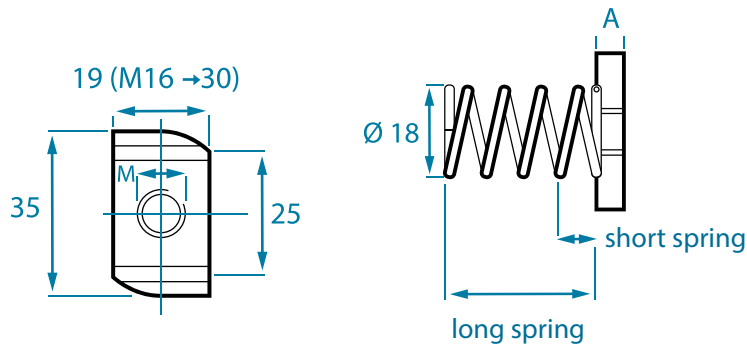


# CHANNEL NUTS

## TOOTHED FOR STRUT CHANNELS



	without spring		short spring		long spring		TOPNUT	
	A		A		A		A	
M 6	6	100 / 400	6	100 / 400	6	100 / 400	6	100 / 400
M 8	6	100 / 400	6	100 / 400	6	100 / 400	6	100 / 400
M 10	8	100 / 400	8	100 / 400	8	100 / 400	8	100 / 400
M 12	9	100 / 400	8	100 / 400	9	100 / 400	9	100 / 400
M 16	10	100 / 400	-	-	-	-	-	-

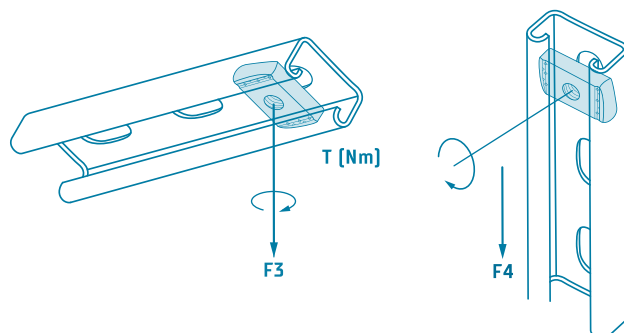
### Safe working loads

#### Channel nuts

The following safe working loads apply for BTS channel nuts in steel and stainless steel for strut channels in combination with a threaded rod

of strength class 4.6 [A4 - 50] 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



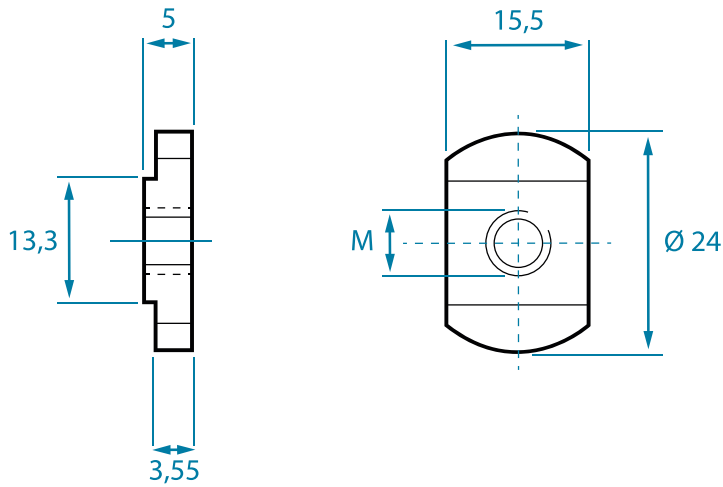
- » On request: Hot-dip galvanised channel nuts with oversize, individual tothing and tooth distance, special thicknesses
- » As complete special part, also for other profile sizes


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

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

# CHANNEL NUTS

## FOR CHANNELS WITH STRAIGHT FLANGES



Dimensions			
	Length	Width	
M 6, 8, 10	24,0 mm	15,5 mm	100 / 1800

**MATERIAL:** Steel, min. hardness 130 HB, zinc-plated acc. to DIN EN ISO 4042, further finishes on request

## FOR HYDRAULIC CLAMP BODIES

**LIGHT SERIES:** For securing of pipe and hose clamps in mounting rails  
M6, 1/4", M8, 5/16"

**HEAVY SERIES:** For securing of pipe and hose clamps in mounting rails GMV10 + 12, M10, M12

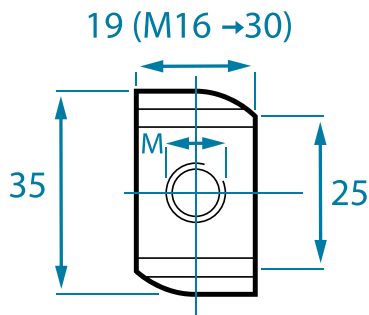


**MATERIAL:** Malleable cast iron, EN-GJMB-350-10 acc. to DIN EN 1562, non-plated, zinc-plated, nickel-plated acc. to DIN EN ISO 4042, on request stainless steel A2 and A4, pickled, passivated

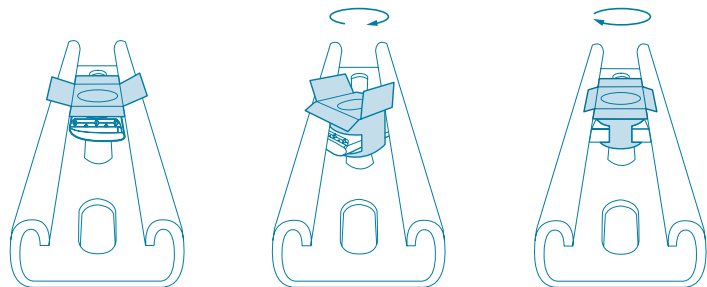
All of the dimensions stated above are approximate and may deviate both upwards and downwards.

# CHANNEL NUTS

## TOOTHED, WITH FIXING RETAINER FOR STRUT CHANNELS



Channel nuts with fixing retainer		
	Thickness (mm)	
M6	6	100
M8	6	100
M10	8	100
M12	9	100



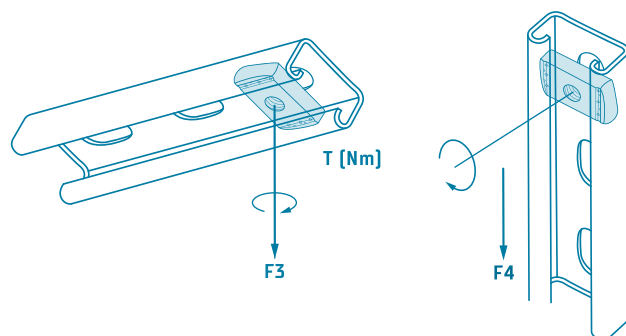
### Safe working loads Channel nuts

The following safe working loads apply for BTS channel nuts in steel and stainless steel for strut channels in combination with a threaded rod of strength class 4.6 [A4 - 50] exposed to static load.

Dimensions	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

### “Fixing at the flick of a wrist”

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.



- » One type for all strut channels
- » Simple and fast mounting with one hand
- » Holds after rotation in the rail, ideal for vertically-installed channels
- » Remains easy to move after mounting
- » No jamming of the spring in perforated channels

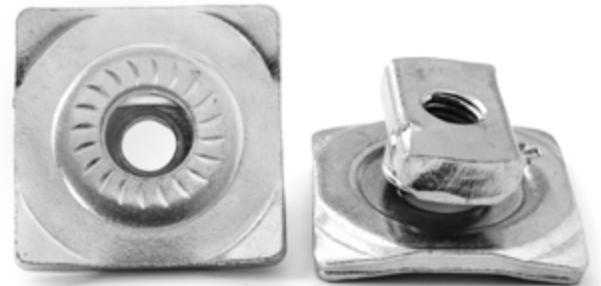
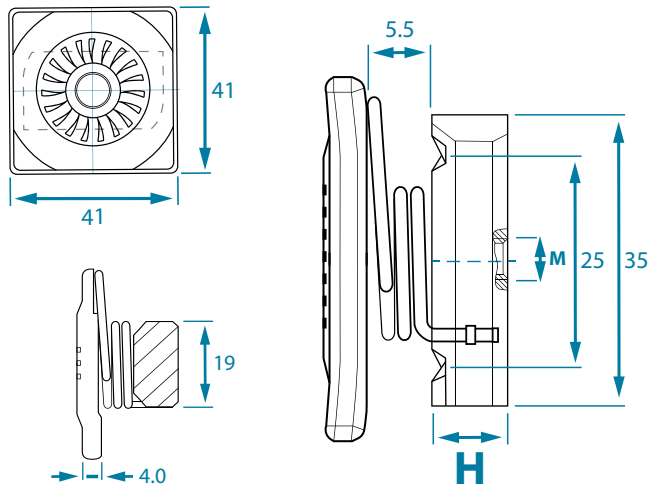
» On request: Hot-dip galvanised channel nuts with oversize, individual tothing /tooth spacing, special thicknesses, plastic in RAL colour on customer request  
Complete special part, also for other profile sizes

**MATERIAL:** Steel channel nut, min hardness 130 HB zinc-plated acc. to DIN EN ISO 4042 or hot-dip galvanised, stainless steel A4, polypropylene (plastic) fixing retainer with grey colour acc. to RAL7040, further finishes on request


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

# COMBO CHANNEL NUTS

WITH PREINSTALLED SQUARE WASHER AND SPRING FOR STRUT CHANNELS



## Combo Channel Nuts

M	H [mm]	
M6	6	100
M8	6	100
M10	8	100
M12	9	100

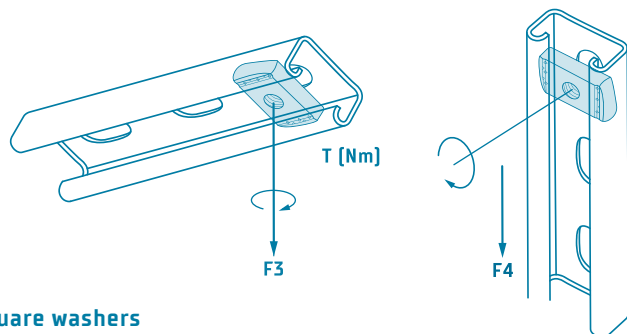
## Safe working loads

### Channel nuts

The following safe working loads apply for BTS channel nuts in steel and stainless steel for strut mounting rails in combination with a threaded rod of strength class 4.6 [A4- 50] exposed to static load.

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

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.



- » Combines the functions of spring channel nuts and square washers
- » Square Washer with tothing for a conditional protection against self-loosening of the bolt
- » No jamming in perforated channels thanks to the spring on the top
- » All parts made of steel – robust product
- » One type for all strut channels
- » Ideal for vertically installed channels – holds in the channel after rotation
- » Remains easy to move after mounting

- » On request: Hot dip galvanized channel nuts, stainless steel A4, individual tothing / tooth spacing, special thicknesses, complete special part – also for other profile sizes

MATERIAL: Steel channel nut and square washer, min. hardness 130 HB, zinc-plated

All of the dimensions stated above are approximate and may deviate both upwards and downwards. Subject to prior sale.