

11.01  
S6K

Hexagonal head bolt, fully threaded

SEND THE INQUIRY

+48 58 55 40 410

Standards:

DIN 933  
GOST 7798-70  
ISO 4017  
PN-M 82105

5.8 8.8 10.9

Class (standard):

12.9

Class (special order):

Coating (standard):

B  
WHITE  
ZINC  
COATING

Coating (special order):

A C G  
YELLOW ZINC COATING BLACK ZINC COATING HDG  
N  
NICKEL COATING



Dimensions

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101120020S10D933T | M12 | 20     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080030B88D933T | M8  | 30     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101060020B88D933T | M6  | 20     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160065B88D933T | M16 | 65     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080060B88D933T | M8  | 60     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080100S10D933T | M8  | 100    | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101140050B88D933T | M14 | 50     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080040B88D933T | M8  | 40     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120030B88D933T | M12 | 30     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100040B88D933T | M10 | 40     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100080B88D933T | M10 | 80     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080016B88D933T | M8  | 14     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101060080B88D933T | M6  | 80     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160050B88D933T | M16 | 50     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120040B88D933T | M12 | 40     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120045B88D933T | M12 | 45     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101080012B88D933T | M8  | 12     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080070S10D933T | M8  | 70     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101160080B88D933T | M16 | 80     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080050B88D933T | M8  | 50     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160100B88D933T | M16 | 100    | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100100B88D933T | M10 | 100    | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120070B88D933T | M12 | 70     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101060025B88D933T | M6  | 25     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120055B88D933T | M12 | 55     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100020B88D933T | M10 | 20     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100070B88D933T | M10 | 70     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100060B88D933T | M10 | 60     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160045B88D933T | M16 | 45     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101050060B88D933T | M5  | 60     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | TYS             |
| 1101060060B88D933T | M6  | 60     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160030B88D933T | M16 | 30     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120060B88D933T | M12 | 60     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100025S10D933T | M10 | 25     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120120B88D933T | M12 | 120    | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080020B88D933T | M8  | 20     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101060016B88D933T | M6  | 16     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120100B88D933T | M12 | 100    | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101050030B88D933T | M5  | 30     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | TYS             |
| 1101060040B88D933T | M6  | 40     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100030B88D933T | M10 | 30     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120025B88D933T | M12 | 25     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100050B88D933T | M10 | 50     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100030S10D933T | M10 | 30     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080035B88D933T | M8  | 35     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160070B88D933T | M16 | 70     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100035B88D933T | M10 | 35     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080070B88D933T | M8  | 70     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120050B88D933T | M12 | 50     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101060030B88D933T | M6  | 30     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080045B88D933T | M8  | 45     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120035B88D933T | M12 | 35     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160040B88D933T | M16 | 40     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080080B88D933T | M8  | 80     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080100B88D933T | M8  | 100    | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101060035B88D933T | M6  | 35     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120025S10D933T | M12 | 25     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080090B88D933T | M8  | 90     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160055B88D933T | M16 | 55     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101160035B88D933T | M16 | 35     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080025B88D933T | M8  | 25     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100050S10D933T | M10 | 50     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101060012B88D933T | M6  | 12     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100025B88D933T | M10 | 25     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101140030S10D933T | M14 | 30     | 9.0    | 22.0   | 10.9                        | S (raw product)        | TYS             |
| 1101060050B88D933T | M6  | 50     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101060020S10D933T | M6  | 20     | 4.0    | 10.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120080B88D933T | M12 | 80     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100090S10D933T | M10 | 90     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080010B88D933T | M8  | 10     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080120B88D933T | M8  | 120    | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080090S10D933T | M8  | 90     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120035B10D933T | M12 | 35     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101160060B88D933T | M16 | 60     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101100045B88D933T | M10 | 45     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101080030S10D933T | M8  | 30     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080035S10D933T | M8  | 35     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080050S10D933T | M8  | 50     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101100040S10D933T | M10 | 40     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101100080S10D933T | M10 | 80     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101100100S10D933T | M10 | 100    | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120030S10D933T | M12 | 30     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120035S10D933T | M12 | 35     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120040S10D933T | M12 | 40     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120045S10D933T | M12 | 45     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120060S10D933T | M12 | 60     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101120080S10D933T | M12 | 80     | 7.5    | 19.0   | 10.9                        | S (raw product)        | TYS             |
| 1101140040S10D933T | M14 | 40     | 9.0    | 22.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080020S10D933T | M8  | 20     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080025S10D933T | M8  | 25     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080040S10D933T | M8  | 40     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080045S10D933T | M8  | 45     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080060S10D933T | M8  | 60     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080080S10D933T | M8  | 80     | 5.3    | 13.0   | 10.9                        | S (raw product)        | TYS             |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101100020S10D933T | M10 | 20     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101100045S10D933T | M10 | 45     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101100060S10D933T | M10 | 60     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101100070S10D933T | M10 | 70     | 6.4    | 17.0   | 10.9                        | S (raw product)        | TYS             |
| 1101060030S10D933T | M6  | 30     | 4.0    | 10.0   | 10.9                        | S (raw product)        | TYS             |
| 1101060040S10D933T | M6  | 40     | 4.0    | 10.0   | 10.9                        | S (raw product)        | TYS             |
| 1101060025S10D933T | M6  | 25     | 4.0    | 10.0   | 10.9                        | S (raw product)        | TYS             |
| 1101080050B58D933T | M8  | 50     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | TYS             |
| 1101080060B58D933T | M8  | 60     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | TYS             |
| 1101060065B88D933T | M6  | 65     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101120090B88D933T | M12 | 90     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | TYS             |
| 1101200065B88D933S | M20 | 65     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101160040S10D933S | M16 | 40     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200040S10D933S | M20 | 40     | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101100035S10D933S | M10 | 35     | 6.4    | 17.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200080B88D933S | M20 | 80     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101180060B88D933S | M18 | 60     | 12.0   | 27.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101200100B88D933S | M20 | 100    | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101160070S10D933S | M16 | 70     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101240080B88D933S | M24 | 80     | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101140050S10D933S | M14 | 50     | 9.0    | 22.0   | 10.9                        | S (raw product)        | SZT             |
| 1101160080S10D933S | M16 | 80     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200100S10D933S | M20 | 100    | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101140060B88D933S | M14 | 60     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101200080S10D933S | M20 | 80     | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101140060S10D933S | M14 | 60     | 9.0    | 22.0   | 10.9                        | S (raw product)        | SZT             |
| 1101160050S10D933S | M16 | 50     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101160045S10D933S | M16 | 45     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101180050B88D933S | M18 | 50     | 12.0   | 27.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101200060B88D933S | M20 | 60     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101160030S10D933S | M16 | 30     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200050B88D933S | M20 | 50     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101240090B88D933S | M24 | 90     | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101200060S10D933S | M20 | 60     | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101100120B88D933S | M10 | 120    | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101240060B88D933S | M24 | 60     | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101140070S10D933S | M14 | 70     | 9.0    | 22.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200050S10D933S | M20 | 50     | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101240070B88D933S | M24 | 70     | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | SZT             |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101160100S10D933S | M16 | 100    | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101160060S10D933S | M16 | 60     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101240100B88D933S | M24 | 100    | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101160090S10D933S | M16 | 90     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101140070B88D933S | M14 | 70     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101180060S10D933S | M18 | 60     | 12.0   | 27.0   | 10.9                        | S (raw product)        | SZT             |
| 1101240120B88D933S | M24 | 120    | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101200070B88D933S | M20 | 70     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101180070S10D933S | M18 | 70     | 12.0   | 27.0   | 10.9                        | S (raw product)        | SZT             |
| 1101160035S10D933S | M16 | 35     | 10.0   | 24.0   | 10.9                        | S (raw product)        | SZT             |
| 1101120050S10D933S | M12 | 50     | 7.5    | 19.0   | 10.9                        | S (raw product)        | SZT             |
| 1101120100S10D933S | M12 | 100    | 7.5    | 19.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200070S10D933S | M20 | 70     | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101180080S10D933S | M18 | 80     | 12.0   | 27.0   | 10.9                        | S (raw product)        | SZT             |
| 1101180050S10D933S | M18 | 50     | 12.0   | 27.0   | 10.9                        | S (raw product)        | SZT             |
| 1101180080B88D933S | M18 | 80     | 12.0   | 27.0   | 8.8                         | B (White zinc coating) | SZT             |
| 1101120070S10D933S | M12 | 70     | 7.5    | 19.0   | 10.9                        | S (raw product)        | SZT             |
| 1101140080S10D933S | M14 | 80     | 9.0    | 22.0   | 10.9                        | S (raw product)        | SZT             |
| 1101120090S10D933S | M12 | 90     | 7.5    | 19.0   | 10.9                        | S (raw product)        | SZT             |
| 1101200090S10D933S | M20 | 90     | 12.5   | 30.0   | 10.9                        | S (raw product)        | SZT             |
| 1101050020B88D933K | M5  | 20     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101050010B58D933K | M5  | 10     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101060030B88D933K | M6  | 30     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101140030B88D933K | M14 | 30     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200100B58D933K | M20 | 100    | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120060B88D933K | M12 | 60     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060070B88D933K | M6  | 70     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100050B58D933K | M10 | 50     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120035B88D933K | M12 | 35     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120080B88D933K | M12 | 80     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160035B58D933K | M16 | 35     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160040B58D933K | M16 | 40     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160065B58D933K | M16 | 65     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160090B58D933K | M16 | 90     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160120B88D933K | M16 | 120    | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120045B88D933K | M12 | 45     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100050B88D933K | M10 | 50     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200045B88D933K | M20 | 45     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080090B58D933K | M8  | 90     | 5.3    | 16.0   | 5.8                         | B (White zinc coating) | KG              |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101160025B88D933K | M16 | 25     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101240080B88D933K | M24 | 80     | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200070B58D933K | M20 | 70     | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140040B58D933K | M14 | 40     | 9.0    | 22.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080045B88D933K | M8  | 45     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160040B88D933K | M16 | 40     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100090B58D933K | M10 | 90     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160045B88D933K | M16 | 45     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200050B58D933K | M20 | 50     | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080040B88D933K | M8  | 40     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080070B88D933K | M8  | 70     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050050B58D933K | M5  | 50     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101100070B88D933K | M10 | 70     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100035B58D933K | M10 | 35     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060045B58D933K | M6  | 45     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101240100B88D933K | M24 | 100    | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160120B58D933K | M16 | 120    | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120020B58D933K | M12 | 20     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101050030B58D933K | M5  | 30     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101080012B58D933K | M8  | 12     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101200070B88D933K | M20 | 70     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100100B58D933K | M10 | 100    | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080100B88D933K | M8  | 100    | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060090B58D933K | M6  | 90     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080035B88D933K | M8  | 35     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120100B88D933K | M12 | 100    | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120025B58D933K | M12 | 25     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101200100B88D933K | M20 | 100    | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120065B58D933K | M12 | 65     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140030B58D933K | M14 | 30     | 9.0    | 22.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101200050B88D933K | M20 | 50     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060070B58D933K | M6  | 70     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100025B88D933K | M10 | 25     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060100B58D933K | M6  | 100    | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140040B88D933K | M14 | 40     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060120B58D933K | M6  | 120    | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080055B58D933K | M8  | 55     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100035B88D933K | M10 | 35     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200080B58D933K | M20 | 80     | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101160030B88D933K | M16 | 30     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100016B58D933K | M10 | 16     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080060B88D933K | M8  | 60     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060016B88D933K | M6  | 16     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060035B58D933K | M6  | 35     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060080B88D933K | M6  | 80     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080025B88D933K | M8  | 25     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080016B88D933K | M8  | 16     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160080B58D933K | M16 | 80     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101240080B58D933K | M24 | 80     | 15.0   | 36.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160100B88D933K | M16 | 100    | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160060B58D933K | M16 | 60     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060025B88D933K | M6  | 25     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100090B88D933K | M10 | 90     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200055B88D933K | M20 | 55     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100060B88D933K | M10 | 60     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050035B58D933K | M5  | 35     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101060040B88D933K | M6  | 40     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100020B88D933K | M10 | 20     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120055B58D933K | M12 | 55     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101200040B58D933K | M20 | 40     | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101050040B58D933K | M5  | 40     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101100100B88D933K | M10 | 100    | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100016B88D933K | M10 | 16     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100065B88D933K | M10 | 65     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100020B58D933K | M10 | 20     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120100B58D933K | M12 | 100    | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140035B88D933K | M14 | 35     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200120B88D933K | M20 | 120    | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050012B58D933K | M5  | 12     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101050016B88D933K | M5  | 16     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101060045B88D933K | M6  | 45     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060080B58D933K | M6  | 80     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100040B88D933K | M10 | 40     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050016B58D933K | M5  | 16     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101060010B58D933K | M6  | 10     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160030B58D933K | M16 | 30     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120080B58D933K | M12 | 80     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080030B88D933K | M8  | 30     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101120050B88D933K | M12 | 50     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120060B58D933K | M12 | 60     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160035B88D933K | M16 | 35     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060020B88D933K | M6  | 20     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101140070B88D933K | M14 | 70     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120020B88D933K | M12 | 20     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160050B58D933K | M16 | 50     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140050B88D933K | M14 | 30     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200080B88D933K | M20 | 80     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120025B88D933K | M12 | 25     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080050B88D933K | M8  | 50     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060050B58D933K | M6  | 50     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060012B58D933K | M6  | 12     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100070B58D933K | M10 | 70     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120035B58D933K | M12 | 35     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120070B88D933K | M12 | 70     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200090B58D933K | M20 | 90     | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101240090B88D933K | M24 | 90     | 15.0   | 36.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100080B88D933K | M10 | 80     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160070B88D933K | M16 | 70     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060035B88D933K | M6  | 35     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080100B58D933K | M8  | 100    | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100045B58D933K | M10 | 45     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101200060B88D933K | M20 | 60     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160050B88D933K | M16 | 50     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200090B88D933K | M20 | 90     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160025B58D933K | M16 | 25     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160090B88D933K | M16 | 90     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160045B58D933K | M16 | 45     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120050B58D933K | M12 | 50     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101050050B88D933K | M5  | 50     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101120090B88D933K | M12 | 90     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060012B88D933K | M6  | 12     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080080B88D933K | M8  | 80     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101140060B88D933K | M14 | 60     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050040B88D933K | M5  | 40     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101160055B88D933K | M16 | 55     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200040B88D933K | M20 | 40     | 12.5   | 30.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120045B58D933K | M12 | 45     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |



| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101080090B88D933K | M8  | 90     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200120B58D933K | M20 | 120    | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060055B58D933K | M6  | 55     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101050025B58D933K | M5  | 25     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101080012B88D933K | M8  | 12     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050020B58D933K | M5  | 20     | 3.5    | 8.0    | 5.8                         | B (White zinc coating) | KG              |
| 1101060050B88D933K | M6  | 50     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160100B58D933K | M16 | 100    | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140050B58D933K | M14 | 50     | 9.0    | 22.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100120B58D933K | M10 | 120    | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120090B58D933K | M12 | 90     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101140045B88D933K | M14 | 45     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101140080B88D933K | M14 | 40     | 9.0    | 22.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120070B58D933K | M12 | 70     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060060B88D933K | M6  | 60     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120120B88D933K | M12 | 120    | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160080B88D933K | M16 | 80     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101200060B58D933K | M20 | 60     | 12.5   | 30.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060060B58D933K | M6  | 60     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080020B88D933K | M8  | 20     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060016B58D933K | M6  | 16     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100030B58D933K | M10 | 30     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100060B58D933K | M10 | 60     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120030B58D933K | M12 | 30     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120040B58D933K | M12 | 40     | 7.5    | 19.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060020B58D933K | M6  | 20     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160070B58D933K | M16 | 70     | 10.0   | 24.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101060025B58D933K | M6  | 25     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120030B88D933K | M12 | 30     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100030B88D933K | M10 | 30     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060030B58D933K | M6  | 30     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101120040B88D933K | M12 | 40     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060040B58D933K | M6  | 40     | 4.0    | 10.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100040B58D933K | M10 | 40     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080030B58D933K | M8  | 30     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080060B58D933K | M8  | 60     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100025B58D933K | M10 | 25     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101100080B58D933K | M10 | 80     | 6.4    | 17.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080080B58D933K | M8  | 80     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |

| Material index     | d   | L [mm] | k [mm] | s [mm] | Mechanical properties class | Type of coating        | Jednostka miary |
|--------------------|-----|--------|--------|--------|-----------------------------|------------------------|-----------------|
| 1101080035B58D933K | M8  | 35     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080045B58D933K | M8  | 45     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080016B58D933K | M8  | 16     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080020B58D933K | M8  | 20     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080025B58D933K | M8  | 25     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080040B58D933K | M8  | 40     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080050B58D933K | M8  | 50     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101080070B58D933K | M8  | 70     | 5.3    | 13.0   | 5.8                         | B (White zinc coating) | KG              |
| 1101160060B88D933K | M16 | 60     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100065C88D933K | M10 | 65     | 6.4    | 17.0   | 8.8                         | C (black zinc coating) | KG              |
| 1101060090B88D933K | M6  | 90     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060100B88D933K | M6  | 100    | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060120B88D933K | M6  | 120    | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101080055B88D933K | M8  | 55     | 5.3    | 13.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100120B88D933K | M10 | 120    | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101050010B88D933K | M5  | 10     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101050012B88D933K | M5  | 12     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101050025B88D933K | M5  | 25     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101050030B88D933K | M5  | 30     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101050035B88D933K | M5  | 35     | 3.5    | 8.0    | 8.8                         | B (White zinc coating) | KG              |
| 1101060010B88D933K | M6  | 10     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101060055B88D933K | M6  | 60     | 4.0    | 10.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101100045B88D933K | M10 | 45     | 6.4    | 17.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120055B88D933K | M12 | 55     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101120065B88D933K | M12 | 65     | 7.5    | 19.0   | 8.8                         | B (White zinc coating) | KG              |
| 1101160065B88D933K | M16 | 65     | 10.0   | 24.0   | 8.8                         | B (White zinc coating) | KG              |