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Expander® Sealing Plugs • with elongated pull-anchor

EH 22880.



Product Description

Expander® sealing plugs are used for safe, quick and economic sealing of bore holes in fluid technology, e.g. hydraulic drilling holes in jig and fixture construction. When using sealing plugs with elongated pull-anchor, assembly is made by means of user friendly assembly devices. Body and pin are pre-assembled and suitable for automated processing.
ATTENTION:
If Expander® sealing plugs with pull-anchor are applied to separate grooves, the admissible working pressure at the setting side has to be reduced by 50 %!

Material

Body
- Case-hardened steel, annealed

Pin
- Steel

Assembly

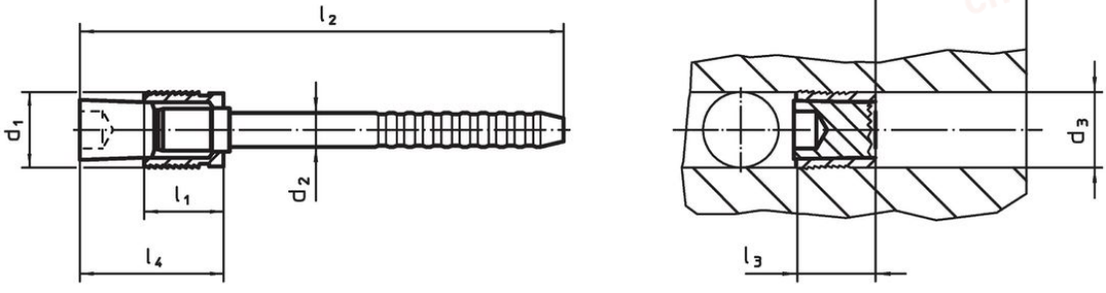
The design guidelines and assembly instructions are supplied with the product and are also available for download.
Please observe the permissible operating and test pressures for the respective installation materials. A corresponding table can be found under the "Installation Examples" tab.

More information

Further products

- Distance Bushings, for Expander® sealing plugs with elongated pull-anchor
- Assembly Tools, for Expander® sealing plugs with pull-anchor

Drawing



Order information

Dimensions								Art. No.
d_1	d_2	d_3 +0.12 0	l_1	l_2	l_3 max.	l_4 max.		
		[mm]					[g]	
4	2.50	4	4.5	69	6.5	9	3.5	22880.0414
5	3.00	5	5.5	71	7.5	10	4.3	22880.0415
6	3.40	6	6.5	73	8.0	12	6.4	22880.0416
7	4.10	7	7.5	68	9.0	14	7.9	22880.0417
8	4.20	8	8.5	70	10.5	15	10.0	22880.0418
9	4.50	9	9.5	73	11.0	17	12.0	22880.0419
10	4.75	10	10.5	75	12.5	19	15.0	22880.0420

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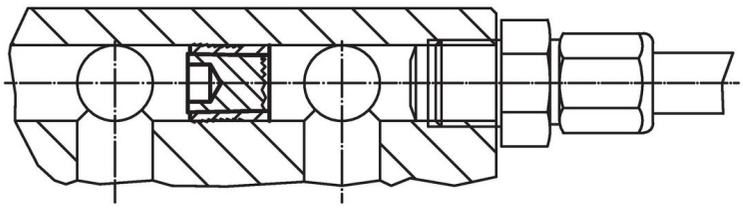
Application example



Working and control pressures for Expander® sealing plug with elongated pull-anchor							
basic material	ETG-100 AISI 1144	C15Pb 1.0403	GG-25 DIN 1691	GGG-50 DIN 1693	AlCuMg2 3.1354	AlMgSiPb 3.0615	G-AlSi7Mg 3.2371
d_1 4-10 mm	p [bar]						
	500	500	500	500	500	450	450
	pTest [bar]						
	1600	1600	1600	1600	1600	1400	1400

Compliance

RoHS-compliant
Contains lead - compliant according to exceptions 6(a)-I / 6(b)-II / 6(c).

Contains SVHC substances >0,1% w/w
Contains lead - SVHC list [REACH] as of 04.02.2026.

SCIP-code
937f5f54-40ab-4e0e-8855-33d7621316fb

Contains Proposition 65 substances

⚠
Lead can lead to cancer, developmental disorders, and reproductive damage in men and to reproductive damage in women from exposure.
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.