## TEST REPORT

## article group 22333

nail plug stainless steel, countersunk head

material:

plug: nylon (Polyamid 6) nail: stainless steel A2

from $-40^{\circ}$ Celsius
to $+80^{\circ}$ Celsius

| diameter <br> in $\mathbf{m m}$ |  | length <br> in $\mathbf{~ m m}$ |  | drill hole <br> diameter | min. <br> drill depth | min. <br> ins. depth | max. pract. <br> applic. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| plug | nail | plug | nail |  |  |  |  |
| 5 | 3,4 | 30 | 35 | 5 | 30 mm | 20 mm | 10 mm |
| 5 | 3,4 | 40 | 42 | 5 | 30 mm | 20 mm | 20 mm |
| 5 | 3,4 | 50 | 52 | 5 | 30 mm | 20 mm | 30 mm |
| 5 | 3,4 | 60 | 62 | 5 | 30 mm | 20 mm | 40 mm |
| 6 | 4,0 | 30 | 35 | 6 | 35 mm | 25 mm | 5 mm |
| 6 | 4,0 | 40 | 42 | 6 | 35 mm | 25 mm | 15 mm |
| 6 | 4,0 | 50 | 52 | 6 | 35 mm | 25 mm | 25 mm |
| 6 | 4,0 | 60 | 62 | 6 | 35 mm | 25 mm | 35 mm |
| 6 | 4,0 | 80 | 82 | 6 | 35 mm | 25 mm | 55 mm |
| 8 | 5,0 | 60 | 62 | 8 | 50 mm | 40 mm | 20 mm |
| 8 | 5,0 | 80 | 82 | 8 | 50 mm | 40 mm | 40 mm |
| 8 | 5,0 | 100 | 102 | 8 | 50 mm | 40 mm | 60 mm |

Pull-out results in following building materials:
Pull-out results in kilo-Newton (kn)
plug- $\varnothing$
5 mm
1,2
6 mm
8 mm
concrete B 25
brick MZ 20
sand lime full brick KSV 20

1,
1,0

1,4
2,1
$\begin{array}{lll}1,1 & 1,3 & 1,9\end{array}$
1,1
1,7

Non-supporting material, plasterwork or insulation can not be regarded as anchorage ground.
These reports are basing on internal tests and can be regarded as general recommendations, though have to be tested at local facilities. A security coefficient has to be taken into account. These results are not valid for conditions of building authorities nor do they constitute any authorization.

Recommended security coefficient:

