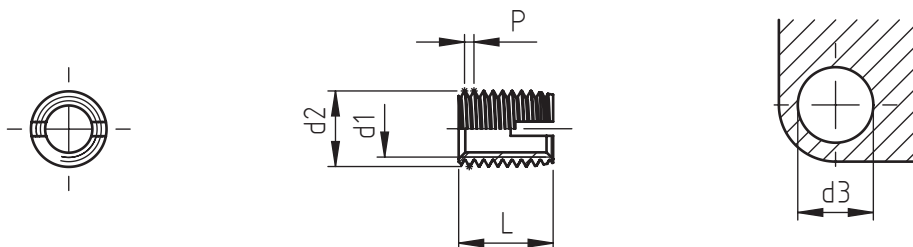


Applications: ferrous and no-ferrous metals, light alloy, cast iron, brass, plastic materials, resins.

Assembly: by special equipment.



| code        | metric thread | special external thread |      | total length | approx. diameter hole d3  |                                                  |                                     | min. hole depth |
|-------------|---------------|-------------------------|------|--------------|---------------------------|--------------------------------------------------|-------------------------------------|-----------------|
|             | d1            | d2                      | P    | L            | soft materials<br>plastic | brittle materials<br>hard plastic<br>light alloy | light alloy<br>no-ferrous materials |                 |
| 303 0030. _ | M 3           | 4,5                     | 0,5  | 6            | 4,0 ÷ 4,1                 | 4,1 ÷ 4,2                                        | 4,2 ÷ 4,3                           | 8               |
| 303 0035. _ | M 3,5         | 5                       | 0,6  | 6            | 4,5 ÷ 4,6                 | 4,6 ÷ 4,7                                        | 4,7 ÷ 4,8                           | 8               |
| 303 0040. _ | M 4           | 6                       | 0,7  | 6            | 5,3 ÷ 5,4                 | 5,5 ÷ 5,6                                        | 5,6 ÷ 5,7                           | 8               |
| 303 0050. _ | M 5           | 7                       | 0,8  | 8            | 6,3 ÷ 6,4                 | 6,5 ÷ 6,6                                        | 6,6 ÷ 6,7                           | 10              |
| 303 0060. _ | M 6           | 8                       | 1    | 10           | 7,1 ÷ 7,2                 | 7,3 ÷ 7,5                                        | 7,5 ÷ 7,6                           | 13              |
| 303 0080. _ | M 8           | 10                      | 1,25 | 12           | 8,6 ÷ 8,8                 | 8,9 ÷ 9,2                                        | 9,2 ÷ 9,4                           | 15              |
| 303 0100. _ | M10           | 12                      | 1,5  | 15           | 10,6 ÷ 10,8               | 10,9 ÷ 11,2                                      | 11,2 ÷ 11,4                         | 18              |

Non binding dimensions, expressed in mm.

In order to use correctly the products, we suggest to carry out some preliminary assembly tests to determine the right hole.

Standard

On demand

Not manufactured

Material: steel \_\_\_\_\_ .16  
 ferritic stainless steel 1.4105 \_\_\_\_\_ .40  
 on demand (thread excluded M3,5)  
 austenitic stainless steel 1.4305 \_\_\_\_\_ .50  
 on demand (threads excluded M3,5-M8-M10)  
 brass \_\_\_\_\_ .80  
 on demand (threads excluded M3,5-M8-M10)

Finishing: steel bushings: zinc-plated  
 stainless steel bushings: natural  
 brass bushings: natural

Tolerances: ISO 2768 - m

Threading d1: ISO 6 H metric

Example: self-tapping Ensart series 303, M5 thread,  
 zinc-plated steel: 303 0050.16

