

**Bolts Din 933 and Din 931 Zinc plated  
Connection nuts Din 6334 Zinc plated  
Nuts Din 934 Zinc plated + Hot dip Plated  
Plain Washers Din 126 Hot dip Zinc Plated  
Bolts Din 933 Hot dip Zinc Plated**



Repair Management Nederland B.V.

More management less firefighting

**Bolt steel zinc plated Din 931 8.8**

| Size | Wrench size | Thread | Size | Wrench size | Thread |
|------|-------------|--------|------|-------------|--------|
| M3   | 5.5 mm.     | 0.5    | M18  | 27 mm.      | 2.5    |
| M4   | 7 mm.       | 0.7    | M20  | 30 mm.      | 2.5    |
| M5   | 8 mm.       | 0.8    | M22  | 30 mm.      | 2.5    |
| M6   | 10 mm.      | 1.0    | M24  | 36 mm.      | 3.0    |
| M8   | 13 mm.      | 1.25   | M27  | 41 mm.      | 3.0    |
| M10  | 17 mm.      | 1.5    | M30  | 46 mm.      | 3.5    |
| M12  | 19 mm.      | 1.75   | M33  | 50 mm.      | 3.5    |
| M14  | 22 mm.      | 2.0    | M36  | 55 mm.      | 4.0    |
| M16  | 24 mm.      | 2.0    |      |             |        |

| Number     | Size   | Number     | Size    |
|------------|--------|------------|---------|
| 0493104025 | M4x25  | 0493108050 | M8x50   |
| 0493104030 | M4x30  | 0493108055 | M8x55   |
| 0493104040 | M4x40  | 0493108060 | M8x60   |
| 0493104050 | M4x50  | 0493108065 | M8x65   |
| 0493105030 | M5x30  | 0493108070 | M8x70   |
| 0493105035 | M5x35  | 0493108080 | M8x80   |
| 0493105040 | M5x40  | 0493108090 | M8x90   |
| 0493105045 | M5x45  | 0493108100 | M8x100  |
| 0493105050 | M5x50  | 0493108110 | M8x110  |
| 0493105055 | M5x55  | 0493108120 | M8x120  |
| 0493105060 | M5x60  | 0493108130 | M8x130  |
| 0493105070 | M5x70  | 0493108140 | M8x140  |
| 0493105080 | M5x80  | 0493108150 | M8x150  |
| 0493106030 | M6x30  | 0493108160 | M8x160  |
| 0493106035 | M6x35  | 0493108180 | M8x180  |
| 0493106040 | M6x40  | 0493108200 | M8x200  |
| 0493106045 | M6x45  | 0493110040 | M10x40  |
| 0493106050 | M6x50  | 0493110045 | M10x45  |
| 0493106055 | M6x55  | 0493110050 | M10x50  |
| 0493106060 | M6x60  | 0493110060 | M10x60  |
| 0493106065 | M6x65  | 0493110065 | M10x65  |
| 0493106070 | M6x70  | 0493110070 | M10x70  |
| 0493106075 | M6x75  | 0493110075 | M10x75  |
| 0493106080 | M6x80  | 0493110080 | M10x80  |
| 0493106090 | M6x90  | 0493110090 | M10x90  |
| 0493106100 | M6x100 | 0493110100 | M10x100 |
| 0493106110 | M6x110 | 0493110110 | M10x110 |
| 0493106120 | M6x120 | 0493110120 | M10x120 |
| 0493108035 | M8x35  | 0493110130 | M10x130 |
| 0493108040 | M8x40  | 0493110140 | M10x140 |
| 0493108045 | M8x45  | 0493110150 | M10x150 |



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## Bolts & nuts

### Bolt steel zinc plated Din 931 8.8

| Article No. | Size    | Article No. | Size    |
|-------------|---------|-------------|---------|
| 0493110160  | M10x160 | 0493114150  | M14x150 |
| 0493110170  | M10x170 | 0493114160  | M14x160 |
| 0493110180  | M10x180 | 0493114180  | M14x180 |
| 0493110200  | M10x200 | 0493114200  | M14x200 |
| 0493110220  | M10x220 | 0493114220  | M14x220 |
| 0493112045  | M12x45  | 0493114240  | M14x240 |
| 0493112050  | M12x50  | 0493114260  | M14x260 |
| 0493112055  | M12x55  | 0493116055  | M16x55  |
| 0493112060  | M12x60  | 0493116060  | M16x60  |
| 0493112065  | M12x65  | 0493116065  | M16x65  |
| 0493112070  | M12x70  | 0493116070  | M16x70  |
| 0493112075  | M12x75  | 0493116075  | M16x75  |
| 0493112080  | M12x80  | 0493116080  | M16x80  |
| 0493112090  | M12x90  | 0493116090  | M16x90  |
| 0493112100  | M12x100 | 0493116100  | M16x100 |
| 0493112110  | M12x110 | 0493116110  | M16x110 |
| 0493112120  | M12x120 | 0493116120  | M16x120 |
| 0493112130  | M12x130 | 0493116130  | M16x130 |
| 0493112140  | M12x140 | 0493116140  | M16x140 |
| 0493112150  | M12x150 | 0493116150  | M16x150 |
| 0493112160  | M12x160 | 0493116160  | M16x160 |
| 0493112180  | M12x180 | 0493116180  | M16x180 |
| 0493112200  | M12x200 | 0493116200  | M16x200 |
| 0493112220  | M12x220 | 0493116220  | M16x220 |
| 0493112240  | M12x240 | 0493116240  | M16x240 |
| 0493112260  | M12x260 | 0493116260  | M16x260 |
| 0493112280  | M12x280 | 0493116280  | M16x280 |
| 0493112300  | M12x300 | 0493116300  | M16x300 |
| 0493114050  | M14x50  | 0493116320  | M16x320 |
| 0493114055  | M14x55  | 0493118060  | M18x60  |
| 0493114060  | M14x60  | 0493118065  | M18x65  |
| 0493114065  | M14x65  | 0493118070  | M18x70  |
| 0493114070  | M14x70  | 0493118080  | M18x80  |
| 0493114075  | M14x75  | 0493118090  | M18x90  |
| 0493114080  | M14x80  | 0493118100  | M18x100 |
| 0493114090  | M14x90  | 0493118110  | M18x110 |
| 0493114100  | M14x100 | 0493118120  | M18x120 |
| 0493114110  | M14x110 | 0493118130  | M18x130 |
| 0493114120  | M14x120 | 0493118140  | M18x140 |
| 0493114130  | M14x130 | 0493118150  | M18x150 |
| 0493114140  | M14x140 | 0493118160  | M18x160 |



Other sizes on request

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## Bolts & nuts

### Hexagon head bolts steel zinc plated Din 933 8.8

| Size | Wrench size | Thread | Size | Wrench size | Thread |
|------|-------------|--------|------|-------------|--------|
| M3   | 5.5 mm.     | 0.5    | M18  | 27 mm.      | 2.5    |
| M4   | 7 mm.       | 0.7    | M20  | 30 mm.      | 2.5    |
| M5   | 8 mm.       | 0.8    | M22  | 30 mm.      | 2.5    |
| M6   | 10 mm.      | 1.0    | M24  | 36 mm.      | 3.0    |
| M8   | 13 mm.      | 1.25   | M27  | 41 mm.      | 3.0    |
| M10  | 17 mm.      | 1.5    | M30  | 46 mm.      | 3.5    |
| M12  | 19 mm.      | 1.75   | M33  | 50 mm.      | 3.5    |
| M14  | 22 mm.      | 2.0    | M36  | 55 mm.      | 4.0    |
| M16  | 24 mm.      | 2.0    |      |             |        |

| Article No. | Size  | Article No. | Size   |
|-------------|-------|-------------|--------|
| 0493304010  | M4x10 | 0493306055  | M6x55  |
| 0493304012  | M4x12 | 0493306060  | M6x60  |
| 0493304016  | M4x16 | 0493306070  | M6x70  |
| 0493304020  | M4x20 | 0493308010  | M8x10  |
| 0493304025  | M4x25 | 0493308012  | M8x12  |
| 0493304030  | M4x30 | 0493308016  | M8x16  |
| 0493304035  | M4x35 | 0493308020  | M8x20  |
| 0493304040  | M4x40 | 0493308025  | M8x25  |
| 0493304050  | M4x50 | 0493308030  | M8x30  |
| 0493304060  | M4x60 | 0493308035  | M8x35  |
| 0493305010  | M5x10 | 0493308040  | M8x40  |
| 0493305012  | M5x12 | 0493308045  | M8x45  |
| 0493305016  | M5x16 | 0493308050  | M8x50  |
| 0493305020  | M5x20 | 0493308055  | M8x55  |
| 0493305025  | M5x25 | 0493308060  | M8x60  |
| 0493305030  | M5x30 | 0493308065  | M8x65  |
| 0493305035  | M5x35 | 0493308070  | M8x70  |
| 0493305040  | M5x40 | 0493308080  | M8x80  |
| 0493305045  | M5x45 | 0493308090  | M8x90  |
| 0493305050  | M5x50 | 0493308100  | M8x100 |
| 0493305060  | M5x60 | 0493308110  | M8x110 |
| 0493306010  | M6x10 | 0493308120  | M8x120 |
| 0493306012  | M6x12 | 0493310016  | M10x16 |
| 0493306016  | M6x16 | 0493310020  | M10x20 |
| 0493306020  | M6x20 | 0493310025  | M10x25 |
| 0493306025  | M6x25 | 0493310030  | M10x30 |
| 0493306030  | M6x30 | 0493310035  | M10x35 |
| 0493306035  | M6x35 | 0493310040  | M10x40 |
| 0493306040  | M6x40 | 0493310045  | M10x45 |
| 0493306045  | M6x45 | 0493310050  | M10x50 |
| 0493306050  | M6x50 | 0493310055  | M10x55 |



**Hexagon head bolts steel zinc plated Din 933 8.8**

| Article No. | Size    | Article No. | Size    |
|-------------|---------|-------------|---------|
| 0493310060  | M10x60  | 0493316045  | M16x45  |
| 0493310065  | M10x65  | 0493316050  | M16x50  |
| 0493310070  | M10x70  | 0493316055  | M16x55  |
| 0493310080  | M10x80  | 0493316060  | M16x60  |
| 0493310090  | M10x90  | 0493316065  | M16x65  |
| 0493310100  | M10x100 | 0493316070  | M16x70  |
| 0493310110  | M10x110 | 0493316080  | M16x80  |
| 0493310120  | M10x120 | 0493316090  | M16x90  |
| 0493310130  | M10x130 | 0493316100  | M16x100 |
| 0493310140  | M10x140 | 0493316110  | M16x110 |
| 0493312020  | M12x20  | 0493316120  | M16x120 |
| 0493312025  | M12x25  | 0493316130  | M16x130 |
| 049331230   | M12x30  | 0493318040  | M18x40  |
| 0493312035  | M12x35  | 0493318045  | M18x45  |
| 0493312040  | M12x40  | 0493318050  | M18x50  |
| 0493312045  | M12x45  | 0493318055  | M18x55  |
| 0493312050  | M12x50  | 0493318060  | M18x60  |
| 0493312055  | M12x55  | 0493318065  | M18x65  |
| 0493312060  | M12x60  | 0493318070  | M18x70  |
| 0493312065  | M12x65  | 0493318080  | M18x80  |
| 0493312070  | M12x70  | 0493318090  | M18x90  |
| 0493312080  | M12x80  | 0493318100  | M18x100 |
| 0493312090  | M12x90  | 0493320030  | M20x30  |
| 0493312100  | M12x100 | 0493320035  | M20x35  |
| 0493312110  | M12x110 | 0493320040  | M20x40  |
| 0493312120  | M12x120 | 0493320045  | M20x45  |
| 0493312130  | M12x130 | 0493320050  | M20x50  |
| 0493312140  | M12x140 | 0493320055  | M20x55  |
| 0493314040  | M14x40  | 0493320060  | M20x60  |
| 0493314045  | M14x45  | 0493320065  | M20x65  |
| 0493314050  | M14x50  | 0493320070  | M20x70  |
| 0493314055  | M14x55  | 0493320080  | M20x80  |
| 0493314060  | M14x60  | 0493320080  | M20x90  |
| 0493314065  | M14x65  | 0493320100  | M20x100 |
| 0493314070  | M14x70  | 0493320110  | M20x110 |
| 0493314080  | M14x80  | 0493322050  | M22x50  |
| 0493314090  | M14x90  | 0493322055  | M22x55  |
| 0493314100  | M14x100 | 0493322060  | M22x60  |
| 0493316025  | M16x25  | 0493322065  | M22x65  |
| 0493316030  | M16x30  | 0493322070  | M22x70  |
| 0493316035  | M16x35  | 0493322080  | M22x80  |
| 0493316040  | M16x40  | 0493322090  | M22x90  |



### Hexagon head bolts steel zinc plated Din 933 8.8

| Article No. | Size    | Article No. | Size    |
|-------------|---------|-------------|---------|
| 0493322100  | M22x100 | 0493327160  | M27x160 |
| 0493324040  | M24x40  | 0493330050  | M30x50  |
| 0493324045  | M24x45  | 0493330060  | M30x60  |
| 0493324050  | M24x50  | 0493330070  | M30x70  |
| 0493324055  | M24x55  | 0493330080  | M30x80  |
| 0493324060  | M24x60  | 0493330090  | M30x90  |
| 0493324065  | M24x65  | 0493330100  | M30x100 |
| 0493324070  | M24x70  | 0493330120  | M30x120 |
| 0493324080  | M24x80  | 0493330140  | M30x140 |
| 0493324090  | M24x90  | 0493330160  | M30x160 |
| 0493324100  | M24x100 | 049333060   | M33x60  |
| 0493324120  | M24x120 | 049333070   | M33x70  |
| 0493327050  | M27x50  | 049333080   | M33x80  |
| 0493327055  | M27x55  | 049333090   | M33x90  |
| 0493327060  | M27x60  | 0493333100  | M33x100 |
| 0493327070  | M27x70  | 0493336080  | M36x80  |
| 0493327080  | M27x80  | 0493336090  | M36x90  |
| 0493327090  | M27x90  | 0493336100  | M36x100 |
| 0493327100  | M27x100 | 0493336120  | M36x120 |
| 0493327110  | M27x110 | 0493336140  | M36x140 |
| 0493327120  | M27x120 | 0493336160  | M36x160 |
| 0493327140  | M27x140 |             |         |



Other sizes on request


### Hexagon connection nuts Din 6334 steel zinc plated H3D class 6

| Article No. | Size | Article No. | Size |
|-------------|------|-------------|------|
| 04934H3D05  | M5   | 04934H3D20  | M20  |
| 04934H3D06  | M6   | 04934H3D22  | M22  |
| 04934H3D08  | M8   | 04934H3D24  | M24  |
| 04934H3D10  | M10  | 04934H3D27  | M27  |
| 04934H3D12  | M12  | 04934H3D30  | M30  |
| 04934H3D14  | M14  | 04934H3D33  | M33  |
| 04934H3D16  | M16  | 04934H3D36  | M36  |
| 04934H3D18  | M18  |             |      |




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**Nuts steel zinc plated Din 934 8**

| Article No. | Size |   | Article No. | Size |
|-------------|------|---|-------------|------|
| 0493403     | M3   |  | 0493422     | M22  |
| 0493404     | M4   |   | 0493424     | M24  |
| 0493405     | M5   |   | 0493427     | M27  |
| 0493406     | M6   |   | 0493430     | M30  |
| 0493407     | M7   |   | 0493433     | M33  |
| 0493408     | M8   |   | 0493436     | M36  |
| 0493410     | M10  |   | 0493439     | M39  |
| 0493412     | M12  |   | 0493442     | M42  |
| 0493414     | M14  |   | 0493445     | M45  |
| 0493416     | M16  |   | 0493448     | M48  |
| 0493418     | M18  |   | 0493452     | M52  |
| 0493420     | M20  |   |             |      |

**Hexagon head bolts steel hot dip galvanized Din 933 8.8**

| Size | Wrench size | Thread | Size | Wrench size | Thread |
|------|-------------|--------|------|-------------|--------|
| M3   | 5.5 mm.     | 0.5    | M18  | 27 mm.      | 2.5    |
| M4   | 7 mm.       | 0.7    | M20  | 30 mm.      | 2.5    |
| M5   | 8 mm.       | 0.8    | M22  | 30 mm.      | 2.5    |
| M6   | 10 mm.      | 1.0    | M24  | 36 mm.      | 3.0    |
| M8   | 13 mm.      | 1.25   | M27  | 41 mm.      | 3.0    |
| M10  | 17 mm.      | 1.5    | M30  | 46 mm.      | 3.5    |
| M12  | 19 mm.      | 1.75   | M33  | 50 mm.      | 3.5    |
| M14  | 22 mm.      | 2.0    | M36  | 55 mm.      | 4.0    |
| M16  | 24 mm.      | 2.0    |      |             |        |

| Article No.  | Size   |   | Article No.  | Size   |
|--------------|--------|---|--------------|--------|
| 04933TV12020 | M12x20 |  | 04933TV20050 | M20x50 |
| 04933TV12025 | M12x25 |   | 04933TV20055 | M20x55 |
| 04933TV12030 | M12x30 |   | 04933TV20060 | M20x60 |
| 04933TV12035 | M12x35 |   | 04933TV24040 | M24x40 |
| 04933TV12040 | M12x40 |   | 04933TV24045 | M24x45 |
| 04933TV16030 | M16x30 |   | 04933TV24050 | M24x50 |
| 04933TV16035 | M16x35 |   | 04933TV24055 | M24x55 |
| 04933TV16040 | M16x40 |   | 04933TV24060 | M24x60 |
| 04933TV16045 | M16x45 |   | 04933TV24065 | M24x65 |
| 04933TV16050 | M16x50 |   | 04933TV24070 | M24x70 |
| 04933TV20040 | M20x40 |   | 04933TV27050 | M27x50 |
| 04933TV20045 | M20x45 |   | 04933TV27060 | M27x60 |

**Nuts steel hot dip galvanized Din 934 8**

| Article No. | Size | Article No. | Size |
|-------------|------|-------------|------|
| 04934TV10   | M10  | 04934TV33   | M33  |
| 04934TV12   | M12  | 04934TV36   | M36  |
| 04934TV14   | M14  | 04934TV39   | M39  |
| 04934TV16   | M16  | 04934TV42   | M42  |
| 04934TV18   | M18  | 04934TV45   | M45  |
| 04934TV20   | M20  | 04934TV48   | M48  |
| 04934TV22   | M22  | 04934TV52   | M52  |
| 04934TV24   | M24  | 04934TV56   | M56  |
| 04934TV27   | M27  | 04934TV60   | M60  |
| 04934TV30   | M30  | 04934TV64   | M64  |

**Plain washer steel hot dip galvanized Din 126**

| Article No. | Size       | Article No. | Size        |
|-------------|------------|-------------|-------------|
| 01126TV08   | M8x16x1.6  | 01126TV36   | M36x66x5.0  |
| 01126TV10   | M10x20x2.0 | 01126TV39   | M39x72x6.0  |
| 01126TV12   | M12x24x2.5 | 01126TV42   | M42x78x7.0  |
| 01126TV16   | M16x30x3.0 | 01126TV45   | M45x85x7.0  |
| 01126TV20   | M20x37x3.0 | 01126TV48   | M48x92x8.0  |
| 01126TV22   | M22x39x3.0 | 01126TV52   | M52x98x8.0  |
| 01126TV24   | M24x44x4.0 | 01126TV56   | M56x105x9.0 |
| 01126TV27   | M27x50x4.0 | 01126TV60   | M60x110x9.0 |
| 01126TV30   | M30x56x4.0 | 01126TV64   | M64x115x9.0 |
| 01126TV33   | M33x60x5.0 |             |             |

