

SPECIFICATION

Stainless Steel AISI 304 NI

INFORMATION

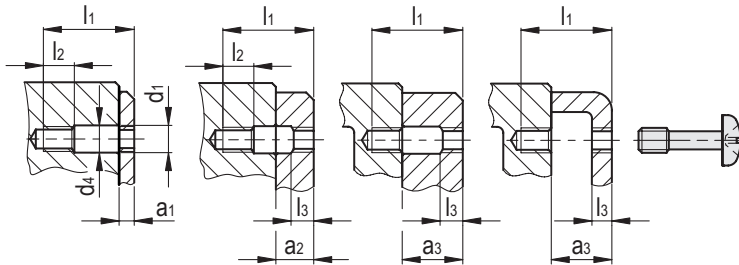
Pan head screws GN 7045.2 feature a recessed stud d3, making it easy to secure them against loss, such as in a cover.

Thus the "captivity of the mounting element" according to the Machinery Directive 2006 / 42 / EG is given.

When using, instead of a typical tapped and bore hole, it is necessary to provide tapped bores with a thread d1 on each of the two elements to be assembled. Additionally, a clearance bore of d4 on one or both sides must be cut. Depending on the design and required clamping length a1 ... a3 of the component being attached, there are a number of assembly options as shown above.

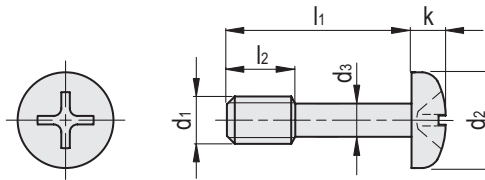


Assembly options



Conversion Table
1 mm = 0.039 inch

| d2 | |
|------|------|
| mm | inch |
| 5.5 | 0.21 |
| 7 | 0.27 |
| 9 | 0.35 |
| 10.5 | 0.41 |
| 14 | 0.55 |



| Code | Description | d1 | d2 | d3 -0.3 | d4 | a1 | a2 | a3 | k | l1 | l2 | l3 | Phillips drive | ⚖️ |
|----------|--------------------|-----|------|---------|-----|-------|--------|---------|-----|----|----|-----|----------------|----|
| GN.75701 | GN 7045.2-M3-12-NI | M 3 | 5.5 | 2.2 | 3.5 | 1.5-3 | 3-6.5 | 6.5-8 | 2 | 12 | 4 | 1.5 | PH 2 | 1 |
| GN.75702 | GN 7045.2-M3-16-NI | M 3 | 5.5 | 2.2 | 3.5 | 3-7 | 7-8 | 8-12 | 2 | 16 | 4 | 1.5 | PH 2 | 2 |
| GN.75705 | GN 7045.2-M4-16-NI | M 4 | 7 | 3 | 4.5 | 2-5 | 5-8 | 8-11 | 2.6 | 16 | 5 | 2 | PH 2 | 2 |
| GN.75706 | GN 7045.2-M4-20-NI | M 4 | 7 | 3 | 4.5 | 5-9 | 9-11 | 11-15 | 2.6 | 20 | 5 | 2 | PH 2 | 3 |
| GN.75711 | GN 7045.2-M5-20-NI | M 5 | 9 | 3.9 | 5.5 | 2.5-6 | 6-10.5 | 10.5-14 | 3.3 | 20 | 6 | 2.5 | PH 2 | 3 |
| GN.75712 | GN 7045.2-M5-25-NI | M 5 | 9 | 3.9 | 5.5 | 6-11 | 11-14 | 14-19 | 3.3 | 25 | 6 | 2.5 | PH 2 | 4 |
| GN.75715 | GN 7045.2-M6-25-NI | M 6 | 10.5 | 4.6 | 6.5 | 3-7 | 7-13 | 13-17 | 3.9 | 25 | 8 | 3 | PH 3 | 5 |
| GN.75716 | GN 7045.2-M6-30-NI | M 6 | 10.5 | 4.6 | 6.5 | 7-12 | 12-17 | 17-22 | 3.9 | 30 | 8 | 3 | PH 3 | 6 |
| GN.75721 | GN 7045.2-M8-30-NI | M 8 | 14 | 6.3 | 8.5 | 4-8 | 8-16 | 16-20 | 5.2 | 30 | 10 | 4 | PH 3 | 12 |
| GN.75722 | GN 7045.2-M8-35-NI | M 8 | 14 | 6.3 | 8.5 | 8-13 | 13-20 | 20-25 | 5.2 | 35 | 10 | 4 | PH 3 | 14 |
| GN.75723 | GN 7045.2-M8-40-NI | M 8 | 14 | 6.3 | 8.5 | 13-18 | 18-25 | 25-30 | 5.2 | 40 | 10 | 4 | PH 3 | 14 |