

HAMMER-HEAD BOLTS

ONE-PIECE MODEL FOR PROFILES WITH STRAIGHT FLANGES

Type
20/12
28/15
38/17
41/22

- » As standard for profiles: 20/12 and 28/15 with and without square, 38/17 with square, 41/22 without square
- » On request as complete special part, according to customer drawing or sample, also for other profile sizes



HAMMER-HEAD BOLTS

ONE-PIECE MODEL FOR C-PROFILES

Type
40/22
50/30
72/48

- » As standard for profiles: 40/22, 50/30, 72/48
- » As complete special part, according to customer drawing or sample, also for other profile sizes



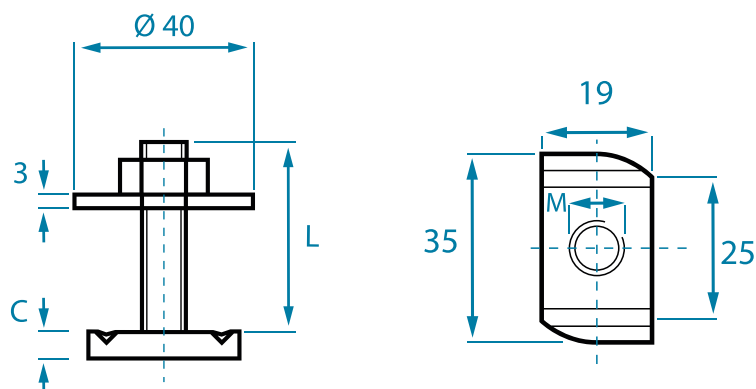
MATERIAL: Steel 4.6 or 8.8 zinc-plated acc. to DIN EN ISO 4042 or hot-dip galvanised, stainless steel A2 or A4
PACKAGING: Standard or according to customer specification


Optionally with or without hex nut acc. to DIN 934 and washer.

All of the dimensions stated above are approximate and may deviate both upwards and downwards.

HAMMER-HEAD BOLTS

TWO-PIECE MODEL FOR STRUT CHANNELS



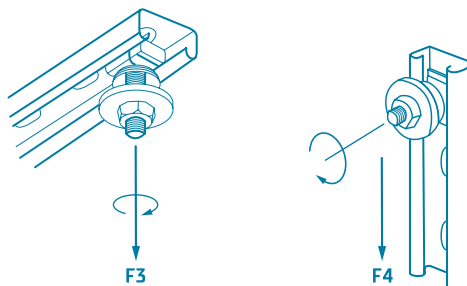
DIMENSIONS / 				
LENGTH (L)		M 8	M 10	M 12
		C	6 mm	8 mm
20		50 / 200	-	-
30		50 / 200	50 / 200	50 / 200
40		50 / 200	50 / 200	50 / 200
50		50 / 200	50 / 200	-
60		50 / 200	50 / 200	50 / 200
80		50 / 200	50 / 200	50 / 200
90		-	50	-
100		-	50	50

Safe working loads for hammer-head bolts

The following safe working loads apply for BTS hammer head bolts in steel and stainless steel for strut channels exposed to static load.

The maximum safe working load of the channel used is to be observed. BTS provides no guarantee for the safe working load of the channel.

Dimension	F3 [kN]	F4 [kN]	T [Nm]
M 6	5	1	3,5
M 8	6	2,4	8,4
M 10	7	3,5	17
M 12	7	4	29
M 16	12	4	71



» Pre-mounted with washer and hex nut DIN 934

» On request: Hot-dip galvanised top screws, individual tothing and tooth distance, special thicknesses, special lengths

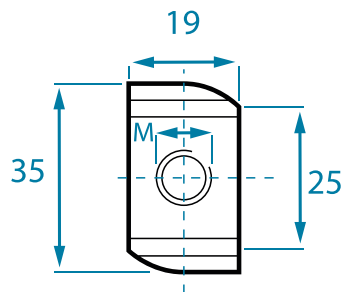
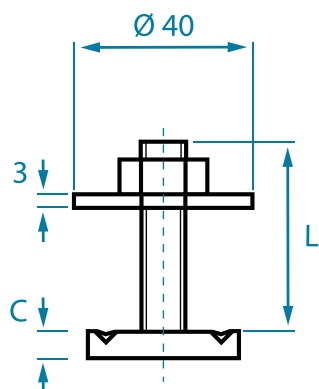
» Complete special part, also for other profile sizes

MATERIAL: Steel, minimum hardness 130 HB zinc-plated acc. to DIN EN ISO 4042, stainless steel A4, further finishes on request

All of the dimensions stated above are approximate and may deviate both upwards and downwards.

TOPSCREWS

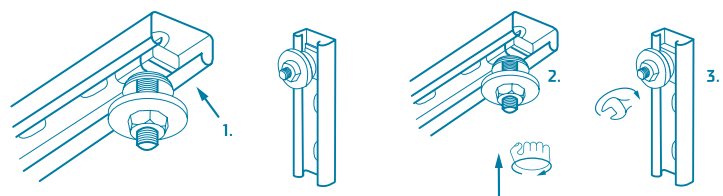
TWO-PIECE MODEL FOR STRUT CHANNELS



DIMENSIONS / 				
LENGTH		M 8	M 10	M 12
	C	6 mm	8mm	9 mm
	30	50 / 200	50 / 200	50 / 200
	40	50 / 200	50 / 200	50 / 200
	50	50 / 200	50 / 200	-
60	50 / 200	50 / 200	-	

Product benefits:

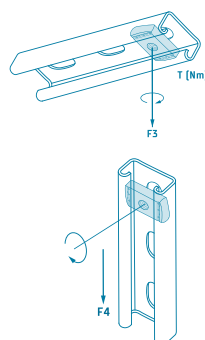
1. Time savings by pre-assembled system in various lengths
2. Sticks in the channel, ideal for vertical installations
3. Easy to move within the rail
4. No jamming of the spring in perforated channels
5. Just one system for all strut channels



Mounting:

1. Guide top screw through the opening in the profile
2. Press against top screw whilst simultaneously rotating by 90°
3. Finally, tighten hex nut

Dimension	F3 [kN]	F4 [kN]	T [Nm]
M 6	5	1	3,5
M 8	6	2,4	8,4
M 10	7	3,5	17
M 12	7	4	29
M 16	12	4	71



Safe working loads

The following safe working load apply for BTS top screws in steel and stainless steel for strut channels exposed to static load. The maximum safe working load of the channel used is to be observed. BTS provides no guarantee for the safe working load of the channel.

» Pre-mounted with washer and hex nut DIN 934

» On request: Hot-dip galvanised top screws, individual tothing and tooth distance, special thicknesses, special lengths

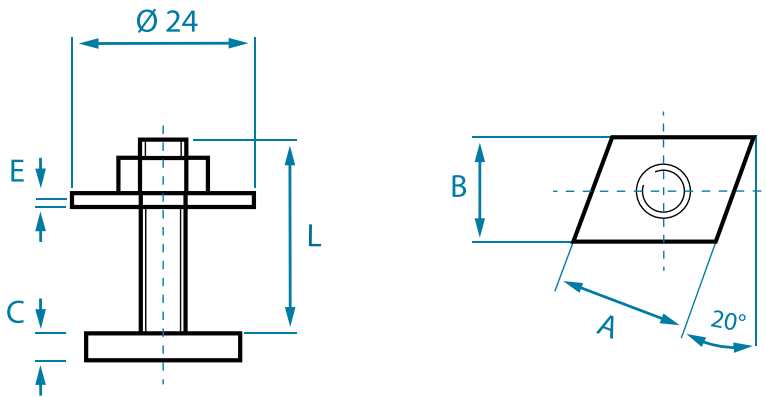
» Complete special part, also for other profile sizes


MATERIAL: Steel, minimum hardness 130 HB zinc-plated acc. to DIN EN ISO 4042, stainless steel A4, further finishes on request

All of the dimensions stated above are approximate and may deviate both upwards and downwards.

HAMMER-HEAD BOLTS

FOR PROFILES WITH STRAIGHT FLANGES TYPE 27/18 & 28/30



DIMENSIONS M8xL	A	B	C	D	E	
M8x30	21	16	5	24	2	50
M8x40	21	16	5	24	2	50
M8x50	21	16	5	24	2	50
M8x80	21	16	5	24	2	50

- » Completely mounted with DIN 9021 washer and DIN 934 hex nut
- » On request: Special parts, also for other profile sizes

MATERIAL: Steel, zinc-plated acc. to DIN EN ISO 4042, further finishes on request

All of the dimensions stated above are approximate and may deviate both upwards and downwards.