

**NAME**

gnutls\_pk\_bits\_to\_sec\_param - API function

**SYNOPSIS**

```
#include <gnutls/gnutls.h>
```

```
gnutls_sec_param_t gnutls_pk_bits_to_sec_param(gnutls_pk_algorithm_t algo, unsigned int bits);
```

**ARGUMENTS**

gnutls\_pk\_algorithm\_t algo  
is a public key algorithm

unsigned int bits  
is the number of bits

**DESCRIPTION**

This is the inverse of **gnutls\_sec\_param\_to\_pk\_bits()**. Given an algorithm and the number of bits, it will return the security parameter. This is a rough indication.

**RETURNS**

The security parameter.

**SINCE**

2.12.0

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

**COPYRIGHT**

Copyright (C) 2001-2023 Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

**SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>