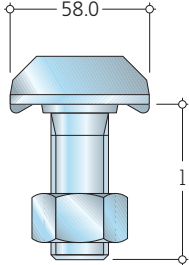
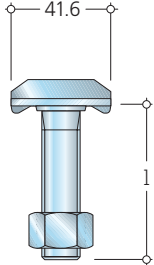
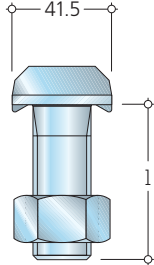
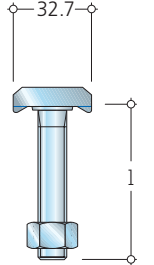


JORDAHL® hook-head bolts⁵⁾

JORDAHL® 'T' bolts, Overview

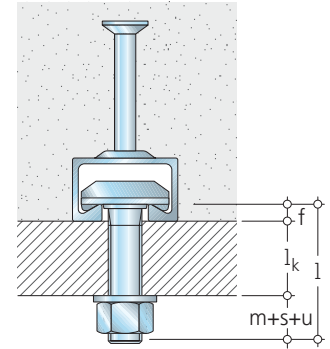
Bolt	Type JA				Type JB				Type JE ³⁾	Type JC						
																
Material	Steel grade 4.6, hot-dip galvanized (fv), stainless steel A4-50 ¹⁾				Steel grade 4.6, electro-galvanized (gv) or hot-dip galvanized (fv), stainless steel A4-50 ¹⁾											
for profile	W 74/48, K 72/48				W 54/43, K 53/34, W 53/34, K 50/40, W 50/30, K 50/30, K 48/26 ⁶⁾				W 54/43	W 40/22, K 40/22, K 40/25						
Bolt length l [mm]	JA M 20	JA M 24	JA M 27	JA M 30	JB M 10	JB M 12	JB M 16	JB M 20	JE M 24	JC M 10	JC M 12	JC M 16				
15																
20										gv —	gv —					
25																
30					gv —	gv A4	gv A4			gv A4	gv A4	gv A4				
35								gv —								
40					gv —	gv A4	gv A4			gv A4	gv A4	gv A4				
45								gv A4								
50	fv ³⁾ —	fv A4			gv —	gv A4	gv, fv, A4			gv A4	gv A4	gv A4 ²⁾				
55								gv A4								
60						gv —	gv, fv ³⁾ , A4		gv 4.6	gv —	gv, fv ³⁾ —	gv, fv ³⁾ , A4				
65								gv, fv ³⁾ —								
70																
75	fv —	fv —	fv —	fv —				gv A4								
80					gv —	gv —	gv, fv, A4			gv —	gv A4	gv A4				
100	fv —	fv ³⁾ A4	fv —	fv —		gv A4	gv —	gv, fv ³⁾ , A4 ⁴⁾		gv —	gv A4	gv, fv ³⁾ , A4				
125						gv —	gv —	gv A4			gv —	gv —				
150	fv —	fv —		fv —		gv —	gv A4	gv A4 ⁴⁾			gv A4	gv A4				
200	fv —	fv —		fv —		gv —	gv —	gv —			gv —	gv A4				
250												gv —				
300							gv —	gv —				gv —				
Profile Profile nose f [mm]	W 74/48 15.5		K 72/48 10		W 54/43 13.4		K 53/34 8		W 53/34 11.5		W 40/22 6		K 40/22 6		K 40/25 5	
Profile Profile nose f [mm]					K 50/40 6		W 50/30 8		K 50/30 6.5		K 48/26 6					

1) Can also be supplied in stainless steel A4-70 on request.
3) Can also be supplied in hot-dip galvanized 8.8.

2) Can be supplied with right-hand or left-hand thread.
4) Can also be supplied in stainless steel FA-70.

5) Will be supplied including nuts.
Washers must be ordered separately.

Determining required bolt length



- l** = bolt length
- l_k** = clamping length (thickness of the attached part)
- f** or **t** = profile nose
- m** = nut height to EN ISO 4032
- s** = washer thickness to EN ISO 7093-1
- u** = bolt projection to EN ISO 4753

Bolt	Sum m+s+u [mm]
M 6	8.8
M 8	11.3
M 10	13.9
M 12	17.3
M 16	21.8
M 20	27.0
M 24	32.5
M 27	35.8
M 30	38.6

Required bolt length req. l [mm]:

$$\text{Req. } l = l_k + f + (m + s + u)$$

Example

JORDAHL® anchor channel K 53/34, f = 8 mm, existing clamping length l_k = 65 mm, bolt JB M 16 gv
req. l = 65 + 8 + 21.8 = 94.8 mm
selected: JB M 16 × 100 gv

Type JH/JUH			Type JD/JUD				Type JG		
Steel grade 4.6, electro-galvanized (gv) or hot-dip galvanized (fv), stainless steel A4-50 ¹⁾									
K 38/17, K 36/36, K 36/20			K 28/28, K 28/15, K 28/12			K 28/28 K 28/15	K 21/12		
JH M 10	JH M 12	JUH M 16	JD M 6	JD M 8	JD M 10	JUD M 12	JG M 6	JG M 8	
gv —	gv —		gv —	gv —	gv —		gv —	gv —	
	— A4	— A4	gv —	gv —	gv A4		gv —	gv A4	
gv A4	gv A4	gv A4	gv —	gv A4	gv, fv, A4	gv —	gv —	gv A4	
gv A4	gv, fv, A4	gv A4	gv —	gv —	gv, fv, A4	gv —	gv —	gv A4	
gv A4	gv A4 ²⁾	gv A4 ²⁾	gv —	gv —	gv A4 ²⁾	gv —	gv —	gv A4	
gv A4	gv, fv, A4	gv A4	gv —	gv —	gv A4		gv —	gv —	
gv —	gv, fv, A4	gv A4 ²⁾		gv —	gv A4	gv —		gv —	
gv —	gv, fv ³⁾ , A4	gv A4		gv —	gv A4			gv —	
	gv —	gv —			gv A4				
gv —	gv A4	gv A4		gv —	gv A4				
	gv A4	gv A4			gv A4				
K 38/17	K 36/36	K 36/20	K 28/28	K 28/15	K 28/12	K 21/12			
3	2.5	2.3	2	2.3	2	1.6			

6) K 48/26 – M20 8.8 not applicable

JORDAHL® toothed and double-notch toothed bolts

JORDAHL® toothed bolts, Overview

Position identification

Hook and hammerhead bolts are identified by *a notch* at the end of the shank.



Toothed bolts and notched toothed bolts are identified by *two notches* at the end of the shank.



Following installation, the notch(es) must be at right angles to the channel longitudinal direction.

Bolt	Type JZS		Type JXD		Type JXH		Type JKB		Type JKC	
Material	Grade 8.8, (fv) Stainless steel A4-50		Grade 8.8, (fv) Stainless steel FA-70		Grade 8.8, (fv) Stainless steel FA-70		Grade 8.8, (fv) —		Grade 8.8, (fv) —	
for profile	K 41/22		W 29/20		W 38/23		W 50/30, W 53/34, W 54/43		W 40/22	
Bolt length l [mm]	JZS M 12	JZS M 16	JXD M 10	JXD M 12	JXH M 12	JXH M 16	JKB M 16	JKB M 20	JKC M 16	
15										
20										
25										
30				fv —	fv —	fv —				
35	fv A4	— A4								
40			fv	fv FA-70	fv FA-70	fv —			fv —	
45										
50	fv A4	fv A4		fv —	fv —	fv —				
55										
60				fv FA-70	fv FA-70	fv FA-70	fv —	fv —	fv —	
65										
70										
75								fv —		
80	— A4			fv FA-70	fv FA-70	fv —				
100		fv —		fv —	fv —	fv —				
125				fv —		fv —				
150				fv —	—	fv —				
200										
250										
300										
Profile	K 41/22		W 29/20		W 38/23		W 50/30 W 53/34		W 40/22	
Profile nose f [mm]	7.5		5		5.5		8 11.5		6	
							W 54/43			
							13.4			