given as a guide only

stainless steel



### DISCOUNTS

Qty	1+	6+	20+	40+	100+
Disc.	List	-10%	-15%	-20%	On request

Part number	ØG	ØD	H	Compression		Stock*	Price each 1 to 5
				Stiffness (N/mm)	Max load (N)		
E-ZY4-10-10/SS	M4	10	10	38	43	✓	3,13 €
E-ZY4-10-15/SS	M4	10	15	-	-	-	2,43 €
E-ZY4-15-15/SS	M4	15	15	74	95	✓	2,68 €
E-ZY6-20-15/SS	M6	20	15	138	170	✓	3,57 €
E-ZY6-20-20/SS	M6	20	20	-	-	✓	3,74 €
E-ZY6-25-10/SS	M6	25	10	-	-	✓	3,91 €
E-ZY6-25-20/SS	M6	25	20	128	280	✓	4,19 €
E-ZY6-25-30/SS	M6	25	30	80	280	✓	4,97 €
E-ZY8-30-15/SS	M8	30	15	-	-	✓	4,97 €
E-ZY8-30-17/SS	M8	30	17	-	-	-	4,97 €
E-ZY8-30-20/SS	M8	30	20	200	400	✓	5,54 €
E-ZY8-30-30/SS	M8	30	30	120	400	✓	6,76 €
E-ZY8-40-30/SS	M8	40	30	23	234	✓	8,29 €
E-ZY10-50-20/SS	M10	50	20	680	1000	✓	10,55 €
E-ZY10-50-30/SS	M10	50	30	425	1000	✓	11,49 €
E-ZY10-50-40/SS	M10	50	40	-	-	✓	12,54 €
E-ZY10-50-50/SS	M10	50	50	-	-	-	14,83 €
E-ZY12-75-25/SS	M12	75	25	2000	2300	-	22,73 €
E-ZY12-75-55/SS	M12	75	55	-	-	-	33,34 €

\*Depending on availability - Dimensions in mm

# Conical progressive stop



## D-PAR D-KON

### Male mounting

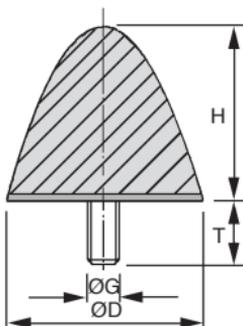
- Highly deformable thus absorbing large amounts of energy
- Energy absorbed gradually
- Materials  
core: Steel plates  
cylinder: Rubber
- Hardness: NK 55-60 shore A
- Working temp: -40°C to +70°C

### Applications

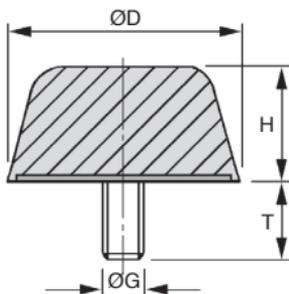
- Shock-absorbing stop

### Info

- \*\*D-KON12-80-30  
square base 80x80mm



Type D-PAR



Type D-KON



### DISCOUNTS A

Qty	1+	6+	20+	40+	100+	200+
Disc.	List	-10%	-15%	-20%	-25%	On request

### DISCOUNTS B

Qty	1+	6+	10+	15+	20+	50+
Disc.	List	-10%	-15%	-20%	-25%	On request

Part number	ØG	T	ØD	H	Stock*	Price each 1 to 5
D-PAR6-20-24	M6	18	20	24	✓	A 3,25 €
D-PAR8-30-36	M8	20	30	36	✓	A 4,25 €
D-PAR8-35-40	M8	20	35	40	✓	A 6,35 €
D-PAR8-50-67	M8	36	50	67	✓	A 13,16 €
D-PAR10-50-58	M10	28	50	58	✓	A 11,59 €
D-PAR12-75-89	M12	37	75	89	✓	B 16,95 €
D-PAR16-115-136	M16	43	115	136	-	B 64,96 €
D-KON6-25-17	M6	18	25	17	✓	A 3,05 €
D-KON10-50-18	M10	28	50	18	✓	A 8,74 €
D-KON12-80-30**	M12	35	80	30	✓	B 21,80 €
D-KON16-125-45	M16	45	125	45	-	B 36,46 €

\*Depending on availability - Dimensions in mm

## Male mounting

D-PAR<sup>SS</sup>  
D-KON<sup>SS</sup>

Stainless steel

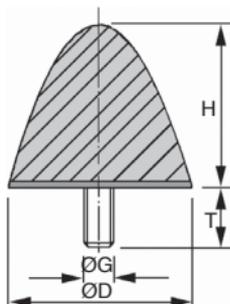
- Highly deformable thus allowing high levels of energy to be absorbed.
- Progressive deformation
- Materials :  
Core : Stainless steel plates (A2)  
Head : Rubber
- Hardness : NK 55-60 Shore A
- Working temp: - 40°C to +70°C

### Applications

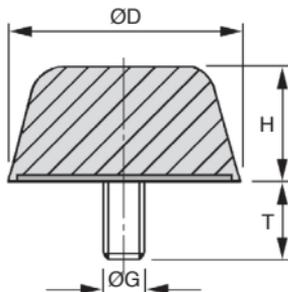
- Shock-absorbing stop

### Info

- \*\*D-KON12-80-30/SS:  
square base 80x80mm



Type D-PAR<sup>SS</sup>



Type D-KON<sup>SS</sup>

### DISCOUNTS

Qty	1+	6+	20+	40+	100+
Disc.	List	-10%	-15%	-20%	On request

Part number	ØG	T	ØD	H	Stock*	Price each 1 to 5
D-PAR6-20-24/SS	M6	18	20	24	✓	4,69 €
D-PAR8-30-36/SS	M8	20	30	36	✓	7,28 €
D-PAR8-35-40/SS	M8	20	35	40	✓	19,77 €
D-PAR8-50-67/SS	M8	36	50	67	✓	20,32 €
D-PAR10-50-58/SS	M10	28	50	58	✓	15,75 €
D-KON6-25-17/SS	M6	18	25	17	✓	4,50 €
D-KON10-50-18/SS	M10	28	50	18	✓	11,34 €
D-KON12-80-30/SS**	M12	35	80	30	-	60,68 €
D-KON16-125-45/SS	M16	45	125	45	-	131,94 €

\*Depending on availability - Dimensions in mm

- Silicone truncated cone form for applications with high hygiene requirements

- Materials:

304 stainless steel frame

Rubber-silicone cone cylinder (Elastosil MVQ)

- Hardness 55+/-5° shoreA

- Working temperature: -30°C to +200°C

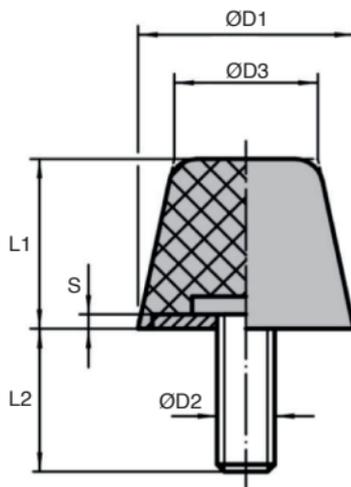
### Applications

- End stop

- Supporting foot

- Food industry (FDA compliant), pharmaceutical, medical.

Stainless steel



### DISCOUNTS

Qty	1+	4+	15+
Disc. Price		-5%	On request

Part number	ØD1	ØD2	L2	ØD3	L1	S	Stiffness		Max. load (N)	Stroke	Weight (g)	Price each
							R (N/mm)	R				
D-KON5-19-16/SL	19	M5	20	12,0	16	2	63	250	4,0	10	✓	16,25 €
D-KON6-25-20/SL	25	M6	25	16,5	20,5	2	90	460	5,1	19	✓	17,41 €
D-KON8-32-26/SL	32	M8	30	21,0	26	2	117	760	6,5	38	✓	19,42 €
D-KON8-38-32/SL	38	M8	30	24,5	32	2	113	900	8,0	56	✓	38,76 €
D-KON10-50-43/SL	50	M10	40	32,0	43	2	148	1580	10,7	110	✓	53,03 €

\*Depending on availability - Dimensions in mm



# Silicone conical elast buffer

## Female mounting

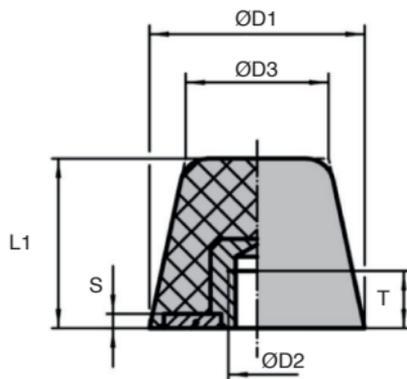
## E-KONSL

- Silicone truncated cone form for applications with high hygiene requirements
- Materials:
  - 304 stainless steel frame
  - Rubber-silicone cone cylinder (Elastosil MVQ)
- Hardness 55+/-5° shoreA
- Working temperature: -30°C to +200°C

### Applications

- End stop
- Supporting foot
- Food industry (FDA compliant), pharmaceutical, medical.

Stainless steel



### DISCOUNTS

Qty	1+	4+	15+
Disc.	Price	-5%	On request

Part number	ØD1	ØD2	L2	ØD3	L1	S	R (N/mm)	Max. load (N)	Stroke	Weight (g)	Stock*	Price each
												1 to 3
E-KON5-19-16/SL	19	M5	12,0	16	2	5	63	250	4,0	7	✓	16,81 €
E-KON6-25-20/SL	25	M6	16,5	20,5	2	6	90	460	5,1	14	-	18,46 €
E-KON8-32-26/SL	32	M8	21,0	26	2	8	117	760	6,5	20	✓	20,89 €
E-KON8-38-32/SL	38	M8	24,5	32	2	8	113	900	8,0	46	-	40,23 €
E-KON10-50-43/SL	50	M10	32,0	43	2	10	148	1580	10,7	96	✓	55,00 €

\*Depending on availability - Dimensions in mm