

**1. Unique identification code of the product-type:**

JORDAHL® anchor channel JTA, JZA, JXA and JXA-PC

**2. Generic type and use**

Transmission of static and quasi-static tensile and shear loads (perpendicular to and in the axis of the channel) in cracked and non-cracked concrete by means of T-shaped bolts inserted into the cast-in channel. Suitable for fire, fatigue and earthquake exposure.

**3. Trade Mark / Manufacturer:**

JORDAHL®  
 PohlCon GmbH, Nobelstraße 51, 12057 Berlin, Germany

**4. System(s) for assessing and verifying constancy of performance:**

System 1

**5. Technical Assessment**

**European Assessment Document:**

EAD 330008-04-0601-V01, Edition 03/2024

**European Technical Assessment:**

ETA-09/0338, Date: 18.06.2024

**Technical Assessment Body:**

Deutsches Institut für Bautechnik (DIBt), Kolonnenstr. 30B, 10829 Berlin

**Notified body:**

DVS ZERT GmbH, Aachener Straße 172, 40223 Düsseldorf

**Certificate of Conformity:**

2451-CPR-EAD-2018.0001.004

**6. Declared performance**

Essential characteristics	Performance
Characteristic resistance under static and quasi-static loading	
Resistance to steel under tensile load	ETA-09/0338, Annex C1-C7 *)
Resistance to concrete failure under tensile load	ETA-09/0338, Annex C8-C11 *)
Resistance to steel failure under shear load perpendicular to the longitudinal axis of the channel	ETA-09/0338, Annex C13-C16 *)
Resistance to steel failure under shear load in the longitudinal direction of the channel	ETA-09/0338, Annex C13-C16 *)
Resistance to concrete failure under shear load	ETA-09/0338, Annex C17-C18 *)
Resistance under combined tensile and shear loads	ETA-09/0338, Annex C22 *)
Characteristic resistance under fatigue loading	
Resistance to steel under tensile load	ETA-09/0338, Annex C23-C25 *)
Resistance to concrete failure under tensile load	ETA-09/0338, Annex C23-C25 *)
Fatigue resistance to steel failure under shear load in the longitudinal and perpendicular direction of the channel	ETA-09/0338, Annex C26 *)
Fatigue resistance to concrete failure under shear load in the longitudinal and perpendicular direction of the channel	ETA-09/0338, Annex C26 *)
Fatigue resistance under combined tensile and shear loads	ETA-09/0338, Annex C27 *)
Characteristic resistance under seismic loading	
Seismic resistance to steel under tensile load	ETA-09/0338, Annex C29-C34 *)
Seismic resistance to steel failure under shear load perpendicular to the longitudinal axis of the channel	ETA-09/0338, Annex C35-C39 *)
Seismic resistance to steel failure under shear load in the longitudinal direction of the channel	ETA-09/0338, Annex C35-C37 *)
Reaction to fire	Class A1
Resistance to fire	ETA-09/0338, Annex C40-C42 *)

Declaration of Performance No. DOP\_JTA\_0224\_EN  
JORDAHL® Anchor Channel JTA, JZA, JXA and JXA-PC



Durability	ETA-09/0338, Annex B1 *)
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The performance of the product identified in point 1 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer. Signed for and on behalf of the manufacturer by:

Berlin, 24.07.2024

Björn Wingerter, Head of engineering and product development, shell construction / facade

\*) [Further information](https://pohlcon.com/en/products/fastening/anchor-channels) [pohlcon.com/en/products/fastening/anchor-channels](https://pohlcon.com/en/products/fastening/anchor-channels)