

# TEST REPORT

**article group 20000**

**alldübel Nylon**

material: nylon (Polyamid 6)

temperature resistance: from – 40° Celsius  
to + 80° Celsius



diameter in mm	length in mm	drill hole diameter	min. drill depth	min. ins. depth	max. pract. applic.
4	20	4	25 mm	20 mm	depending on length of used screw
5	25	5	30 mm	25 mm	
6	30	6	35 mm	30 mm	
7	30	7	35 mm	30 mm	
8	40	8	50 mm	40 mm	
10	50	10	60 mm	50 mm	
12	60	12	70 mm	60 mm	
14	70	14	85 mm	70 mm	
16	80	16	95 mm	80 mm	

Pull-out results in following building materials:

*pull-out results in kilo-Newton (kn)*

plug-Ø	4	5	6	7	8	10	12	14	16
concrete B 25	0,8	2,1	3,3	4,0	4,5	9,4	11,6	14,4	17,9
bricks MZ 20	0,4	1,8	2,6	3,4	4,2	5,2	5,6	7,0	----
sand lime full brick KSV 20	0,4	1,6	2,4	3,2	3,9	4,8	----	----	----

attention: The length of the screw has to be chosen in that way, that the screw penetrates the plug by its own diameter.

example.:	thickness of fixed object	:	20 mm
	plug Ø 6 mm – length of plug	:	30 mm
	1 x screw Ø	:	5 mm
	min. length of screw	:	55 mm

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:**

**5-fold**