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Ball Casters • with sheet steel housing

EH 22750.



Product Description

Ball casters are module for transport systems, conveyances, to working and packing facilities. For example, parts can be easily moved, turned and controlled.
As from d_1= 36 fitted with an oil drenched felt seal to protect against dirt.

Material

Cap
- Steel, zinc-plated by galvanization
- Stainless steel

Housing
- Steel, zinc-plated by galvanization
- Stainless steel

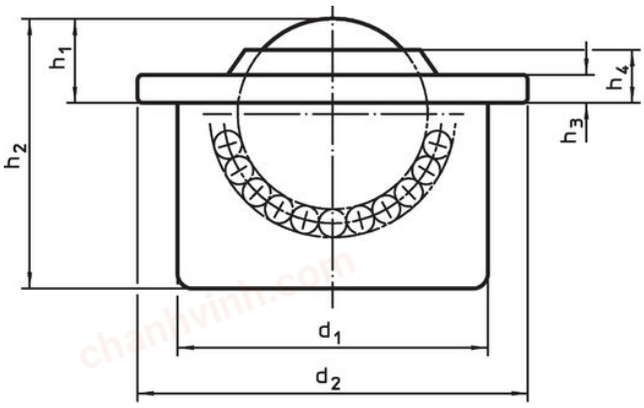
Ball
- Ball-bearing steel
- Stainless steel

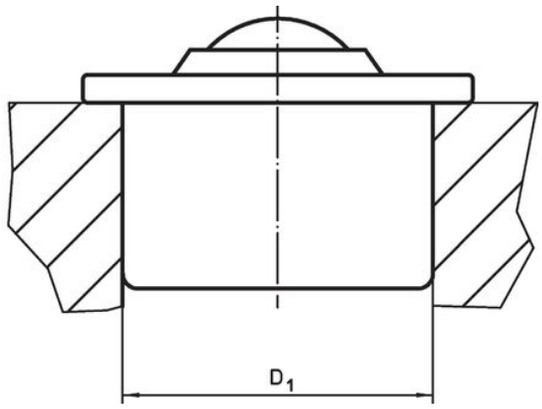
More information

Further products

- Tolerance Rings

Drawing





Order information

d_1	Ball diameter	d_2	h_1	h_2	h_3	h_4	Location hole D_1 [1]	Dynamic carrying figure C		Art. No.
			[mm]				[mm]	[N]	[g]	
cap and housing zinc-plated										
12.6 ±0.055	8	17	4.8 ±0.15	11.2	1.8	3.2	12.57 +0.03	100	6.8	22750.0000[2]
18.0 ±0.055	12	23	7.4 ±0.15	15.5	2.0	4.3	17.97 +0.03	250	18.0	22750.0002[2]
24.0 ±0.065	15	31	9.5 ±0.20	21.5	2.5	6.1	23.95 +0.05	500	40.0	22750.0004[2]
36.0 ±0.080	22	45	9.8 ±0.20	29.5	2.9	5.7	35.90 +0.05	1300	131.0	22750.0008
45.0 ±0.080	30	55	13.8 ±0.30	37.5	3.7	7.9	44.85 +0.05	2500	277.0	22750.0012
62.0 ±0.095	45	75	19.0 ±0.40	53.7	4.2	10.3	61.83 +0.07	6000	741.0	22750.0016
all parts zinc-plated, ball from stainless steel										
12.6 ±0.055	8	17	4.8 ±0.15	11.2	1.8	3.2	12.57 +0.03	70	7.0	22750.0020[2]
18.0 ±0.055	12	23	7.4 ±0.15	15.5	2.0	4.3	17.97 +0.03	180	18.0	22750.0022[2]
24.0 ±0.065	15	31	9.5 ±0.20	21.5	2.5	6.1	23.95 +0.05	370	40.0	22750.0024[2]
36.0 ±0.080	22	45	9.8 ±0.20	29.5	2.9	5.7	35.90 +0.05	970	132.0	22750.0028
45.0 ±0.080	30	55	13.8 ±0.30	37.5	3.7	7.9	44.85 +0.05	1900	273.0	22750.0032
62.0 ±0.095	45	75	19.0 ±0.40	53.7	4.2	10.3	61.83 +0.07	4500	739.0	22750.0036

[1] Reference value for 2 mm sheet steel / 5 mm aluminium (force fit)

[2] without felt seal

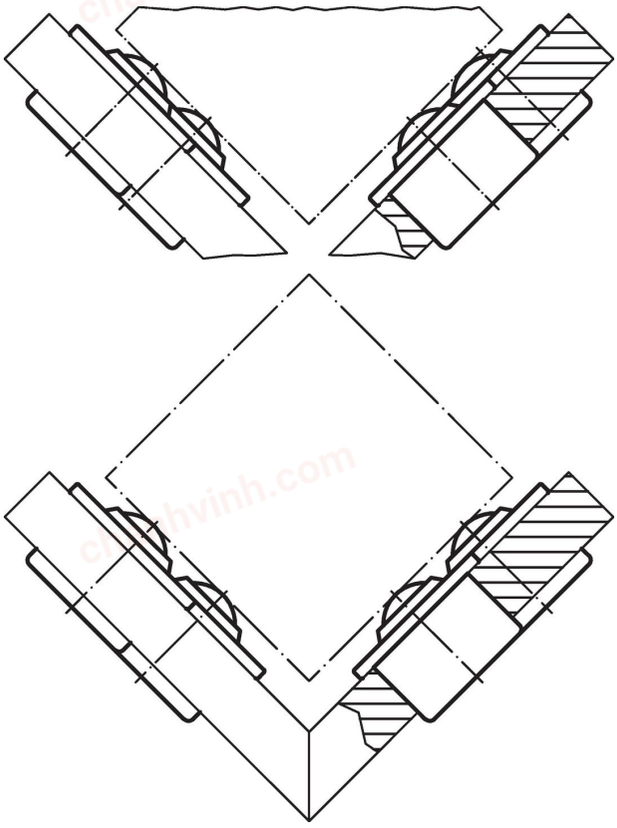
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Dimensions							Location hole	Dynamic carrying figure C		Art. No.
d_1	Ball diameter	d_2	h_1	h_2	h_3	h_4	D_1 [1]			
[mm]							[mm]	[N]	[g]	
all parts from stainless steel										
12.6 ±0.055	8	17	4.8 ±0.15	11.2	1.8	3.2	12.57 +0.03	70	7.0	22750.0040 [2]
18.0 ±0.055	12	23	7.4 ±0.15	15.5	2.0	4.3	17.97 +0.03	180	17.0	22750.0042 [2]
24.0 ±0.065	15	31	9.5 ±0.20	21.5	2.5	6.1	23.95 +0.05	370	39.0	22750.0044 [2]
36.0 ±0.080	22	45	9.8 ±0.20	29.5	2.9	5.7	35.90 +0.05	970	133.0	22750.0048
45.0 ±0.080	30	55	13.8 ±0.30	37.5	3.7	7.9	44.85 +0.05	1900	272.0	22750.0052

[1] Reference value for 2 mm sheet steel / 5 mm aluminium (force fit)

[2] without felt seal

Application example



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Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Does not contain Proposition 65 substances
No Proposition 65 substances included.
https://www.P65Warnings.ca.gov/

Free from Conflict Minerals
This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.