$$\left|\psi_0\right\rangle=\left|+_y\,,\ 0\right\rangle$$

t \ p	$\left|-6\right\rangle$	$\left|-5\right\rangle$	$\left|-4\right\rangle$	$\left|-3\right\rangle$	$\left|-2\right\rangle$	$\left|-1\right\rangle$	$\left|0\right\rangle$	$\left|1\right\rangle$	$\left|2\right\rangle$	$\left|3\right\rangle$	$\left|4\right\rangle$	$\left|5\right\rangle$	$\left|6\right\rangle$
0	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.
1	0.	0.	0.	0.	0.	0.5	0.	0.5	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.25	0.	0.5	0.	0.25	0.	0.	0.	0.
3	0.	0.	0.	0.125	0.	0.375	0.	0.375	0.	0.125	0.	0.	0.
4	0.	0.	0.0625	0.	0.375	0.	0.125	0.	0.375	0.	0.0625	0.	0.
5	0.	0.03125	0.	0.34375	0.	0.125	0.	0.125	0.	0.34375	0.	0.03125	0.
6	0.015625	0.	0.28125	0.	0.140625	0.	0.125	0.	0.140625	0.	0.28125	0.	0.015625