chanhvinh.com

Joint Pieces • for fork heads
EH 22985.





Product Description

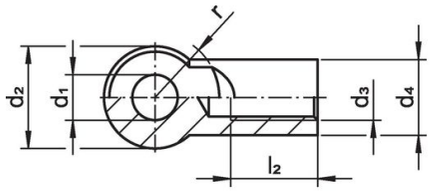
Joint pieces are used as counterparts to fork heads to create movable connections between components. In combination with a fork head, pin and suitable retaining element, they provide reliable transmission of tensile and compressive forces.
Typical applications include linkages, lever arms, adjustment elements and connections to pneumatic or hydraulic cylinders that are used in mechanical engineering, plant construction, fixture construction, automotive engineering and assemblies with linear or pivoting movements.
Together, the two components – the fork head and joint pieces – form what is known as a fork head joint.
The joint piece is connected to the component to be attached and located in the opening of the fork head. The connection is achieved with a pin that passes through the fork head and joint piece and is secured with a suitable retaining element.
This creates a movable, detachable joint that allows angular movement while reliably transmitting forces. The connection is also detachable, making assembly, maintenance, replacement or readjustment easier.
Fork head joint pieces are designed for use with matching fork heads and provide a reliable, movable connection between components. The design allows easy combination with a fork head, pin and retaining element.
The flexible bearing arrangement accommodates pivoting movements and moderate angular misalignment between the connected components. This helps ensure reliable force transmission and reduces unwanted stresses in the assembly.
They offer the following features and advantages:

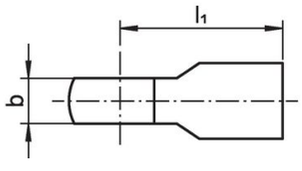
- Suitable counterpart for creating clevis joints
- Reliable transmission of tensile and compressive forces
- Movable yet detachable connection between components
- Easy combination with fork head, pin and retaining element
- Suitable for linkages, lever arms, adjustment elements and pneumatic and hydraulic cylinders
- Accommodates pivoting movements and moderate angular movements
- Easy assembly, removal and readjustment
- Robust design for mechanically demanding applications
- Maintenance-friendly connection for repetitive movements
- Versatile use in mechanical engineering, plant construction, fixture construction and automotive engineering

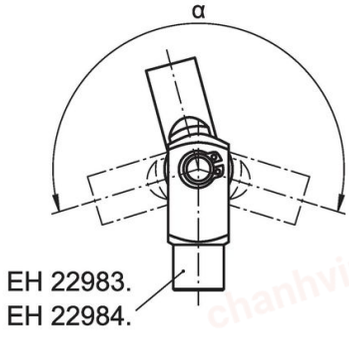
Material

- Steel, zinc-plated by galvanization, passivated
- Stainless steel 1.4305

Drawing







chanhvinh.com

Order information

Dimensions							R	α		Art. No.
d_1	l_1	b	d_2	d_3	d_4	l_2 min.				
[mm]							[mm]		[g]	
standard thread, Steel										
6	**22**	6	14	M 6	10	12	8.5	218°	11	22985.0006
8	**29**	8	18	M 8	14	16	12.0	218°	27	22985.0008
10	**35**	10	23	M10	18	20	14.0	212°	55	22985.0010
12	**43**	12	27	M12	20	24	17.0	216°	85	22985.0012
16	**56**	16	36	M16	26	32	22.0	216°	190	22985.0016
standard thread, Stainless steel										
6	**22**	6	14	M 6	10	12	8.5	218°	11	22985.3006
8	**29**	8	18	M 8	14	16	12.0	218°	27	22985.3008
10	**35**	10	23	M10	18	20	14.0	212°	56	22985.3010
12	**43**	12	27	M12	20	24	17.0	216°	87	22985.3012
16	**56**	16	36	M16	26	32	22.0	216°	193	22985.3016

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/

Contains Conflict Minerals

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.