



# FASTENERS

## Steel fasteners

### Hexagon socket screws

#### MC6S

#### Hexagon socket head cap screw

Din 912. (ISO 4762). \* Fully threaded.

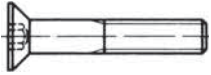


Dim mm	Weigt Kg/100	Art. no. 100		Art. no. 101		Art. no. 102	
		12.9 Uncoated		8.8 Uncoated		8.8 BZP Blanc Zink plated	
			Qty/Pack		Qty/Pack		Qty/Pack
M5x12*	0,31	10005012	500	10105012	500	10205012	500
M5x16*	0,36	10005016	500	10105016	500	10205016	500
M5x20*	0,42	10005020	500	10105020	500	10205020	500
M5x22*	0,45	10005022	500	-	500	10205022	500
M5x25*	0,49	10005025	500	10105025	500	10205025	500
M5x30	0,57	10005030	500	10105030	500	10205030	500
M5x40	0,71	10005040	500	-	500	10205040	500
M6x12*	0,48	10006012	500	10106012	500	10206012	500
M6x16*	0,55	10006016	500	10106016	500	10206016	500
M6x20*	0,63	10006020	500	10106020	500	10206020	500
M6x22*	0,66	10006022	500	10106022	500	10206022	500
M6x25*	0,73	10006025	500	10106025	500	10206025	500
M6x30*	0,84	10006030	500	10106030	500	10206030	500
M6x40	1,06	10006040	200	10106040	200	10206040	200
M6x50	1,28	10006050	200	10106050	200	10206050	200
M8x16*	1,15	10008016	200	10108016	200	10208016	200
M8x20*	1,28	10008020	200	10108020	200	10208020	200
M8x25*	1,44	10008025	200	10108025	200	10208025	200
M8x30*	1,64	10008030	200	10108030	200	10208030	200
M8x40	2,03	10008040	200	10108040	200	10208040	200
M8x50	2,43	10008050	200	10108050	200	10208050	200
M8x60	2,82	10008060	200	10108060	200	10208060	200
M10x16*	2,01	10010016	200	10110016	200	10210016	200
M10x20*	2,21	10010020	200	10110020	200	10210020	200
M10x25*	2,46	10010025	200	10110025	200	10210025	200
M10x30*	2,71	10010030	200	10110030	200	10210030	200
M10x35*	3,02	10010035	100	10110035	100	10210035	100
M10x40*	3,33	10010040	100	10110040	100	10210040	100
M10x45	3,64	10010045	100	10110045	100	10210045	100
M10x50	3,95	10010050	100	10110050	100	10210050	100
M10x60	4,56	10010060	100	10110060	100	10210060	100
M10x70	5,18	10010070	100	10110070	100	10210070	100
M12x25*	3,59	10012025	100	10112025	100	10212025	100
M12x30*	3,95	10012030	100	10112030	100	10212030	100
M12x35*	4,32	10012035	100	10112035	100	10212035	100
M12x40*	4,76	10012040	100	10112040	100	10212040	100
M12x45*	5,20	10012045	100	10112045	100	10212045	100
M12x50*	5,65	10012050	100	10112050	100	10212050	100

Dim mm	Weigt Kg/100	Art. no. 100	Art. no. 101	Art. no. 102
		12.9 Uncoated	8.8 Uncoated	8.8 BZP Blanc Zink plated
		Qty/Pack	Qty/Pack	Qty/Pack
M12x55	6,09	10012055	100	100
M12x60	6,54	10012060	100	100
M12x65	6,98	10012065	50	50
M12x70	7,42	10012070	50	50
M16x40*	9,49	10016040	50	50
M16x45*	10,20	10016045	50	50
M16x50*	10,90	10016050	50	50
M16x60*	12,50	10016060	50	50
M16x70	14,10	10016070	25	25
M20x50*	18,80	10020050	25	25
M20x60*	21,10	10020060	25	25
M20x70*	23,50	10020070	25	25
M20x80	26,00	10020080	25	25

Please refer to a separate product catalogue for more dimensions and more detailed information.

## MF6S



## Hexagon socket countersunk head screw

Din 7991. \* Fully threaded.

Dim mm	Weigt Kg/100	Art. no. 104	Art. no. 452	Art. no. 204			
		10.9 Uncoated	10.9 BZP Blanc Zink plated	8.8 BZP Blanc Zink plated			
		Qty/Pack	Qty/Pack	Qty/Pack			
M5x12*	0,19	10405012	500	45205012	200	20405012	500
M5x12*	0,19	10405912	200	-	-	20405912	200
M5x16*	0,24	10405016	500	45205016	200	20405016	500
M5x16*	0,24	10405916	200	-	-	20405916	200
M5x20*	0,29	10405020	500	45205020	200	20405020	500
M5x20*	0,29	10405920	200	-	-	20405920	200
M5x25*	0,37	10405025	500	45205025	200	20405025	500
M5x25*	0,37	10405925	200	-	-	20405925	200
M5x30*	0,43	10405030	500	45205030	200	20405030	500
M6x16*	0,36	10406016	500	45206016	200	20406016	500
M6x16*	0,36	10406916	200	-	-	20406916	200
M6x20*	0,43	10406020	500	45206020	200	20406020	500
M6x25*	0,53	10406025	500	45206025	200	20406025	500
M6x30*	0,62	10406030	500	45206030	200	20406030	500
M6x35*	0,71	10406035	200	45206035	200	20406035	200
M6x40	0,88	10406040	200	45206040	200	20406040	200
M8x16*	0,69	10408016	200	45208016	100	20408016	200
M8x20*	0,81	10408020	200	45208020	100	20408020	200
M8x25*	0,97	10408025	200	45208025	100	20408025	200
M8x30*	1,20	10408030	200	45208030	100	20408030	200
M8x40*	1,50	10408040	200	45208040	100	20408040	200
M8x50	1,99	10408050	200	45208050	100	20408050	200
M10x20*	1,40	10410020	200	45210020	100	20410020	200
M10x25*	1,60	10410025	200	45210025	100	20410025	200
M10x30*	1,90	10410030	200	45210030	100	20410030	200
M10x35*	2,20	10410035	100	45210035	100	20410035	100
M10x40*	2,50	10410040	100	45210040	100	20410040	100
M10x50	3,00	10410050	100	45210050	100	20410050	100
M10x60	3,60	10410060	100	45210060	100	20410060	100
M12x25*	2,50	10412025	100	45212025	100	20412025	100
M12x30*	2,90	10412030	100	45212030	100	20412030	100
M12x35*	3,20	10412035	100	45212035	100	20412035	100
M12x40*	3,60	10412040	100	45212040	100	20412040	100
M12x50*	4,30	10412050	100	45212050	100	20412050	100
M12x60	5,40	10412060	100	45212060	100	20412060	100
M12x70	6,30	10412070	50	45212070	50	20412070	50

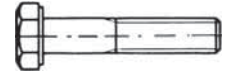
Please refer to a separate product catalogue for more dimensions and more detailed information.

## Hexagon head screws and bolts

## M6S

## Hexagon head bolt

Din 931.



Dim mm	Weigt Kg/100	Qty/Pack	Art. no. 010		Art. no. 011		Art. no. 631
			8.8 Uncoated	8.8 BZP	Blanc	Zink plated	8.8 HDG
M10x40	3,44	100	01010040		01110040		63110040
M10x45	3,74	100	01010045		01110045		63110045
M10x50	4,05	100	01010050		01110050		63110050
M10x55	4,36	100	01010055		01110055		63110055
M10x60	4,66	100	01010060		01110060		63110060
M10x65	4,97	100	01010065		01110065		63110065
M10x70	5,28	100	01010070		01110070		63110070
M10x75	5,59	100	01010075		01110075		63110075
M10x80	5,90	100	01010080		01110080		63110080
M10x90	6,51	100	01010090		01110090		63110090
M10x100	7,13	100	01010100		01110100		63110100
M10x110	7,74	50	01010110		01110110		63110110
M10x120	8,36	50	01010120		01110120		63110120
M10x130	8,90	50	01010130		01110130		63110130
M10x140	9,52	50	01010140		01110140		63110140
M12x45	5,32	100	01012045		01112045		63112045
M12x50	5,77	100	01012050		01112050		63112050
M12x55	6,20	100	01012055		01112055		63112055
M12x60	6,65	100	01012060		01112060		63112060
M12x65	7,09	50	01012065		01112065		63112065
M12x70	7,54	50	01012070		01112070		63112070
M12x75	7,98	50	01012075		01112075		63112075
M12x80	8,42	50	01012080		01112080		63112080
M12x90	9,30	50	01012090		01112090		63112090
M12x100	10,20	50	01012100		01112100		63112100
M12x110	11,10	50	01012110		01112110		63112110
M12x120	12,00	50	01012120		01112120		63112120
M12x130	12,70	50	01012130		01112130		63112130
M12x140	13,60	50	01012140		01112140		63112140
M12x150	14,50	50	01012150		01112150		63112150

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Hexagon head screw

Din 933. Fully threaded.



Dim mm	Weigt Kg/100	Qty/Pack	Art. no. 013		Art. no. 014		Art. no. 643
			8.8 Uncoated	8.8 BZP	Blanc	Zink plated	8.8 HDG
M10x16	2,09	200	01310016		01410016		64310016
M10x20	2,25	200	01310020		01410020		64310020
M10x25	2,48	200	01310025		01410025		64310025
M10x30	2,70	200	01310030		01410030		64310030
M10x35	3,03	100	01310035		01410035		64310035
M10x40	3,28	100	01310040		01410040		64310040
M10x45	3,53	100	01310045		01410045		64310045
M10x50	3,78	100	01310050		01410050		64310050
M10x55	4,03	100	01310055		01410055		64310055
M10x60	4,28	100	01310060		01410060		64310060
M10x65	4,53	100	01310065		01410065		64310065
M10x70	4,78	100	01310070		01410070		64310070
M12x20	3,28	100	01312020		01412020		64312020
M12x25	3,60	100	01312025		01412025		64312025
M12x30	3,95	100	01312030		01412030		64312030
M12x35	4,30	100	01312035		01412035		64312035
M12x40	4,73	100	01312040		01412040		64312040
M12x45	5,09	100	01312045		01412045		64312045
M12x50	5,46	100	01312050		01412050		64312050
M12x55	5,81	100	01312055		01412055		64312055
M12x60	6,18	100	01312060		01412060		64312060
M12x65	6,54	50	01312065		01412065		64312065
M12x70	6,91	50	01312070		01412070		64312070
M12x80	7,63	50	01312080		01412080		64312080

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Threaded rods

## HGS



## Threaded rod

Din 975.

Dim mm	Length m	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.	Art. no.
				420	196	241
				8.8 Uncoated	8.8 BZP Blanc Zink plated	8.8 HDG Hot dip galv.
M6	1	17,70	1	42006000	19606000	24106000
M8	1	31,90	1	42008000	19608000	24108000
M10	1	50,00	1	42010000	19610000	24110000
M12	1	72,50	1	42012000	19612000	24112000
M16	1	133,00	1	42016000	19616000	24116000
M20	1	208,00	1	42020000	19620000	24120000
M24	1	300,00	1	42024000	19624000	24124000

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Nuts

## M6M



## Hexagon full nut

Din 934.

Dim mm	Weigt Kg/100	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
		109	115	116	106	
		8 uncoated	8.8 BZP Blanc Zink plated	8.8 HDG Hot dip galv.	10 uncoated	
		DIN 934	DIN 934	DIN 934		
Qty Pack	Qty Pack	Qty Pack	Qty Pack	Qty Pack	Qty Pack	Qty Pack
M3	0,04	-	11503000	1000	-	-
M3.5	0,05	-	11503500	200	-	-
M3	0,04	-	11503900	200	-	-
M4	0,08	10904000	11504000	1000	-	-
M4	0,08	10904900	11504900	200	-	-
M5	0,12	10905000	11505000	500	-	10605000
M5	0,12	10905900	11505900	200	-	-
M6	0,25	10906000	11506000	500	11606000	10606000
M6	0,25	10906900	11506900	200	-	-
M8	0,52	10908000	11508000	500	11608000	10608000
M8	0,52	10908900	11508900	200	-	-
M10	1,16	10910000	11510000	200	11610000	10610000
M10	1,16	10910900	11510900	100	-	-
M12	1,73	10912000	11512000	200	11612000	10612000
M12	1,73	10912900	11512900	100	-	-
M16	3,33	10916000	11516000	100	11616000	10616000
M20	6,44	10920000	11520000	100	11620000	10620000
M24	11,00	10924000	11524000	50	11624000	10624000
M27	16,50	10927000	11527000	25	-	10627000
M30	22,30	10930000	11530000	1	-	10630000

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Self-locking hexagon nut



## Self-locking hexagon nut

Din 985. Nylon. Low profile.

Dim mm	Weigt Kg/100	Art. no.	Art. no.
		179	679 Big pack
		6/8 BZP Blanc Zink plated	6/8 BZP Blanc Zink plated
Qty/Pack	Qty/Pack	Qty/Pack	Qty/Pack
M3	0,05	17903000	-
M4	0,10	17904000	-
M5	0,14	17905000	67905000
M6	0,24	17906000	67906000
M8	0,51	17908000	67908000
M10	1,06	17910000	67910000
M12	1,72	17912000	67912000
M14	2,60	17914000	-
M16	3,40	17916000	67916000
M20	6,50	17920000	-
M22	7,50	17922000	-
M24	10,00	17924000	-

Please refer to a separate product catalogue for more dimensions and more detailed information.

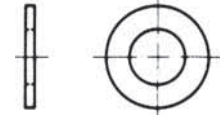
## Washers

### RB

#### Medium washer

Din 125 A.

Dim mm	Weigt Kg/100	Art. no.	811	Art. no.	807
		140 HV BZP Blanc Zink plated	Qty/Pack	140 HDG Hot dip galv.	Qty/Pack
3,2x7x0,5	0,01	81103000	1000	-	-
3,2x6x0,5	0,01	81103006	1000	-	-
4,3x9x0,8	0,03	81104000	1000	-	-
5,3x10x1	0,04	81105000	1000	-	-
5,3x10x1	0,04	81105900	200	-	-
6,4x12x1,6	0,10	81106000	1000	80706000	100
6,4x12x1,6	0,10	81106900	200	-	-
8,4x16x1,6	0,18	81108000	1000	80708000	100
8,4x16x1,6	0,18	81108900	200	-	-
10,5x20x2	0,36	81110000	1000	80710000	100
10,5x20x2	0,36	81110900	100	-	-
13x24x2,5	0,63	81112000	100	80712000	100
17x30x3	1,13	81116000	100	80716000	100
21x37x3	1,72	81121000	100	80720000	100
25x44x4	3,23	-	-	80724000	100
31x56x4	5,36	-	-	80730000	50



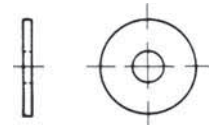
Please refer to a separate product catalogue for more dimensions and more detailed information.

### RBS

#### Washer with outside diameter = 3 x bolt diameter

Din 9021. (ISO 7093).

Dim mm	Weigt Kg/100	Qty/Pack	Art. no.
			826 BZP Blanc Zink plated
3,2x9x0,8	0,03	200	82603000
4,3x12x1	0,08	200	82604000
5,3x15x1,2	0,15	200	82605000
6,4x18x1,6	0,28	200	82606000
8,4x24x2	0,62	200	82608000
10,5x30x2,5	1,22	200	82610000
13x37x3	2,22	100	82612000
17x50x3	4,09	100	82616000



Please refer to a separate product catalogue for more dimensions and more detailed information.

## Stainless steel fasteners

### Hexagon socket screws

#### MC6S

#### Hexagon socket head cap screw Stainless A2 and A4

Din 912. (ISO 4762). \* Fully threaded.

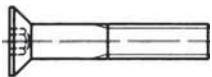
Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			103 A4	107 A2
M5x12*	0,33	500	10305012	10705012
M5x16*	0,39	500	10305016	10705016
M5x20*	0,45	500	10305020	10705020
M5x22*	0,45	500	10305022	-
M5x25*	0,55	500	10305025	10705025
M5x30	0,62	500	10305030	10705030
M5x40	0,71	500	10305040	10705040
M6x12*	0,52	500	10306012	10706012
M6x16*	0,59	500	10306016	10706016
M6x20*	0,66	500	10306020	10706020
M6x22*	0,66	500	10306022	-
M6x25*	0,77	500	10306025	10706025
M6x30*	0,88	500	10306030	10706030



Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			103 A4	107 A2
M6x40	1,10	500	10306040	10706040
M6x50	1,30	500	10306050	10706050
M8x16*	1,20	200	10308016	10708016
M8x20*	1,30	200	10308020	10708020
M8x25*	1,50	200	10308025	10708025
M8x30*	1,70	200	10308030	10708030
M8x40	2,10	200	10308040	10708040
M8x50	2,50	200	10308050	10708050
M8x60	2,90	200	10308060	10708060
M10x16*	2,10	100	10310016	10710016
M10x20*	2,30	100	10310020	10710020
M10x25*	2,60	100	10310025	10710025
M10x30*	2,90	100	10310030	10710030
M10x35*	3,02	100	10310035	10710035
M10x40*	3,50	100	10310040	10710040
M10x45	3,64	100	10310045	10710045
M10x50	4,10	100	10310050	10710050
M10x60	4,70	100	10310060	10710060
M10x70	5,18	100	10310070	10710070
M12x25*	3,70	100	10312025	10712025
M12x30*	4,00	100	10312030	10712030
M12x35*	4,32	100	10312035	10712035
M12x40*	4,90	100	10312040	10712040
M12x45*	5,20	100	10312045	10712045
M12x50*	5,80	100	10312050	10712050
M12x55	6,09	100	10312055	10712055
M12x60	6,70	100	10312060	10712060
M12x65	6,98	100	10312065	-
M12x70	7,42	100	10312070	10712070
M16x40*	9,80	25	10316040	10716040
M16x45*	10,20	25	10316045	10716045
M16x50*	11,00	25	10316050	10716050
M16x60*	13,00	25	10316060	10716060
M16x70	15,00	25	10316070	10716070
M20x50	20,00	25	10320050	10720050
M20x60	22,00	25	10320060	10720060
M20x70	25,00	25	10320070	10720070
M20x80*	27,00	25	10320080	10720080

Please refer to a separate product catalogue for more dimensions and more detailed information.

## MF6S



### Hexagon socket countersunk head screw Stainless A2 and A4

Din 7991. \* Fully threaded.

Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			144 A4	244 A2
M5x12*	0,19	500	14405012	24405012
M5x12*	0,19	200	14405912	-
M5x16*	0,24	500	14405016	24405016
M5x16*	0,24	200	14405916	-
M5x20*	0,29	500	14405020	24405020
M5x20*	0,29	200	14405920	-
M5x25*	0,37	500	14405025	24405025
M5x25*	0,37	200	14405925	-
M5x30*	0,43	200	14405030	24405030
M6x16*	0,36	500	14406016	24406016
M6x16*	0,36	200	14406916	-
M6x20*	0,43	200	14406020	24406020
M6x25*	0,53	200	14406025	24406025
M6x30*	0,62	200	14406030	24406030
M6x35*	0,71	200	14406035	24406035
M6x40	0,80	200	14406040	24406040
M8x16*	0,69	200	14408016	24408016
M8x20*	0,81	200	14408020	24408020
M8x25*	0,97	100	14408025	24408025
M8x30*	1,20	100	14408030	24408030
M8x40*	1,33	100	14408040	24408040

Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			144 A4	244 A2
M8x50	1,48	100	14408050	24408050
M10x20*	1,40	100	14410020	24410020
M10x25*	1,60	100	14410025	24410025
M10x30*	1,90	100	14410030	24410030
M10x35*	2,16	100	14410035	24410035
M10x40*	2,50	100	14410040	24410040
M10x50	3,01	100	14410050	24410050
M10x60	3,60	50	14410060	24410060
M12x25*	2,48	50	14412025	24412025
M12x30*	2,85	50	14412030	24412030
M12x35*	3,21	50	14412035	24412035
M12x40*	3,57	50	14412040	24412040
M12x50*	4,30	50	14412050	24412050
M12x60	5,40	50	14412060	24412060
M12x70	6,30	50	14412070	24412070

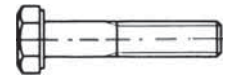
Please refer to a separate product catalogue for more dimensions and more detailed information.

## Hexagon head screws and bolts

### M6S

#### Hexagon head bolt Stainless A2 and A4

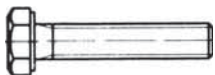
Din 931.



Dim mm	Weigt Kg/100	Art. no.	423	Art. no.	123
		A4-70	Qty/Pack	A4-80	Qty/Pack
M5x30	0,57	42305030	100	12305030	100
M5x35	0,64	42305035	100	12305035	100
M5x40	0,72	42305040	100	12305040	100
M5x45	0,80	42305045	100	12305045	100
M5x50	0,87	42305050	100	12305050	100
M5x60	1,02	42305060	100	12305060	100
M6x30	0,86	42306030	200	12306030	200
M6x35	0,97	42306035	100	12306035	100
M6x40	1,10	42306040	100	12306040	100
M6x45	1,20	42306045	100	12306045	100
M6x50	1,30	42306050	100	12306050	100
M6x55	1,40	42306055	100	12306055	100
M6x60	1,50	42306060	100	12306060	100
M6x65	1,60	42306065	100	12306065	100
M6x70	1,71	42306070	100	12306070	100
M6x75	1,82	42306075	100	12306075	100
M6x80	1,83	42306080	100	12306080	100
M8x35	1,80	42308035	100	12308035	100
M8x40	2,00	42308040	100	12308040	100
M8x45	2,20	42308045	100	12308045	100
M8x50	2,40	42308050	100	12308050	100
M8x55	2,60	42308055	100	12308055	100
M8x60	2,80	42308060	100	12308060	100
M8x65	3,00	42308065	100	12308065	100
M8x70	3,20	42308070	100	12308070	100
M8x75	3,40	42308075	100	12308075	100
M8x80	3,60	42308080	100	12308080	100
M8x90	4,00	42308090	100	12308090	100
M8x100	4,40	42308100	100	12308100	100
M8x110	4,74	42308110	50	12308110	50
M8x120	5,13	42308120	50	12308120	50
M10x40	3,50	42310040	100	12310040	100
M10x45	3,90	42310045	100	12310045	100
M10x50	4,20	42310050	100	12310050	100
M10x55	4,50	42310055	100	12310055	50
M10x60	4,80	42310060	100	12310060	50
M10x65	5,10	42310065	100	12310065	50
M10x70	5,40	42310070	100	12310070	50
M10x75	5,70	42310075	50	12310075	50
M10x80	6,00	42310080	50	12310080	50
M10x90	6,60	42310090	50	12310090	50
M10x100	7,20	42310100	50	12310100	50

Dim mm	Weigt Kg/100	Art. no.	423	Art. no.	123
		A4-70	Qty/Pack	A4-80	Qty/Pack
M10x110	7,80	42310110	50	12310110	50
M10x120	8,40	42310120	50	12310120	50
M10x130	9,00	42310130	50	12310130	50
M10x140	9,60	42310140	50	12310140	50
M12x45	5,50	42312045	50	12312045	50
M12x50	5,90	42312050	50	12312050	50
M12x55	6,40	42312055	50	12312055	50
M12x60	6,80	42312060	50	12312060	50
M12x65	7,30	42312065	50	12312065	50
M12x70	7,70	42312070	50	12312070	50
M12x75	8,10	42312075	50	12312075	50
M12x80	8,60	42312080	50	12312080	50
M12x90	9,50	42312090	50	12312090	50
M12x100	10,00	42312100	50	12312100	50
M12x110	11,00	42312110	50	12312110	50
M12x120	12,00	42312120	25	12312120	25
M12x130	13,00	42312130	25	12312130	25
M12x140	14,00	42312140	25	12312140	25
M12x150	14,50	42312150	25	12312150	25
M16x55	12,00	42316055	50	12316055	50
M16x60	12,50	42316060	50	12316060	50
M16x65	13,00	42316065	50	12316065	50
M16x70	14,00	42316070	25	12316070	25
M16x75	15,00	42316075	25	12316075	25
M16x80	16,00	42316080	25	12316080	25
M16x90	17,00	42316090	25	12316090	25
M16x100	18,00	42316100	25	12316100	25
M16x110	19,50	42316110	25	12316110	25
M16x120	21,00	42316120	25	12316120	25
M16x130	23,10	42316130	25	12316130	25
M16x140	27,70	42316140	25	12316140	25
M16x150	26,20	42316150	25	12316150	25
M16x160	27,40	42316160	25	12316160	25
M20x65	22,00	42320065	25	12320065	25
M20x70	23,00	42320070	25	12320070	25
M20x75	24,50	42320075	25	12320075	25
M20x80	26,00	42320080	25	12320080	25
M20x90	28,00	42320090	25	12320090	25
M20x100	31,00	42320100	25	12320100	25
M20x110	33,00	42320110	25	12320110	25
M20x120	36,00	42320120	25	12320120	25
M20x130	38,00	42320130	25	12320130	25
M20x140	40,00	42320140	25	12320140	25
M20x150	42,50	42320150	25	12320150	25
M20x160	45,00	42320160	25	12320160	25
M20x180	49,90	42320180	10	12320180	1
M24x80	39,00	42324080	10	12324080	10
M24x90	42,00	42324090	10	12324090	10
M24x100	46,00	42324100	10	12324100	10
M24x110	48,50	42324110	10	12324110	10
M24x120	53,00	42324120	10	12324120	10
M24x140	58,80	42324140	10	12324140	10
M24x150	62,30	42324150	1	12324150	1
M24x160	65,90	42324160	1	12324160	1
M24x180	73,00	42324180	1	12324180	1
M24x200	80,00	42324200	1	12324200	1

Please refer to a separate product catalogue for more dimensions and more detailed information.



### Hexagon head screw Stainless A2 and A4

Din 933. Fully threaded.

Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			421 A4-70	121 A4-80
M5x10	0,28	200	-	12105910
M5x12	0,30	500	42105012	12105012
M5x12	0,30	200	-	12105912
M5x16	0,35	500	42105016	12105016
M5x16	0,35	200	-	12105916
M5x20	0,40	500	42105020	12105020



Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			421 A4-70	121 A4-80
M5x20	0,40	200	-	12105920
M5x22	0,43	500	42105022	12105022
M5x22	0,43	200	-	12105922
M5x25	0,49	200	42105025	12105025
M5x30	0,53	200	42105030	12105030
M5x35	0,60	200	42105035	12105035
M5x40	0,66	200	42105040	12105040
M6x10	0,45	500	42106010	12106010
M6x10	0,45	200	-	12106910
M6x12	0,48	500	42306075	12106012
M6x12	0,48	200	-	12106912
M6x16	0,56	200	42106016	12106016
M6x20	0,63	200	42106020	12106020
M6x25	0,75	200	42106025	12106025
M6x30	0,80	200	42106030	12106030
M6x35	0,89	200	42106035	12106035
M6x40	0,99	200	42106040	12106040
M6x45	1,08	100	42106045	12106045
M6x50	1,18	100	42106050	12106050
M8x10	0,90	200	42108010	12108010
M8x12	1,00	200	42108012	12108012
M8x16	1,10	200	42108016	12108016
M8x20	1,30	200	42108020	12108020
M8x25	1,40	200	42108025	12108025
M8x30	1,60	200	42108030	12108030
M8x35	1,75	200	42108035	12108035
M8x40	1,92	100	42108040	12108040
M8x45	2,09	100	42108045	12108045
M8x50	2,26	100	42108050	12108050
M8x55	2,42	100	42108055	12108055
M8x60	2,48	100	42108060	12108060
M10x16	2,20	100	42110016	12110016
M10x20	2,40	100	42110020	12110020
M10x25	2,60	100	42110025	12110025
M10x30	2,90	100	42110030	12110030
M10x35	3,20	100	42110035	12110035
M10x40	3,40	100	42110040	12110040
M10x45	3,67	100	42110045	12110045
M10x50	3,93	100	42110050	12110050
M10x55	4,19	50	42110055	12110055
M10x60	4,45	50	42110060	12110060
M10x65	4,71	50	42110065	12110065
M10x70	4,97	50	42110070	12110070
M12x20	3,40	100	42112020	12112020
M12x25	3,80	100	42112025	12112025
M12x30	4,10	100	42112030	12112030
M12x35	4,50	100	42112035	12112035
M12x40	5,00	100	42112040	12112040
M12x45	5,29	50	42112045	12112045
M12x50	5,68	50	42112050	12112050
M12x55	6,05	50	42112055	12112055
M12x60	6,42	50	42112060	12112060
M12x65	7,20	50	42112065	12112065
M12x70	7,20	50	42112070	12112070
M12x80	8,00	50	42112080	12112080
M16x25	7,20	50	42116025	12116025
M16x30	7,90	50	42116030	12116030
M16x35	8,60	50	42116035	12116035
M16x40	9,20	50	42116040	12116040
M16x45	9,90	50	42116045	12116045
M16x50	11,00	50	42116050	12116050
M16x55	11,50	25	42116055	12116055
M16x60	12,00	25	42116060	12116060
M16x65	12,70	25	42116065	12116065
M16x70	13,50	25	42116070	12116070
M16x80	14,90	25	42116080	12116080
M16x90	15,60	25	42116090	12116090
M16x100	16,90	25	42116100	12116100
M20x40	16,00	25	42120040	12120040

Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			421 A4-70	121 A4-80
M20x45	17,00	25	42120045	12120045
M20x50	18,00	25	42120050	12120050
M20x55	19,00	25	42120055	12120055
M20x60	21,00	25	42120060	12120060
M20x65	21,00	25	-	12120065
M20x70	22,80	25	42120070	12120070
M20x80	24,00	25	42120080	12120080
M20x90	25,00	25	42120090	12120090
M20x100	26,00	25	42120100	12120100
M24x50	28,00	20	42124050	12124050
M24x55	28,90	10	42124055	12124055
M24x60	31,00	10	42124060	12124060
M24x65	32,00	10	42124065	12124065
M24x70	35,00	10	42124070	12124070
M24x80	36,50	10	42124080	12124080
M24x90	39,50	10	42124090	12124090
M24x100	42,50	10	42124100	12124100

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Threaded rods

### HGS



#### Threaded rod Stainless A2 and A4

Din 975.

Dim mm	Length m	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
				132 A4	232 A2
M4	1	7,80	1	13204000	23204000
M5	1	12,40	1	13205000	23205000
M6	1	17,70	1	13206000	23206000
M8	1	31,90	1	13208000	23208000
M10	1	50,00	1	13210000	23210000
M12	1	72,50	1	13212000	23212000
M16	1	133,00	1	13216000	23216000
M20	1	209,00	1	13220000	23220000
M24	1	298,00	1	13224000	23224000

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Nuts

### M6M



#### Hexagon full nut Stainless A2 and A4

Din 934.

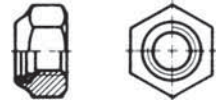
Dim mm	Weigt Kg/100	Qty/Pack	Art. no.	Art. no.
			122 A4	126 A2
M3	0,04	1000	12203000	12603000
M3.5	0,05	100	-	12603500
M3	0,04	200	12203900	12603900
M4	0,08	1000	12204000	12604000
M4	0,08	200	12204900	12604900
M5	0,12	1000	12205000	12605000
M5	0,12	200	12205900	12605900
M6	0,23	1000	12206000	12606000
M6	0,23	100	12206900	12606900
M8	0,52	500	12208000	12608000
M8	0,52	100	12208900	12608900
M10	1,10	500	12210000	12610000
M10	1,10	50	12210900	12610900
M12	1,70	200	12212000	12612000
M12	1,70	50	12212900	12612900
M16	3,10	50	12216000	12616000
M20	6,40	25	12220000	12620000
M24	11,00	10	12224000	12624000
M27	16,50	10	12227000	12627000
M30	22,00	1	12230000	12630000

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Self-locking hexagon nut

### Self-locking hexagon nut Stainless A2 and A4

Din 985. Nylon. Low profile.



Dim mm	Weigt Kg/100	Qty/Pack	Art. no. 180 A4	Art. no. 199 A2
M3	0,05	200	18003000	19903000
M4	0,10	200	18004000	19904000
M5	0,14	200	18005000	19905000
M6	0,24	100	18006000	19906000
M8	0,51	100	18008000	19908000
M10	1,06	50	18010000	19910000
M12	1,72	50	18012000	19912000
M14	2,60	50	18014000	19914000
M16	3,40	50	18016000	19916000
M20	6,50	25	18020000	19920000
M22	7,50	25	18022000	-
M24	10,00	10	18024000	19924000

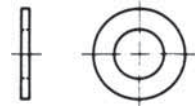
Please refer to a separate product catalogue for more dimensions and more detailed information.

## Washers

### RB

#### Medium washer Stainless A2 and A4

Din 125 A.



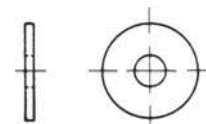
Dim mm	Weigt Kg/100	Qty/Pack	Art. no. 817 A4	Art. no. 818 A2
3,2x7x0,5	0,01	1000	81703000	81803000
3,2x6x0,5	0,01	200	81703006	-
3,2x7x0,5	0,01	200	81703900	81803900
4,3x9x0,8	0,03	1000	81704000	81804000
4,3x8x0,8	0,02	200	81704008	-
4,3x9x0,8	0,03	200	81704900	81804900
4,8x10x0,8	0,04	200	81704500	-
5,3x10x1	0,04	1000	81705000	81805000
5,3x10x1	0,04	200	81705900	81805900
6,4x12x1,6	0,08	1000	81706000	81806000
6,4x12x1,6	0,08	200	81706900	81806900
6,7x14x1,5	0,14	200	81706500	-
8,4x16x1,6	0,18	1000	81708000	81808000
8,4x16x1,6	0,18	100	81708900	81808900
10x18x2	0,28	100	81709000	-
10,5x20x2	0,44	1000	81710000	81810000
10,5x20x2	0,36	100	81710900	81810900
10,5x22x2	0,39	200	81710022	-
13x24x2,5	0,47	500	81712000	81812000
13x24x2,5	0,63	100	81712900	81812900
13,5x24x2	0,63	100	81713000	-
17x30x3	1,10	100	81716000	81816000
21x37x3	1,50	100	81720000	81820000
25x44x4	3,20	50	81724000	81824000
31x56x4	5,36	50	81730000	81830000

Please refer to a separate product catalogue for more dimensions and more detailed information.

### RBS

#### Washer with outside diameter = 3 x bolt diameter Stainless A2 and A4

Din 9021. (ISO 7093).



Dim mm	Weigt Kg/100	Qty/Pack	Art. no. 825 A4	Art. no. 835 A2
3,2x9x0,8	0,03	1000	82503000	83503000
3,2x9x0,8	0,03	200	82503900	83503900
4,3x12x1	0,08	1000	82504000	83504000
4,3x12x1	0,08	200	82504900	83504900
5,3x15x1,2	0,15	1000	82505000	83505000
5,3x15x1,2	0,15	200	82505900	83505900

Dim mm	Weigt Kg/100	Qty/Pack	Art. no. 825 A4	Art. no. 835 A2
6,4x18x1,6	0,28	1000	82506000	83506000
6,4x18x1,6	0,28	200	82506900	83506900
8,4x24x2	0,62	1000	82508000	83508000
8,4x24x2	0,62	100	82508900	83508900
10,5x30x2,5	1,22	500	82510000	83510000
10,5x30x2,5	1,22	100	82510900	83510900
13x37x3	2,22	200	82512000	83512000
13x37x3	2,22	100	82512900	83512900
17x50x3	4,00	100	82516000	83516000

Please refer to a separate product catalogue for more dimensions and more detailed information.

## Summary illustration of bolts, screws, nuts, nails etc.

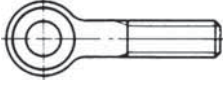
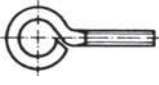
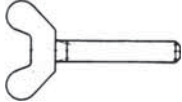










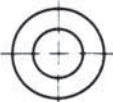
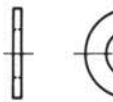
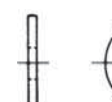

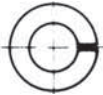




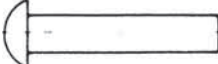
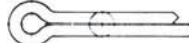

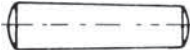






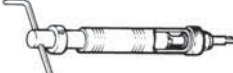




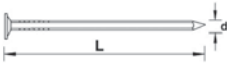
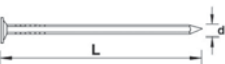
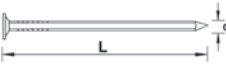
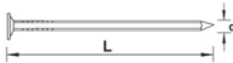


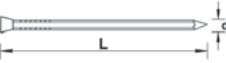


Fastenings made of steel, stainless steel, brass, copper, aluminium, polyamid, etc.

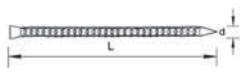
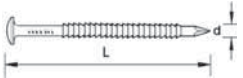
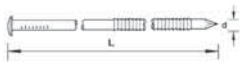
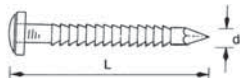

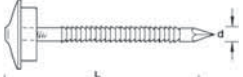


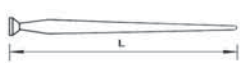

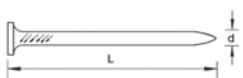
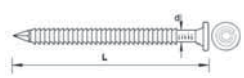

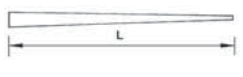

Please refer to a separate product catalogue for more dimensions and more detailed information.

Hexagon socket head cap screw	Hexagon socket shallow head cap screw	Hexagon socket bottom head screw	Hexagon socket countersunk head screw
Hexagon socket set screw	Hexagon head bolt	Hexagon head screw	Stud
Mushroom head square neck bolt	Slotted tapping screw	Pozi(Z) cross recessed tapping screw	Hexalobular socket tapping screw
Hexagon head tapping screw	Pozi(Z) cross recessed thread forming screw	Slotted screw	Pozi(Z) cross recessed screw
Hexalobular socket screw	SecuFast screw with security pin	SecuFast tapping screw with security pin	SecuFast one way slotted screw
SPAX-S wavy thread wood screw	Slotted wood screw	Hexagon head wood screw	Hexagon head tapping screw with EPDM bonded washer
Hexagon head tapping screw with EPDM bonded washer	Threaded rod 1 metre	Threaded rod 2 metre	Hammerset anchor
Undercutting anchor	Fully threaded stud	Lifting eye bolt	Lifting eye nut

Please refer to a separate product catalogue for more dimensions and more detailed information.

			
Eye bolt	Screw eye	Wing screw	Hexagon full nut
			
Self-locking hexagon nut	Hexagon prevailing torque nut	Hexagon thin nut	Hexagon weld nut
			
Weld nut with flange	Hexagon dome nut	Wing nut	Bar connector
			
Medium washer	Washer for cheese head screw	Washer with outside diameter = 3 x bolt diam.	Square washer
			
Spring washer	Spring washer	Spring washer	Washer with tap
			
Serrated lock washer	Retaining ring	Rivet	Split pin
			
Spring cotter	Taper pin	Parallel pin	Spring pin
			
Hose clamp AWAB	Multi-hose clamp and lock housing	Filtec thread insert	Lockfil thread insert
			
Filtec installation tool	Filtec spindle and nozzle	Filtec nozzle for automatic tool	Filtec thread insert for spark plug
			
Filtec shaft breaker	Timber nail Gunnebo bright box	Timber nail Gunnebo bright bulk	Grooved nail Gunnebo electro-galvanized
			
Timber nail Gunnebo hot-dip galvanized	Grooved nail Gunnebo lacquered	Grooved nail Gunnebo stainless/Acid-proof	Grooved nail Gunnebo electro-galvanized

Please refer to a separate product catalogue for more dimensions and more detailed information.

			
Jagged nail Gunnebo electro-galvanized	Ring shank nail Gunnebo electro-galvanized	Ring shank nail Gunnebo stainless steel	Ring shank nail Gunnebo lacquered with sealing washer
			
Ring shank nail Gunnebo lacquered with sealing washer	Non-leak roofing nail ring shank Gunnebo hot-dip galvanized	Clout nail Gunnebo hot-dip galvanized	Double headed nail Gunnebo bright
			
Cut nail Gunnebo hot-dip galvanized	Light weight concrete nail Hema Gunnebo electro-galvanized	Masonry nail Gunnebo electro-galvanized	Anchor nail Gunnebo electro-galvanized
			
Telephone wire nail Gunnebo lacquered	Moulding nail Gunnebo lacquered	Staples Gunnebo electro-galvanized	