

# SWISSTEC Sourcing Ltd.



*Think Sourcing. Think SWISSTEC*

18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,  
Thu Dau Mot City, Binh Duong Province. Vietnam.



Document No.: KKM011712-177

Item No: 501152724

Product description:

CHIPBOARD SCREW BOX PROF 1600 PCS

Material: C1022 & C10B21

Certificate No.: [CPR-J-00141-21](#)

[CPR-J-00136-21](#)

[CPR-J-00137-21](#)

[CPR-J-00891-20](#)

Report No.: [1015-CPR-30-15255/18/JZ](#)

[1015-CPR-30-15255/13/JZ](#)

[1015-CPR-30-15255/14/JZ](#)

[1015-CPR-30-14940/2/JZ](#)

| Size              | Nominal diameter<br>(mm) | Inner thread diameter<br>(mm) | Head diameter<br>(mm) | Total length<br>(mm) | Thread length<br>(mm) | Torsional ratio<br>$F_{tor,k}/R_{tor,k}$ | Withdrawal parameter<br>(Loading across / along the fibre)<br>(N/mm <sup>2</sup> ) | Head pull-through parameter<br>(N/mm <sup>2</sup> ) | Yield moment<br>(Ring / Smooth section)<br>$I_2 = 1d$<br>(Nmm) | Tensile capacity<br>(kN) |
|-------------------|--------------------------|-------------------------------|-----------------------|----------------------|-----------------------|------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|--------------------------|
|                   |                          |                               |                       |                      |                       |                                          |                                                                                    |                                                     |                                                                |                          |
| 3.5x20<br>(C1022) | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 18.95 - 20.0         | Full                  | 2.42                                     | 17.03 / 12.64                                                                      | 24.2                                                | 1946<br>(18 Deg)                                               | 3.97                     |
| 3.5x30<br>(C1022) | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 28.5 - 30.0          | 16.5 - 19.5           | 2.42                                     | 17.03 / 12.64                                                                      | 24.2                                                | 1946<br>(18 Deg)                                               | 3.97                     |
| 4x25<br>(C1022)   | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 23.95 - 25.0         | Full                  | 3.42                                     | 16.93 / 11.11                                                                      | 23.08                                               | 3397<br>(17 Deg)                                               | 6.13                     |

|                                                              |           |             |             |             |             |                                                                                           |               |            |                                      |      |
|--------------------------------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|------|
| 4x30<br>(C1022)                                              | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 28.5 - 30.0 | 16.5 - 19.5 | 3.42                                                                                      | 16.93 / 11.11 | 23.08      | 3397 (17 Deg)                        | 6.13 |
| 4x40<br>(C1022)                                              | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 38.5 - 40.0 | 22.5 - 25.5 | 3.42                                                                                      | 16.93 / 11.11 | 23.08      | 3397 (17 Deg)                        | 6.13 |
| 4x50<br>(C1022)                                              | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 48.5 - 50.0 | 28.5 - 31.5 | 3.42                                                                                      | 16.93 / 11.11 | 23.08      | 3397 (17 Deg)                        | 6.13 |
| 5x50<br>(C1022)                                              | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 48.5 - 50.0 | 28.5 - 31.5 | 3.77                                                                                      | 17.41 / 13.73 | 20.26      | 6966 / 11717 (Thread/ smooth 14 Deg) | 9.95 |
| 5x60<br>(C1022)                                              | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 58.5 - 60.0 | 34.5 - 37.5 | 3.77                                                                                      | 17.41 / 13.73 | 20.26      | 6966 / 11717 (Thread/ smooth 14 Deg) | 9.95 |
| 5x70<br>(C10B21)                                             | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 68.5 - 70.0 | 40.5 - 43.5 | 4.1                                                                                       | 17.36 / 12.87 | 23.98      | 5844 / 8841 (Thread/ smooth 14 Deg)  | 9.22 |
| Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> ) |           |             |             |             |             | 450<br>450                                                                                | 400<br>400    | 350<br>350 | -                                    |      |
| Durability (i.e. corrosion protection)                       |           |             |             |             |             | Blue/yellow zinc plated Cr3, (3 - 10) $\mu$ m (Service Class 1 and 2 acc. To EN 1995-1-1) |               |            |                                      |      |

**The manufacturer declares for:**

The product is in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 12 May 2021



Hieu Trong Nguyen



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18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,  
Thu Dau Mot City, Binh Duong Province. Vietnam.



Document No.: KKM011712-177

Item No: 501152724

**Description:**

Chipboard screw torx head with nibs type 17 saw thread white zinc plated  
Cr3 plated 1600pcs in Box Orange and Black - 9 sizes

Material: C1022

Certificate No.: [CPR-J-00813-20](#)

[CPR-J-00814-20](#)

[CPR-J-00816-20](#)

[CPR-J-00891-20](#)

Report No.: [1015-CPR-30-14959/2/JZ](#)

[1015-CPR-30-14959/3/JZ](#)

[1015-CPR-30-14959/5/JZ](#)

[1015-CPR-30-14940/2/JZ](#)

| Description | Nominal diameter<br>(mm) | Inner thread diameter<br>(mm) | Head diameter<br>(mm) | Total length<br>(mm) | Thread length<br>(mm) | Torsional ratio<br>$F_{tor,k}/R_{tor,k}$<br>(Nm) | Withdrawal parameter<br>(Loading across / along the fibre)<br>(N/mm <sup>2</sup> ) | Head pull-through parameter<br>(N/mm <sup>2</sup> ) | Yield moment<br>(Ring / Smooth section)<br>$I_2 = 1d$<br>(Nmm) | Tensile capacity<br>(kN) |
|-------------|--------------------------|-------------------------------|-----------------------|----------------------|-----------------------|--------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|--------------------------|
|             |                          |                               |                       |                      |                       |                                                  |                                                                                    |                                                     |                                                                |                          |
| 3.5x20      | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 18.95 - 20.0         | Full                  | 2.48                                             | 17.03 / 12.64                                                                      | 24.2                                                | 1609<br>(Thread section, 18 Deg)                               | 3.97                     |
| 3.5x30      | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 28.5 - 30.0          | 16.5 - 19.5           | 2.48                                             | 17.03 / 12.64                                                                      | 24.2                                                | 1609<br>(Thread section, 18 Deg)                               | 3.97                     |
| 4.0x25      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 23.95 - 25.0         | Full                  | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3023<br>(Thread section, 17 Deg)                               | 6.13                     |
| 4.0x30      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 28.5 - 30.0          | 16.5 - 19.5           | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3023<br>(Thread section, 17 Deg)                               | 6.13                     |

|                                                              |           |             |             |             |             |                                                                                           |                          |                          |                               |      |
|--------------------------------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------------------------------------------------------------------------------------|--------------------------|--------------------------|-------------------------------|------|
| 4.0x40                                                       | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 38.5 - 40.0 | 22.5 - 25.5 | 3.77                                                                                      | 16.93 / 11.11            | 23.08                    | 3023 (Thread section, 17 Deg) | 6.13 |
| 4.0x50                                                       | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 48.5 - 50.0 | 28.5 - 31.5 | 3.77                                                                                      | 16.93 / 11.11            | 23.08                    | 3023 (Thread section, 17 Deg) | 6.13 |
| 5.0x50                                                       | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 48.5 - 50.0 | 28.5 - 31.5 | 2.58                                                                                      | 17.41 / 13.73            | 20.26                    | 4387 (Thread section, 14 Deg) | 9.95 |
| 5.0x60                                                       | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 58.5 - 60.0 | 34.5 - 37.5 | 2.58                                                                                      | 17.41 / 13.73            | 20.26                    | 4387 (Thread section, 14 Deg) | 9.95 |
| 5.0x70                                                       | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 68.5 - 70.0 | 40.5 - 43.5 | 4.1                                                                                       | 17.36 / 12.87            | 23.98                    | 5844 (Thread section, 14 Deg) | 9.22 |
| Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> ) |           |             |             |             |             | 450<br>350<br>350<br>350                                                                  | 400<br>400<br>440<br>350 | 350<br>350<br>350<br>350 | -                             |      |
| Durability (i.e. corrosion protection)                       |           |             |             |             |             | Blue/yellow zinc plated Cr3, (3 - 10) $\mu$ m (Service Class 1 and 2 acc. To EN 1995-1-1) |                          |                          |                               |      |

**The manufacturer declares for:**

The product is in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 19 Sep 2020



Hieu Trong Nguyen

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18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,  
Thu Dau Mot City, Binh Duong Province. Vietnam.



Document No.: KKM011712-177

Item No: 501152724

**Description:**

Chipboard screw torx head with nibs type 17 saw thread white zinc plated  
Cr3 plated 1600pcs in Box Orange and Black - 9 sizes

Material: C1022

Certificate No.: [CPR-J-00813-20](#)

[CPR-J-00814-20](#)

[CPR-J-00816-20](#)

[CPR-J-00891-20](#)

Report No.: [1015-CPR-30-14959/2/JZ](#)

[1015-CPR-30-14959/3/JZ](#)

[1015-CPR-30-14959/5/JZ](#)

[1015-CPR-30-14940/2/JZ](#)

| Description | Nominal diameter<br>(mm) | Inner thread diameter<br>(mm) | Head diameter<br>(mm) | Total length<br>(mm) | Thread length<br>(mm) | Torsional ratio<br>$F_{tor,k}/R_{tor,k}$<br>(Nm) | Withdrawal parameter<br>(Loading across / along the fibre)<br>(N/mm <sup>2</sup> ) | Head pull-through parameter<br>(N/mm <sup>2</sup> ) | Yield moment<br>(Ring / Smooth section)<br>$I_2 = 1d$<br>(Nmm) | Tensile capacity<br>(kN) |
|-------------|--------------------------|-------------------------------|-----------------------|----------------------|-----------------------|--------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|--------------------------|
|             |                          |                               |                       |                      |                       |                                                  |                                                                                    |                                                     |                                                                |                          |
| 3.5x20      | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 18.95 - 20.0         | Full                  | 2.48                                             | 17.03 / 12.64                                                                      | 24.2                                                | 1609<br>(Thread section, 18 Deg)                               | 3.97                     |
| 3.5x30      | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 28.5 - 30.0          | 16.5 - 19.5           | 2.48                                             | 17.03 / 12.64                                                                      | 24.2                                                | 1609<br>(Thread section, 18 Deg)                               | 3.97                     |
| 4.0x25      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 23.95 - 25.0         | Full                  | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3023<br>(Thread section, 17 Deg)                               | 6.13                     |
| 4.0x30      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 28.5 - 30.0          | 16.5 - 19.5           | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3023<br>(Thread section, 17 Deg)                               | 6.13                     |

|                                                              |           |             |             |             |             |                                                                                           |                          |                          |                               |      |
|--------------------------------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------------------------------------------------------------------------------------|--------------------------|--------------------------|-------------------------------|------|
| 4.0x40                                                       | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 38.5 - 40.0 | 22.5 - 25.5 | 3.77                                                                                      | 16.93 / 11.11            | 23.08                    | 3023 (Thread section, 17 Deg) | 6.13 |
| 4.0x50                                                       | 3.7 - 4.0 | 2.25 - 2.65 | 7.64 - 8.0  | 48.5 - 50.0 | 28.5 - 31.5 | 3.77                                                                                      | 16.93 / 11.11            | 23.08                    | 3023 (Thread section, 17 Deg) | 6.13 |
| 5.0x50                                                       | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 48.5 - 51.5 | 28.5 - 31.5 | 2.58                                                                                      | 17.41 / 13.73            | 20.26                    | 4387 (Thread section, 14 Deg) | 9.95 |
| 5.0x60                                                       | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 58.5 - 60.0 | 34.5 - 37.5 | 2.58                                                                                      | 17.41 / 13.73            | 20.26                    | 4387 (Thread section, 14 Deg) | 9.95 |
| 5.0x70                                                       | 4.7 - 5.0 | 2.9 - 3.2   | 9.64 - 10.0 | 68.5 - 70.0 | 40.5 - 43.5 | 4.1                                                                                       | 17.36 / 12.87            | 23.98                    | 5844 (Thread section, 14 Deg) | 9.22 |
| Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> ) |           |             |             |             |             | 450<br>350<br>350<br>350                                                                  | 400<br>400<br>440<br>350 | 350<br>350<br>350<br>350 | -                             |      |
| Durability (i.e. corrosion protection)                       |           |             |             |             |             | Blue/yellow zinc plated Cr3, (3 - 10) $\mu$ m (Service Class 1 and 2 acc. To EN 1995-1-1) |                          |                          |                               |      |

**The manufacturer declares for:**

The product is in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 29 Aug 2020



Hieu Trong Nguyen

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18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,  
Thu Dau Mot City, Binh Duong Province. Vietnam.



Document No.: KKM011712-177

Item No: 501152724

## Description:

Chipboard screw torx head with nibs type 17 saw thread white zinc plated  
Cr3 plated 1600pcs in Box Orange and Black - 9 sizes

Material: Carbon steel C1022

Certificate No.: [E-30-20648-17](#)

[E-30-20650-17](#)

[E-30-20652-17](#)

Report No.: [1015-CPR-30-11211/3](#)

[1015-CPR-30-11211/5](#)

[1015-CPR-30-11211/7](#)

| Description | Nominal diameter<br>(mm) | Inner thread diameter<br>(mm) | Head diameter<br>(mm) | Total length<br>(mm) | Thread length<br>(mm) | Torsional ratio<br>$F_{tor,k}/R_{tor,k}$<br>(Nm) | Withdrawal parameter<br>(Loading across / along the fibre)<br>(N/mm <sup>2</sup> ) | Head pull-through parameter<br>(N/mm <sup>2</sup> ) | Yield moment<br>(Ring / Smooth section)<br>$I_2 = 1d$<br>(Nmm) | Tensile capacity<br>(kN) |
|-------------|--------------------------|-------------------------------|-----------------------|----------------------|-----------------------|--------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|--------------------------|
|             |                          |                               |                       |                      |                       |                                                  |                                                                                    |                                                     |                                                                |                          |
| 3.5x20      | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 18.95 - 20.0         | Full                  | 2.48                                             | 17.03 / 12.64                                                                      | 24.2                                                | 1900                                                           | 3.97                     |
| 3.5x30      | 3.2 - 3.5                | 1.95 - 2.3                    | 6.6 - 7.0             | 28.5 - 30.0          | 16.5 - 19.5           | 2.48                                             | 17.03 / 12.64                                                                      | 24.2                                                | 1900                                                           | 3.97                     |
| 4.0x25      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 23.95 - 25.0         | Full                  | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3455                                                           | 6.13                     |
| 4.0x30      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 28.5 - 30.0          | 16.5 - 19.5           | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3455                                                           | 6.13                     |
| 4.0x40      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 38.5 - 40.0          | 22.5 - 25.5           | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3455                                                           | 6.13                     |
| 4.0x50      | 3.7 - 4.0                | 2.25 - 2.65                   | 7.64 - 8.0            | 48.5 - 50.0          | 28.5 - 31.5           | 3.77                                             | 16.93 / 11.11                                                                      | 23.08                                               | 3455                                                           | 6.13                     |
| 5.0x50      | 4.7 - 5.0                | 2.9 - 3.2                     | 9.64 - 10.0           | 48.5 - 51.5          | 28.5 - 31.5           | 2.58                                             | 17.41 / 13.73                                                                      | 20.26                                               | 7879 / 12283                                                   | 9.95                     |
| 5.0x60      | 4.7 - 5.0                | 2.9 - 3.2                     | 9.64 - 10.0           | 58.5 - 60.0          | 34.5 - 37.5           | 2.58                                             | 17.41 / 13.73                                                                      | 20.26                                               | 7879 / 12283                                                   | 9.95                     |
| 5.0x70      | 4.7 - 5.0                | 2.9 - 3.2                     | 9.64 - 10.0           | 68.5 - 70.0          | 40.5 - 43.5           | 2.58                                             | 17.41 / 13.73                                                                      | 20.26                                               | 7879 / 12283                                                   | 9.95                     |

|                                                              |                                                                                           |                   |                   |   |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------|-------------------|---|
| Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> ) | 450<br>350<br>350                                                                         | 400<br>400<br>440 | 350<br>350<br>350 | - |
| Durability (i.e. corrosion protection)                       | Blue/yellow zinc plated Cr3, (3 - 10) $\mu$ m (Service Class 1 and 2 acc. To EN 1995-1-1) |                   |                   |   |

***The manufacturer declares for:***

The product is in accordance with EN 14592:2008+A1:2012 “Timber Structures – Dowel - Type fasteners – Requirements”.

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 17 Apr 2019



The image shows a red circular stamp with the text "CÔNG TY TNHH SWISSTEC SOURCING VIỆT NAM" and "TP. THỦ ĐỨC - T. BÌNH DƯƠNG" around the perimeter. A blue ink signature is written over the stamp.

Hieu Trong Nguyen