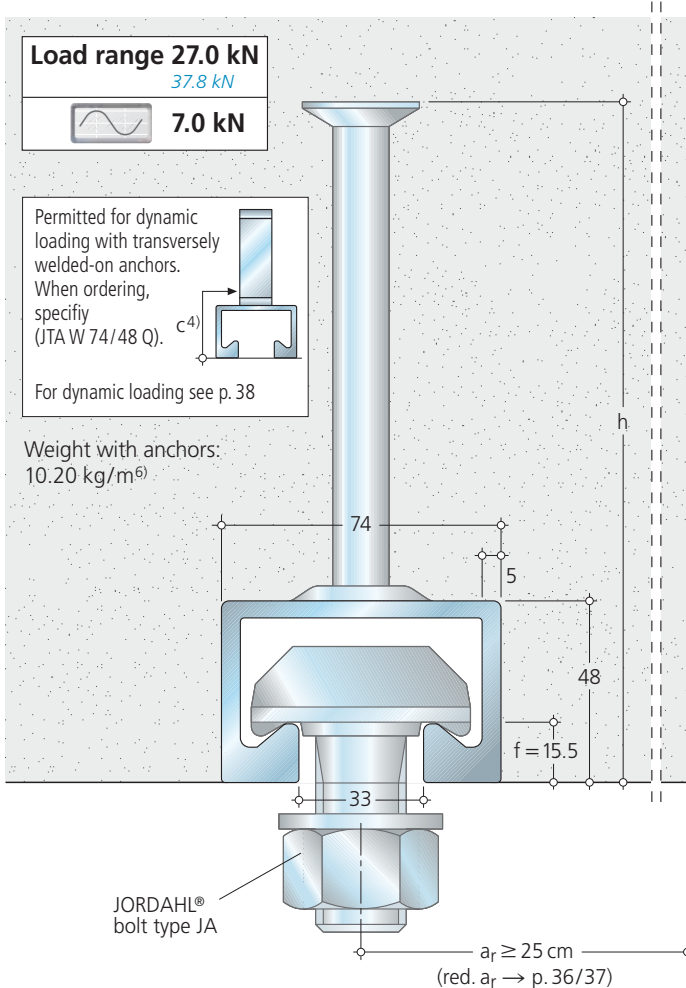


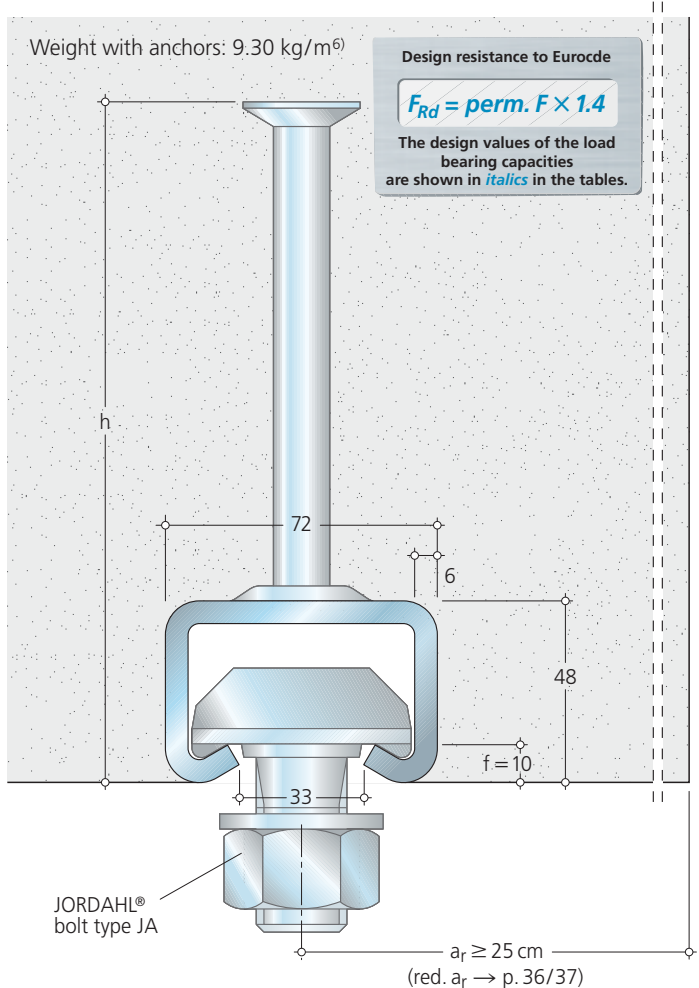
JORDAHL® channels and accessories

Anchor channel type JTA W 74/48 and K 72/48

JTA W 74/48



JTA K 72/48

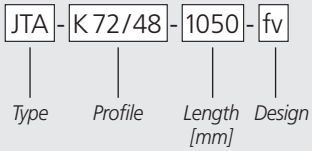


Type	JTA W 74/48				JTA K 72/48			
Material Design	S235JR fv, wb	1.4401/1.4404/1.4571 (A4) Round anchor A4 I anchor wb ⁴⁾			S275JR fv, wb	1.4401/1.4404/1.4571 ³⁾ (A4) Round anchor A4 I anchor wb ⁴⁾		
permissible point load [kN]¹⁾ ≥ C 20/25	JTA W 74/48 Q permitted for dynamic loads				27.0 (32.0) <i>37.8 (44.8)</i>			
	27.0 (32.0) <i>37.8 (44.8)</i>							
Anchor design²⁾	R	I 125	R	I 125 ⁴⁾	R	I 125	R	I 125
Installation height h [mm]	180	175	180	175	180	175	180	175
Filler	Polystyrene filling (PS)				Polystyrene filling (PS)			

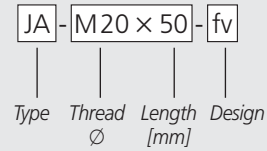
Lengths supplied: JTA W 74/48, K 72/48			
about 25 ⁵⁾			
	Length [mm]	Anchor (no.)	Anchor spacing s
Short pieces	150 ⁵⁾	2	100
	200	2	≤ 150
	250	2	≤ 200
	300	2	≤ 250
	350 – 550	3	≤ 250
	600 – 800	4	≤ 250
Cut lengths	850–1050	5	≤ 250
	1050 < L < 6000 on request		≤ 250
Stock lengths	6000 (-0/+50)	25	≤ 250

1) Max. permissible load as per Building Approval. C 20/25 Δ B 25. Bracketed values apply to C 30/37 Δ B 35. Permissible loads for the respective application → p. 33.
 2) Anchor design: R = round anchor (standard design); I = weld-on anchor. Supply not binding if not expressly ordered for dynamic loading.
 3) Can also be supplied upon request in stainless steel 1.4529/1.4547 for corrosion resistance class IV.
 4) With respect to corrosion prevention of the weld-on anchors, a concrete covering c of 60 mm must be used as a basis.
 5) In the case of round anchors, the end spacing is about 35 mm, anchor spacing 80 mm.
 6) Weight per metre for mill finish steel (for galvanized profiles: weight per metre × 1,10) (for stainless steel: weight per metre × 1,02)

**Ordering example
Anchor channels**



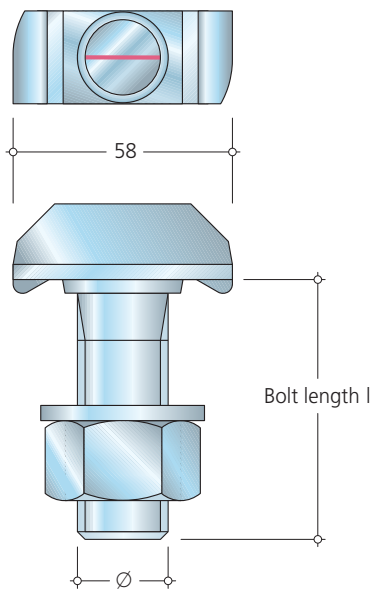
**Ordering example
JORDAHL® bolts type JA**



Anchor channel JTA W 74/48 for fixing machine elements. Absorption of dynamic loads through the W-profile and high loads possible.

JORDAHL® bolts type JA

Bottom view

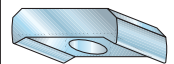


fv4.6 = hot-dip galvanized in strength class 4.6
fv8.8 = hot-dip galvanized in strength class 8.8
A4-50 = stainless steel 1.4401/1.4404/1.4571 in strength class 50

Bolt range JA

Length l [mm]	JAM 20	JAM 24	JAM 27	JAM 30
50	fv4.6	fv4.6 A4-50		
75	fv4.6	fv4.6	fv4.6	fv4.6
100	fv4.6	fv4.6 A4-50	fv4.6	fv4.6
150	fv4.6	fv4.6		fv4.6
200	fv4.6	fv4.6		fv4.6

**Locking plates
JGM A, M20**



gv, A4
→ p. 56

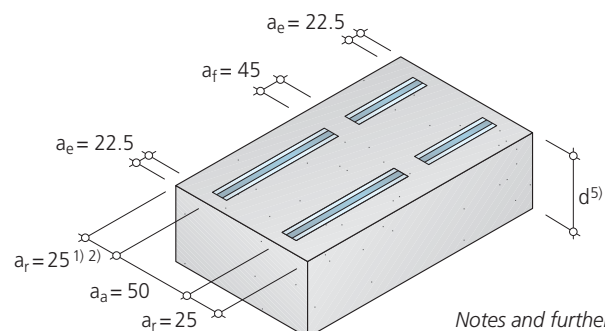
Permissible bolt loads

under tension, oblique tension or shear load

Type Ø	Recommended tightening torque M _A [Nm] ⁴⁾	Permissible load perm. F ¹⁾ /F _{Rd} [kN]		Permissible bending moment perm. M ²⁾³⁾ /M _{Rd} [Nm]	
		4.6	A4-50	4.6	A4-50
JAM 20	120	27.0 37.8	—	86.5 121.1	75.7 106.0
JAM 24	200	38.8 54.3	38.8 54.3	149.7 209.6	130.9 183.3
JAM 27	300	50.5 70.7	—	221.9 310.7	—
JAM 30	400	61.7 86.4	—	299.9 420.0	—

Notes → p. 40

Associated edge spacings [cm]



Notes and further minimum spacings → p. 35