



# BOLTS AND ACCESSORIES

## General information and explanation

For all HALFEN T-bolts specification GV-S = galvanized special coating:

Galvanized special coatings for long-lasting corrosion protection can be used like hot-dip galvanized coatings according to approval Z-21.4-34, appendix 10 depending on application.

HALFEN Cast-in channels, suitable for HALFEN Framing channels type DYNAGRIP according to approval Z-21.4-1691, appendix 7.

Article name	PE [item]	Article no.
HS 72/48 M20 x 50 FV	20	0350.100-00003
HS 72/48 M24 x 100 GV 8.8	10	0350.100-00025
KLP - Nr. 26 FV	1	0325.010-00002

PU [item] = Packaging unit [piece]

Further product details regarding the bolts and accessories can be found in our catalogues and [www.halfen.com](http://www.halfen.com).

- Technical Product Information MT-FFC Flexible Framing Connections
- Technical Product Information MT-FBC Flexible Bolt Connections
- Technical Product Information GA Permanent Scaffold Anchor
- Technical Product Information B HALFEN Cast-in channels
- Technical Product Information HB Anchor Bolt Systems



All catalogues are included in the HALFEN Catalogue App, which is available in the App Store and the Google Play Store for download.



# HALFEN BOLTS

**HS 72/48**  
HALFEN T-bolt including nut,  
for channels 72/48, 72/49

① Standard head shape

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: FV = hot-dip galvanized, grade class 4.6		
HS 72/48 M20 x 50 FV	20	100-00003
HS 72/48 M20 x 75 FV	20	100-00004
HS 72/48 M20 x 100 FV	15	100-00005
HS 72/48 M20 x 150 FV	10	100-00006
HS 72/48 M20 x 200 FV	10	100-00007
HS 72/48 M24 x 50 FV	15	100-00008
HS 72/48 M24 x 75 FV	15	100-00009
HS 72/48 M24 x 100 FV	10	100-00010
HS 72/48 M24 x 150 FV	10	100-00011
HS 72/48 M24 x 200 FV	10	100-00012
HS 72/48 M27 x 75 FV	25	100-00015
HS 72/48 M30 x 75 FV	20	100-00018
HS 72/48 M30 x 100 FV	15	100-00019
HS 72/48 M30 x 150 FV	15	100-00020
HS 72/48 M30 x 200 FV	5	100-00021
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HS 72/48 M20 x 75 GV-S 8.8	20	100-00023
HS 72/48 M20 x 100 GV-S 8.8	15	100-00024
HS 72/48 M24 x 100 GV-S 8.8	10	100-00025
HS 72/48 M24 x 150 GV-S 8.8	10	100-00026
Specification: FV = hot-dip galvanized, grade class 8.8		
HS 72/48 M20 x 60 FV 8.8	20	100-00022
HS 72/48 M24 x 75 FV 8.8	15	100-00014
HS 72/48 M27 x 100 FV 8.8	20	100-00017
Specification: A4-50 = stainless steel material grade A4-50		
HS 72/48 M24 x 50 A4-50	15	100-00001
HS 72/48 M24 x 100 A4-50	15	100-00002

**HS 50/30**  
HALFEN T-bolt including nut,  
for channels 55/42, 52//34, 54/33, 50/30, 49/30, 50/40, 486

① Standard head shape  
② Alternative head shape ①

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: GV-S = electroplated special coating ★, grade class 4.6		
HS 50/30 M10 x 30 GV-S	100	090-00020
HS 50/30 M10 x 40 GV-S	100	090-00021
HS 50/30 M10 x 50 GV-S	100	090-00022
HS 50/30 M12 x 30 GV-S	100	090-00028
HS 50/30 M12 x 40 GV-S	50	090-00029
HS 50/30 M12 x 50 GV-S	50	090-00030
HS 50/30 M12 x 60 GV-S	50	090-00031
HS 50/30 M12 x 80 GV-S	50	090-00032
HS 50/30 M12 x 100 GV-S	50	090-00033
HS 50/30 M12 x 125 GV-S	50	090-00034
HS 50/30 M12 x 150 GV-S	50	090-00035
HS 50/30 M12 x 200 GV-S	25	090-00036
HS 50/30 M16 x 30 GV-S	50	090-00046
HS 50/30 M16 x 40 GV-S	50	090-00047
HS 50/30 M16 x 50 GV-S	50	090-00048
HS 50/30 M16 x 60 GV-S	25	090-00049
HS 50/30 M16 x 80 GV-S	25	090-00051
HS 50/30 M16 x 100 GV-S	25	090-00052
HS 50/30 M16 x 125 GV-S	25	090-00076
HS 50/30 M16 x 150 GV-S ①	25	090-00053
HS 50/30 M16 x 200 GV-S ①	25	090-00054
HS 50/30 M16 x 300 GV-S ①	25	090-00055
HS 50/30 M20 x 35 GV-S	25	090-00063
HS 50/30 M20 x 45 GV-S	25	090-00064
HS 50/30 M20 x 55 GV-S	25	090-00065
HS 50/30 M20 x 65 GV-S	25	090-00066
HS 50/30 M20 x 75 GV-S	25	090-00067
HS 50/30 M20 x 100 GV-S	25	090-00068
HS 50/30 M20 x 125 GV-S	25	090-00069
HS 50/30 M20 x 150 GV-S	25	090-00070
HS 50/30 M20 x 200 GV-S	10	090-00071
HS 50/30 M20 x 300 GV-S	10	090-00072
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HS 50/30 M12 x 35 GV-S 8.8	25	090-00087
HS 50/30 M12 x 45 GV-S 8.8	25	090-00040
HS 50/30 M12 x 60 GV-S 8.8	25	090-00037
HS 50/30 M12 x 80 GV-S 8.8	25	090-00077
HS 50/30 M16 x 40 GV-S 8.8	25	090-00057
HS 50/30 M16 x 50 GV-S 8.8	25	090-00058
HS 50/30 M16 x 60 GV-S 8.8	25	090-00056
HS 50/30 M16 x 80 GV-S 8.8	10	090-00078
HS 50/30 M16 x 100 GV-S 8.8	10	090-00079
HS 50/30 M20 x 45 GV-S 8.8	25	090-00074
HS 50/30 M20 x 60 GV-S 8.8	25	090-00073
HS 50/30 M20 x 80 GV-S 8.8	25	090-00080
HS 50/30 M20 x 100 GV-S 8.8	10	090-00081
HS 50/30 M20 x 150 GV-S 8.8	10	090-00082

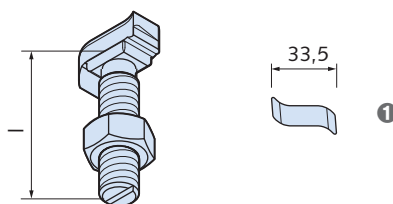


# HALFEN BOLTS

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: FV = hot-dip galvanized, grade class 4.6		
HS 50/30 M10 x 30 FV	100	090-00019
HS 50/30 M12 x 40 FV	50	090-00026
HS 50/30 M16 x 40 FV	50	090-00041
HS 50/30 M16 x 50 FV	50	090-00042
HS 50/30 M16 x 60 FV	25	090-00084
HS 50/30 M16 x 80 FV	25	090-00091
HS 50/30 M16 x 100 FV	25	090-00043
HS 50/30 M16 x 150 FV	25	090-00044
HS 50/30 M20 x 55 FV	25	090-00060
HS 50/30 M20 x 100 FV	25	090-00062
HS 50/30 M24 x 75 FV	25	090-00089
Specification: FV = hot-dip galvanized, grade class 8.8		
HS 50/30 M16 x 60 FV 8.8	25	090-00045
Specification: A4-50 = stainless steel material grade A4-50		
HS 50/30 M12 x 100 A4-50	25	090-00004
HS 50/30 M16 x 30 A4-50	25	090-00005
HS 50/30 M16 x 40 A4-50	25	090-00006
HS 50/30 M16 x 50 A4-50	25	090-00007
HS 50/30 M16 x 60 A4-50	25	090-00008
HS 50/30 M16 x 80 A4-50	10	090-00009
HS 50/30 M16 x 150 A4-50	10	090-00010
HS 50/30 M20 x 45 A4-50	25	090-00012
HS 50/30 M20 x 55 A4-50	25	090-00013
HS 50/30 M20 x 75 A4-50	25	090-00014
HS 50/30 M20 x 100 A4-50	10	090-00015
HS 50/30 M20 x 125 A4-50	10	090-00016
HS 50/30 M20 x 150 A4-50	10	090-00017
Specification: A4-70 = stainless steel material grade A4-70		
HS 50/30 M12 x 30 A4-70	25	090-00001
HS 50/30 M12 x 40 A4-70	25	090-00002
HS 50/30 M12 x 50 A4-70	25	090-00003
HS 50/30 M16 x 80 A4-70	10	090-00094
Specification: FA-70 = stainless steel material grade FA-70		
HS 50/30 M20 x 55 FA-70	25	090-00095
HS 50/30 M20 x 75 FA-70	25	090-00096
HS 50/30 M20 x 100 FA-70	25	090-00097
HS 50/30 M20 x 150 FA-70	25	090-00098
Specification: HCR-50 = stainless steel material grade HCR-50, high corrosion resistance		
HS 50/30 M16 x 50 HCR-50	25	090-00085
HS 50/30 M16 x 80 HCR-50	10	090-00086

## HS 40/22

HALFEN T- bolt including nut,  
for channels 40/22, 40/25, 422



① Standard head shape

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: GV-S = electroplated special coating ★, grade class 4.6		
HS 40/22 M10 x 20 GV-S	100	070-00020
HS 40/22 M10 x 30 GV-S	100	070-00022
HS 40/22 M10 x 40 GV-S	100	070-00023
HS 40/22 M10 x 50 GV-S	100	070-00024
HS 40/22 M10 x 60 GV-S	100	070-00025
HS 40/22 M10 x 80 GV-S	50	070-00027
HS 40/22 M10 x 100 GV-S	50	070-00028
HS 40/22 M12 x 20 GV-S	100	070-00031
HS 40/22 M12 x 30 GV-S	100	070-00032
HS 40/22 M12 x 40 GV-S	50	070-00033
HS 40/22 M12 x 50 GV-S	50	070-00034
HS 40/22 M12 x 60 GV-S	50	070-00035
HS 40/22 M12 x 80 GV-S	50	070-00036
HS 40/22 M12 x 100 GV-S	50	070-00037
HS 40/22 M12 x 125 GV-S	50	070-00038
HS 40/22 M12 x 150 GV-S	50	070-00039
HS 40/22 M12 x 200 GV-S	25	070-00040
HS 40/22 M16 x 30 GV-S	50	070-00051
HS 40/22 M16 x 40 GV-S	50	070-00052
HS 40/22 M16 x 50 GV-S	50	070-00053
HS 40/22 M16 x 60 GV-S	25	070-00054
HS 40/22 M16 x 80 GV-S	25	070-00056
HS 40/22 M16 x 100 GV-S	25	070-00057
HS 40/22 M16 x 125 GV-S	25	070-00058
HS 40/22 M16 x 150 GV-S	25	070-00059
HS 40/22 M16 x 200 GV-S	25	070-00060
HS 40/22 M16 x 250 GV-S	25	070-00061
HS 40/22 M16 x 300 GV-S	25	070-00062
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HS 40/22 M12 x 40 GV-S 8.8	50	070-00041
HS 40/22 M12 x 45 GV-S 8.8	50	070-00045
HS 40/22 M12 x 60 GV-S 8.8	50	070-00042
HS 40/22 M12 x 80 GV-S 8.8	50	070-00070
HS 40/22 M12 x 100 GV-S 8.8	50	070-00047
HS 40/22 M16 x 60 GV-S 8.8	25	070-00071
HS 40/22 M16 x 80 GV-S 8.8	25	070-00072
Specification: FV = hot-dip galvanized, grade class 4.6		
HS 40/22 M12 x 30 FV	100	070-00029
HS 40/22 M12 x 50 FV	50	070-00030
HS 40/22 M16 x 50 FV	50	070-00048
HS 40/22 M16 x 60 FV	25	070-00078
HS 40/22 M16 x 100 FV	25	070-00049

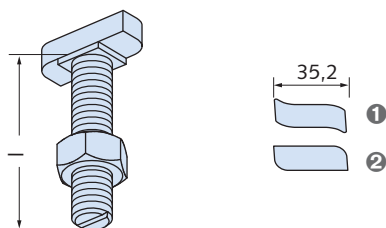


# HALFEN BOLTS

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: A4-50 = stainless steel material grade A4-50		
HS 40/22 M12 x 30 A4-50	25	070-00004
HS 40/22 M12 x 40 A4-50	25	070-00005
HS 40/22 M12 x 50 A4-50	25	070-00006
HS 40/22 M12 x 80 A4-50	25	070-00007
HS 40/22 M16 x 30 A4-50	25	070-00009
HS 40/22 M16 x 40 A4-50	25	070-00010
HS 40/22 M16 x 50 A4-50	25	070-00011
HS 40/22 M16 x 60 A4-50	25	070-00012
HS 40/22 M16 x 80 A4-50	25	070-00013
HS 40/22 M16 x 100 A4-50	10	070-00014
HS 40/22 M16 x 150 A4-50	10	070-00015
Specification: A4-70 = stainless steel material grade A4-70		
HS 40/22 M10 x 30 A4-70	25	070-00001
HS 40/22 M10 x 40 A4-70	25	070-00002
HS 40/22 M10 x 50 A4-70	25	070-00003
HS 40/22 M12 x 40 A4-70	50	070-00083
HS 40/22 M16 x 50 A4-70	25	070-00082

## HS 41/41

HALFEN T-bolt including nut,  
for all system 41 channels

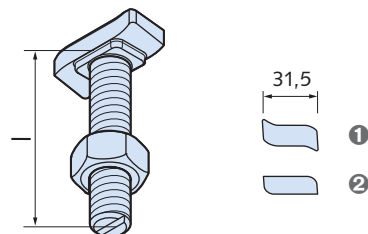


- ① Standard head shape
- ② Alternative head shape ①

Article name	PU [items]	Article no.
Thread x length l [mm]		0323.
Specification: FV = hot-dip galvanized, grade class 4.6		
HS 41/41 M10 x 35 FV	100	000-00003
HS 41/41 M12 x 35 FV	100	000-00004
HS 41/41 M12 x 50 FV	50	000-00007
Specification: A4-70 = stainless steel material grade A4-70		
HS 41/41 M10 x 35 A4-70 ①	100	000-00001
HS 41/41 M12 x 35 A4-70 ①	100	000-00002

## HS 38/17

HALFEN T-bolt including nut,  
for channels 38/17, 36/36, 36/20, 35/50



- ① Standard head shape
- ② Alternative head shape ①

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: GV-S = electroplated special coating ★, grade class 4.6		
HS 38/17 M10 x 20 GV-S	100	050-00037
HS 38/17 M10 x 30 GV-S	100	050-00038
HS 38/17 M10 x 40 GV-S	100	050-00039
HS 38/17 M10 x 50 GV-S	100	050-00040
HS 38/17 M10 x 60 GV-S	100	050-00041
HS 38/17 M10 x 80 GV-S	50	050-00043
HS 38/17 M10 x 100 GV-S	50	050-00044
HS 38/17 M10 x 150 GV-S ①	50	050-00045
HS 38/17 M12 x 20 GV-S	100	050-00051
HS 38/17 M12 x 30 GV-S	100	050-00052
HS 38/17 M12 x 40 GV-S	50	050-00053
HS 38/17 M12 x 50 GV-S	50	050-00054
HS 38/17 M12 x 60 GV-S	50	050-00055
HS 38/17 M12 x 80 GV-S	50	050-00056
HS 38/17 M12 x 100 GV-S	50	050-00057
HS 38/17 M12 x 125 GV-S ①	50	050-00058
HS 38/17 M12 x 150 GV-S ①	25	050-00059
HS 38/17 M12 x 200 GV-S ①	25	050-00060
HS 38/17 M16 x 30 GV-S	50	050-00067
HS 38/17 M16 x 40 GV-S	50	050-00068
HS 38/17 M16 x 50 GV-S	50	050-00069
HS 38/17 M16 x 60 GV-S	50	050-00070
HS 38/17 M16 x 80 GV-S	25	050-00071
HS 38/17 M16 x 100 GV-S	25	050-00072
HS 38/17 M16 x 125 GV-S ①	25	050-00073
HS 38/17 M16 x 150 GV-S ①	25	050-00074
HS 38/17 M16 x 200 GV-S ①	25	050-00075
Specification: GV-S = electroplated special coating ★ grade class 8.8		
HS 38/17 M12 x 60 GV-S 8.8	50	050-00081
HS 38/17 M16 x 60 GV-S 8.8	50	050-00082
Specification: FV = hot-dip galvanized, grade class 4.6		
HS 38/17 M10 x 30 FV	100	050-00036
HS 38/17 M12 x 30 FV	100	050-00046
HS 38/17 M12 x 50 FV	50	050-00048
HS 38/17 M16 x 30 FV	50	050-00061
HS 38/17 M16 x 40 FV	50	050-00062
HS 38/17 M16 x 50 FV	50	050-00063
HS 38/17 M16 x 100 FV	25	050-00064
Specification: FV = hot-dip galvanized, grade class 8.8		
HS 38/17 M12 x 70 FV 8.8	50	050-00050
HS 38/17 M16 x 60 FV 8.8	50	050-00065
Specification: A2-70 = stainless steel material grade A2-70		
HS 38/17 M12 x 30 A2-70	50	050-00005
HS 38/17 M12 x 40 A2-70	50	050-00006
HS 38/17 M12 x 50 A2-70	50	050-00007
Specification: A4 according to table, page 2		
HS 38/17 M12 x 50 left A4 ②	50	050-00131
HS 38/17 M16 x 50 left A4 ②	50	050-00133



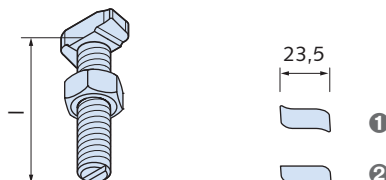
# HALFEN BOLTS

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: A4-50 = stainless steel material grade A4-50		
HS 38/17 M12 x 100 A4-50	50	050-00008
HS 38/17 M16 x 30 A4-50	50	050-00023
HS 38/17 M16 x 40 A4-50	50	050-00024
HS 38/17 M16 x 50 A4-50	50	050-00025
HS 38/17 M16 x 60 A4-50	25	050-00026
HS 38/17 M16 x 80 A4-50	25	050-00027
HS 38/17 M16 x 80 left A4-50	50	050-00035
HS 38/17 M16 x 100 A4-50	25	050-00028
HS 38/17 M16 x 150 A4-50 ①	25	050-00029
Specification: A4-70 = stainless steel material grade A4-70		
HS 38/17 M10 x 30 A4-70	50	050-00001
HS 38/17 M10 x 40 A4-70	50	050-00002
HS 38/17 M10 x 50 A4-70	50	050-00003
HS 38/17 M10 x 60 A4-70	50	050-00004
HS 38/17 M12 x 25 A4-70	50	050-00011
HS 38/17 M12 x 30 A4-70	50	050-00012
HS 38/17 M12 x 40 A4-70	50	050-00013
HS 38/17 M12 x 50 A4-70	50	050-00014
HS 38/17 M12 x 60 A4-70	50	050-00015
HS 38/17 M12 x 80 A4-70	50	050-00016
Specification: HCR-50 = stainless steel material grade HCR-50, high corrosion resistance		
HS 38/17 M12 x 60 HCR-50 ②	50	050-00078

② without nut

## HS 28/15

HALFEN T-bolt including nut,  
for channels 28/15, 28/28, 26/26



- ① Standard head shape
- ② Alternative head shape ①

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: GV-S = electroplated special coating ★, grade class 4.6		
HS 28/15 M6 x 15 GV-S	100	020-00021
HS 28/15 M6 x 20 GV-S	100	020-00022
HS 28/15 M6 x 25 GV-S	100	020-00023
HS 28/15 M6 x 30 GV-S	100	020-00024
HS 28/15 M6 x 40 GV-S	100	020-00025
HS 28/15 M8 x 15 GV-S	100	020-00028
HS 28/15 M8 x 20 GV-S	100	020-00029
HS 28/15 M8 x 25 GV-S	100	020-00030
HS 28/15 M8 x 30 GV-S	100	020-00031
HS 28/15 M8 x 40 GV-S	100	020-00032
HS 28/15 M8 x 50 GV-S	100	020-00033
HS 28/15 M8 x 60 GV-S	100	020-00034
HS 28/15 M8 x 80 GV-S	100	020-00035
HS 28/15 M8 x 100 GV-S	100	020-00036
HS 28/15 M10 x 15 GV-S	100	020-00041
HS 28/15 M10 x 20 GV-S	100	020-00042
HS 28/15 M10 x 25 GV-S	100	020-00043
HS 28/15 M10 x 30 GV-S	100	020-00044
HS 28/15 M10 x 40 GV-S	100	020-00046
HS 28/15 M10 x 50 GV-S	100	020-00047
HS 28/15 M10 x 60 GV-S	100	020-00048
HS 28/15 M10 x 80 GV-S	100	020-00049
HS 28/15 M10 x 100 GV-S	50	020-00050
HS 28/15 M10 x 125 GV-S	50	020-00051
HS 28/15 M10 x 150 GV-S	50	020-00052
HS 28/15 M10 x 200 GV-S	50	020-00053
HS 28/15 M12 x 30 GV-S ①	100	020-00057
HS 28/15 M12 x 35 GV-S ①	100	020-00058
HS 28/15 M12 x 50 GV-S ①	50	020-00059
HS 28/15 M12 x 80 GV-S ①	50	020-00060
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HS 28/15 M8 x 20 GV-S 8.8	100	020-00071
HS 28/15 M10 x 60 GV-S 8.8	100	020-00068
Specification: FV = hot-dip galvanized, grade class 4.6		
HS 28/15 M10 x 20 FV	100	020-00061
HS 28/15 M10 x 30 FV	100	020-00038
HS 28/15 M10 x 50 FV	100	020-00039
Specification: FV = hot-dip galvanized, grade class 8.8		
HS 28/15 M10 x 40 FV 8.8	100	020-00040
Specification: A2-70 = stainless steel material grade A2-70		
HS 28/15 M8 x 20 A2-70	100	020-00073
HS 28/15 M8 x 25 A2-70	100	020-00001
HS 28/15 M8 x 30 A2-70	100	020-00002
HS 28/15 M10 x 20 A2-70	100	020-00004
HS 28/15 M10 x 25 A2-70	100	020-00005
HS 28/15 M10 x 30 A2-70	100	020-00006
HS 28/15 M10 x 40 A2-70	100	020-00007
HS 28/15 M10 x 50 A2-70	100	020-00008

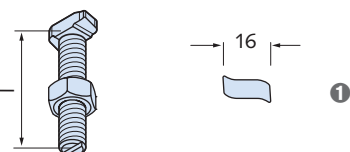


# HALFEN BOLTS

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: A4-50 = stainless steel material grade A4-50		
HS 28/15 M10 x 100 A4-50	50	020-00009
HS 28/15 M10 x 125 A4-50	50	020-00010
HS 28/15 M10 x 150 A4-50	50	020-00011
HS 28/15 M10 x 200 A4-50	50	020-00012
Specification: A4-70 = stainless steel material grade A4-70		
HS 28/15 M8 x 30 A4-70	100	020-00003
HS 28/15 M10 x 20 A4-70	100	020-00013
HS 28/15 M10 x 25 A4-70	100	020-00014
HS 28/15 M10 x 30 A4-70	100	020-00015
HS 28/15 M10 x 40 A4-70	100	020-00016
HS 28/15 M10 x 50 A4-70	100	020-00017
HS 28/15 M10 x 60 A4-70	100	020-00018
HS 28/15 M10 x 80 A4-70	100	020-00019
Specification: HCR-50 = stainless steel material grade HCR-50, high corrosion resistance		
HS 28/15 M10 x 30 HCR-50	100	020-00062
HS 28/15 M10 x 50 HCR-50	100	020-00063

## HS 20/12

HALFEN T-bolt including nut, for channel 20/12

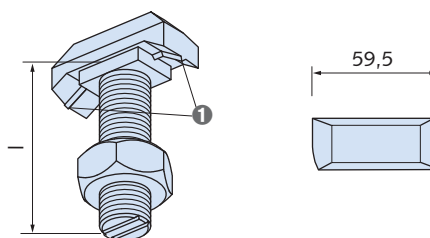


① Standard head shape

Article name	PU [items]	Article no.
Thread x length l [mm]		0350.
Specification: GV-S = electroplated special coating ★, grade class 4.6		
HS 20/12 M6 x 20 GV-S	100	010-00006
HS 20/12 M6 x 30 GV-S	100	010-00007
HS 20/12 M6 x 40 GV-S	100	010-00008
HS 20/12 M8 x 15 GV-S	100	010-00011
HS 20/12 M8 x 20 GV-S	100	010-00012
HS 20/12 M8 x 25 GV-S	100	010-00013
HS 20/12 M8 x 30 GV-S	100	010-00014
HS 20/12 M8 x 40 GV-S	100	010-00015
HS 20/12 M8 x 50 GV-S	100	010-00016
HS 20/12 M8 x 60 GV-S	100	010-00017
HS 20/12 M8 x 80 GV-S	100	010-00018
Specification: A2-70 = stainless steel material grade A2-70		
HS 20/12 M8 x 20 A2-70	100	010-00002
HS 20/12 M8 x 30 A2-70	100	010-00003
HS 20/12 M8 x 50 A2-70	100	010-00005

## HSR 72/48

HALFEN nibbed T-bolt including nut, for channel 72/48

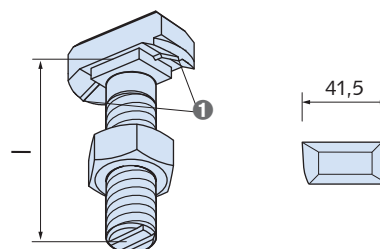


① Nib

Article name	PU [items]	Article no.
Thread x length l [mm]		0351.
Specification: FV = hot-dip galvanized, grade class 8.8		
HSR 72/48 M20 x 75 FV 8.8	20	100-00002

## HSR 50/30

HALFEN nibbed T-bolt including nut, for channels 52/34, 50/30

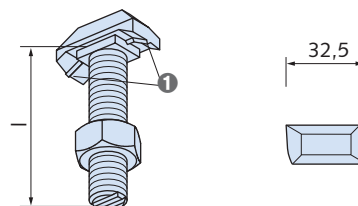


① Nib

Article name	PU [items]	Article no.
Thread x length l [mm]		0351.
Specification: FV = hot-dip galvanized, grade class 8.8		
HSR 50/30 M16 x 40 FV 8.8	50	090-00001
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HSR 50/30 M16 x 60 GV-S 8.8	25	090-00002
HSR 50/30 M20 x 45 GV-S 8.8	25	090-00003
HSR 50/30 M20 x 60 GV-S 8.8	25	090-00004
HSR 50/30 M20 x 75 GV-S 8.8	25	090-00005

## HSR 40/22

HALFEN nibbed T-bolt including nut, for channel 40/22



① Nib

Article name	PU [items]	Article no.
Thread x length l [mm]		0351.
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HSR 40/22 M16 x 40 GV-S 8.8	50	070-00001
HSR 40/22 M16 x 60 GV-S 8.8	25	070-00002



# HALFEN BOLTS

**HZS 64/44**  
HALFEN T-bolt, with teeth, including nut,  
for channel HZA 64/44

① Teeth

Article name	PU [items]	Article no.
Thread x length [mm]		0352.
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HZS 64/44 M20 x 80 GV-S 8.8	25	090-00001
HZS 64/44 M20 x 125 GV-S 8.8	25	090-00002
HZS 64/44 M24 x 80 GV-S 8.8	25	090-00003
HZS 64/44 M24 x 150 GV-S 8.8	25	090-00004
Specification: A4-70 = stainless steel material grade A4-70		
HZS 64/44 M20 x 80 A4-70	25	090-00011
HZS 64/44 M20 x 125 A4-70	25	090-00012
HZS 64/44 M24 x 80 A4-70	25	090-00013
HZS 64/44 M24 x 150 A4-70	25	090-00014

**HZS 53/34**  
HALFEN T-bolt, with teeth, including nut,  
for channel HZA 53/34 DYNAGRIP

① Teeth

Article name	PU [items]	Article no.
Thread x length [mm]		0352.
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HZS 53/34 M16 x 60 GV-S 8.8	25	080-00001
HZS 53/34 M16 x 100 GV-S 8.8	25	080-00002
HZS 53/34 M20 x 65 GV-S 8.8	25	080-00003
HZS 53/34 M20 x 100 GV-S 8.8	25	080-00004
Specification: A4-70 = stainless steel material grade A4-70		
HZS 53/34 M16 x 60 A4-70	25	080-00011
HZS 53/34 M16 x 100 A4-70	25	080-00012
HZS 53/34 M20 x 65 A4-70	25	080-00013
HZS 53/34 M20 x 100 A4-70	25	080-00014

**HZS 38/23**  
HALFEN T-bolt, with teeth, including nut,  
for channel HZA 38/23 DYNAGRIP

① Teeth

Article name	PU [items]	Article no.
Thread x length l [mm]		0352.
Specification: GV-S = electroplated special coating ★, grade class 8.8		
HZS 38/23 M12 x 30 GV-S 8.8	100	060-00001
HZS 38/23 M12 x 40 GV-S 8.8	50	060-00002
HZS 38/23 M12 x 50 GV-S 8.8	50	060-00003
HZS 38/23 M12 x 60 GV-S 8.8	50	060-00004
HZS 38/23 M12 x 80 GV-S 8.8	50	060-00005
HZS 38/23 M12 x 100 GV-S 8.8	50	060-00006
HZS 38/23 M12 x 125 GV-S 8.8	50	060-00007
HZS 38/23 M12 x 150 GV-S 8.8	50	060-00008
HZS 38/23 M16 x 30 GV-S 8.8	50	060-00011
HZS 38/23 M16 x 40 GV-S 8.8	50	060-00012
HZS 38/23 M16 x 50 GV-S 8.8	50	060-00013
HZS 38/23 M16 x 60 GV-S 8.8	25	060-00014
HZS 38/23 M16 x 80 GV-S 8.8	25	060-00015
HZS 38/23 M16 x 100 GV-S 8.8	25	060-00016
HZS 38/23 M16 x 125 GV-S 8.8	25	060-00017
HZS 38/23 M16 x 150 GV-S 8.8	25	060-00018
HZS 38/23 M16 x 200 GV-S 8.8	25	060-00019
HZS 38/23 M16 x 300 GV-S 8.8	25	060-00020
Specification: FV = hot-dip galvanized, grade class 8.8		
HZS 38/23 M16 x 60 FV 8.8	25	060-00023
Specification: A4-70 = stainless steel material grade A4-70		
HZS 38/23 M16 x 60 A4-70	25	060-00021
HZS 38/23 M16 x 80 A4-70	25	060-00022



# HALFEN BOLTS

**HZS 29/20**  
 HALFEN bolt, with teeth, including nut,  
 for channel 29/20 DYNAGRIP

① Teeth

Article name	PU [items]	Article no.
Thread x length l [mm]		0352.

Specification: GV-S = electroplated special coating ★, grade class 8.8

HZS 29/20	M12 x 30 GV-S 8.8	100	040-00001
HZS 29/20	M12 x 40 GV-S 8.8	50	040-00002
HZS 29/20	M12 x 50 GV-S 8.8	50	040-00003
HZS 29/20	M12 x 60 GV-S 8.8	50	040-00004
HZS 29/20	M12 x 80 GV-S 8.8	50	040-00005
HZS 29/20	M12 x 100 GV-S 8.8	50	040-00006
HZS 29/20	M12 x 125 GV-S 8.8	50	040-00007
HZS 29/20	M12 x 150 GV-S 8.8	50	040-00008
HZS 29/20	M12 x 200 GV-S 8.8	25	040-00009
HZS 29/20	M12 x 250 GV-S 8.8	25	040-00010
HZS 29/20	M12 x 300 GV-S 8.8	25	040-00011

**HZS 41/22**  
 HALFEN T-bolt, with teeth, including nut,  
 for channels HZA 41/22, HZM, HZL 41/22 and 41/41

① Teeth

Article name	PU [items]	Article no.
Thread x length l [mm]		0352.

Specification: FV = hot-dip galvanized, grade class 8.8

HZS 41/22	M12 x 35 FV 8.8	100	070-00001
HZS 41/22	M12 x 50 FV 8.8	100	070-00002
HZS 41/22	M16 x 50 FV 8.8	25	070-00003
HZS 41/22	M16 x 100 FV 8.8	25	070-00004

Specification: A4-50 = stainless steel material grade A4-50

HZS 41/22	M12 x 35 A4-50	25	070-00005
HZS 41/22	M12 x 50 A4-50	25	070-00006
HZS 41/22	M12 x 80 A4-50	25	070-00007
HZS 41/22	M16 x 35 A4-50	25	070-00008
HZS 41/22	M16 x 50 A4-50	25	070-00009

**HZS 41/41**  
 HALFEN bolt without nut,  
 for channels 41/22, 41/41, 41/62, 41/83

① Teeth

Article name	Article no.
Thread x length l [mm]	0323.

Specification: ZL = Zinc flake plated

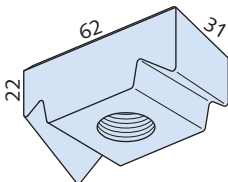
HZS 41/41	M6 x 30 ZL	010-00012
HZS 41/41	M8 x 30 ZL	010-00001
HZS 41/41	M8 x 50 ZL	010-00002
HZS 41/41	M10 x 30 ZL	010-00003
HZS 41/41	M10 x 50 ZL	010-00004
HZS 41/41	M12 x 30 ZL	010-00005
HZS 41/41	M12 x 50 ZL	010-00006
HZS 41/41	M12 x 75 ZL	010-00007
HZS 41/41	M12 x 100 ZL	010-00008
HZS 41/41	M16 x 63 ZL ① ②	010-00009
HZS 41/41	M16 x 102 ZL ③	010-00010

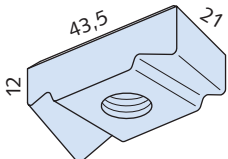
① Not for channel HZA and HZM 41/22  
 ② 30 mm width, fit from the channel end  
 ③ Without teeth

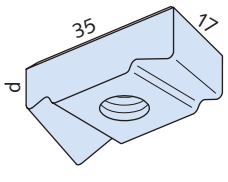


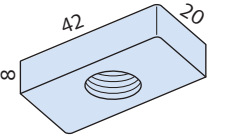


## CHANNEL NUTS

<b>GWP 72/48</b>			
HALFEN channel nut, for channels 72/48, 72/49			
			
Article name	PU [items]	Article no.	
Thread		0380.	
Specification: GV according to the table on page 2			
<b>GWP 72/48</b>	<b>M12 GV</b>	50	090-00001
<b>GWP 72/48</b>	<b>M16 GV</b>	50	090-00002
<b>GWP 72/48</b>	<b>M20 GV</b>	50	090-00003
Specification: A4 according to table, page 2			
<b>GWP 72/48</b>	<b>M12 A4</b>	50	090-00006
<b>GWP 72/48</b>	<b>M16 A4</b>	50	090-00007
<b>GWP 72/48</b>	<b>M20 A4</b>	50	090-00008

<b>GWP 50/30</b>			
HALFEN channel nut, for channels 52/34, 54/33, 50/30, 49/30, 50/40			
			
Article name	PU [items]	Article no.	
Thread		0380.	
Specification: GV according to the table on page 2			
<b>GWP 50/30</b>	<b>M8 GV</b>	100	070-00001
<b>GWP 50/30</b>	<b>M10 GV</b>	100	070-00002
<b>GWP 50/30</b>	<b>M12 GV</b>	100	070-00003
<b>GWP 50/30</b>	<b>M16 GV</b>	100	070-00004
Specification: FV according to table, page 2			
<b>GWP 50/30</b>	<b>M12 FV</b>	100	078-00001
<b>GWP 50/30</b>	<b>M16 FV</b>	100	078-00002
Specification: A4 according to table, page 2			
<b>GWP 50/30</b>	<b>M8 A4</b>	100	070-00007
<b>GWP 50/30</b>	<b>M10 A4</b>	100	070-00008
<b>GWP 50/30</b>	<b>M12 A4</b>	100	070-00009
<b>GWP 50/30</b>	<b>M16 A4</b>	100	070-00010

<b>GWP 40/22</b>				
HALFEN channel nut, for channels 40/22, 40/25				
				
Article name	d [mm]	PU [items]	Article no.	
Thread			0380.	
Specification: GV according to the table on page 2				
<b>GWP 40/22</b>	<b>M5 GV</b>	10	100	050-00001
<b>GWP 40/22</b>	<b>M6 GV</b>	10	100	050-00002
<b>GWP 40/22</b>	<b>M8 GV</b>	10	100	050-00003
<b>GWP 40/22</b>	<b>M10 GV</b>	10	100	050-00004
<b>GWP 40/22</b>	<b>M12 GV</b>	11,5	100	050-00005
Specification: A4 according to table, page 2				
<b>GWP 40/22</b>	<b>M8 A4</b>	10	100	050-00010
<b>GWP 40/22</b>	<b>M10 A4</b>	10	100	050-00011
<b>GWP 40/22</b>	<b>M12 A4</b>	11,5	100	050-00012

<b>GWP 50/40</b>			
HALFEN channel nut, for channels 50/40, 486			
			
Article name	PU [items]	Article no.	
Thread		0380.	
Specification: GV according to the table on page 2			
<b>GWP 50/40</b>	<b>M6 GV</b>	100	080-00001
<b>GWP 50/40</b>	<b>M8 GV</b>	100	080-00002
<b>GWP 50/40</b>	<b>M10 GV</b>	100	080-00003
<b>GWP 50/40</b>	<b>M12 GV</b>	100	080-00004
<b>GWP 50/40</b>	<b>M16 GV</b>	100	080-00005
Specification: A4 according to table, page 2			
<b>GWP 50/40</b>	<b>M8 A4</b>	100	080-00007
<b>GWP 50/40</b>	<b>M10 A4</b>	100	080-00008
<b>GWP 50/40</b>	<b>M12 A4</b>	100	080-00009
<b>GWP 50/40</b>	<b>M16 A4</b>	100	080-00010



## CHANNEL NUTS

**GWP 41/41**  
HALFEN channel nut,  
for channels 41/41 D, 41/62 D, 41/83 and channels \*) 41/22,  
41/22 D \*)Only M6 to M10, for M12 only type 41/41 F is  
suitable (flat shape)

Article name	d [mm]	b [mm]	Article no.
Thread			0322.

Specification: GV according to the table on page 2

GWP 41/41	M6 GV	6	20	010-00001
GWP 41/41	M8 GV	8	20	010-00003
GWP 41/41	M10 GV	9	20	010-00006
GWP 41/41	M12 GV	11	20	010-00009
GWP 41/41	F M12 GV	9	20	020-00002
GWP 41/41	M16 GV	12	30	010-00010

Specification: FV according to table, page 2

GWP 41/41	M8 FV	8	20	010-00012
GWP 41/41	M10 FV	9	20	010-00005
GWP 41/41	M12 FV	12	20	010-00008
GWP 41/41	F M12 FV	9	20	020-00001

Specification: A4 according to table, page 2

GWP 41/41	M6 A4	6	20	010-00002
GWP 41/41	M8 A4	8	20	010-00004
GWP 41/41	M10 A4	9	20	010-00007
GWP 41/41	F M12 A4	9	20	020-00003
GWP 41/41	M16 A4	12	30	010-00011

**GWP 41/41 SH**  
HALFEN channel nut with long spring,  
for channel 41/41 D

Article name	d [mm]	b [mm]	Article no.
Thread			0322.

Specification: GV according to the table on page 2

GWP 41/41 SH	M6 GV	6	20	030-00001
GWP 41/41 SH	M8 GV	8	20	030-00002
GWP 41/41 SH	M10 GV	9	20	030-00003
GWP 41/41 SH	M12 GV	11	20	030-00004

**GWP 41/41 SN**  
HALFEN channel nut with short spring,  
for channel 41/22 D  
Spring Ø: 15mm (shape A) or 21mm (shape B), delivery subject  
to confirmation

Article name	d [mm]	b [mm]	Article no.
Thread			0322.

Specification: GV according to the table on page 2

GWP 41/41 SN	M6 GV	6	20	040-00001
GWP 41/41 SN	M8 GV	8	20	040-00002
GWP 41/41 SN	M10 GV	9	20	040-00003
GWP 41/41 SN	M12 GV	9	20	040-00004

**GWP 41/22**  
HALFEN channel nut, with teeth,  
for channels 41/22, 41/41

Article name	PU [items]	Article no.
Thread		0380.

Specification: GV according to the table on page 2

GWP 41/22	M6 GV	100	060-00001
GWP 41/22	M8 GV	100	060-00002
GWP 41/22	M10 GV	100	060-00003
GWP 41/22	M12 GV	100	060-00004
GWP 41/22	M16 GV	100	060-00005

Specification: A4 according to table, page 2

GWP 41/22	M8 A4	100	060-00006
GWP 41/22	M10 A4	100	060-00007
GWP 41/22	M12 A4	100	060-00008
GWP 41/22	M16 A4	100	060-00009