

PIULITE AUTOSERTIZATE

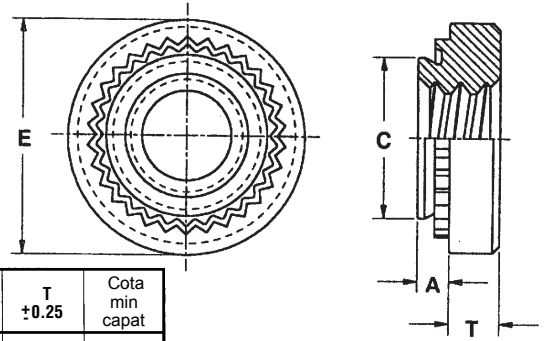
Tip S

SS

CLS

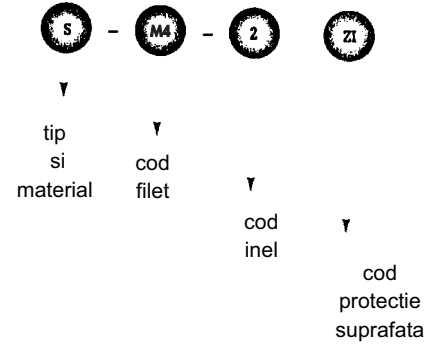
CLSS

Piulite standard
 pentru spectru larg de utilizare
 Material: oțel (zincat)
 oțel inox
 aliaj aluminiu



| Filet | Tip | | Cod filet | Cod inel | A max. | grosime minima tabla | ∅ in tabla + 0.08 | C max. | E ±0.25 | T ±0.25 | Cota min capat |
|-------------|------|-------------------|-------------------|-----------------|--------|----------------------|-------------------|--------|---------|---------|----------------|
| | otel | inox. oțel | | | | | | | | | |
| M2 X 0.4 | S | CLS ⁰⁵ | M2 | 0 | 0.76 | 0.8-1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | | | 1 | 0.97 | 1 | | | | | |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M2.5 X 0.45 | S | CLS | M2.5 | 0 | 0.76 | 0.8-1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | | | 1 | 0.97 | 1 | | | | | |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M3 X 0.5 | S | CLS | M3 | 0 | 0.76 | 0.8-1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | | | 1 | 0.97 | 1 | | | | | |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M3.5 X 0.6 | S | CLS | M3.5 | 0 | 0.76 | 0.8-1 | 4.75 | 4.73 | 7.1 | 1.5 | 5.6 |
| | | | | 1 | 0.97 | 1 | | | | | |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M4 X 0.7 | S | CLS | M4 | 0 | 0.76 | 0.8-1 | 5.4 | 5.38 | 7.9 | 2 | 6.9 |
| | | | | 1 | 0.97 | 1 | | | | | |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M5 X 0.8 | SS | CLSS | M5 | 0 | 0.76 | 0.8-1 | 6.4 | 6.38 | 8.7 | 2 | 7.1 |
| | | | | 1 | 0.97 | 1 | | | | | |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M6 X 1 | S | CLS | M6 | 0 ⁰⁵ | 1.15 | 1.2 | 8.75 | 8.72 | 11.05 | 4.08 | 8.6 |
| | | | | 1 | 1.37 | 1.4 | | | | | |
| | | | | 2 | 2.21 | 2.3 | | | | | |
| M8 X 1.25 | S | CLS ⁰⁵ | M8 | 1 | 1.37 | 1.4 | 10.5 | 10.47 | 12.65 | 5.47 | 9.7 |
| | | | | 2 | 2.21 | 2.3 | | | | | |
| | | | | 1 | 2.21 | 2.31 | | | | | |
| M10 X 1.5 | S | CLS | M10 ⁰⁵ | 2 | 3.05 | 3.18 | 14 | 13.97 | 17.35 | 7.48 | 13.5 |

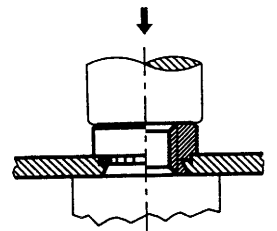
Compunere cod produs



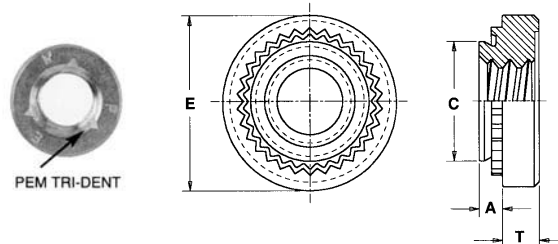
Tip CLA

| Filet | Tip | | Cod filet | Cod inel | A max. | grosime min. tabla | ∅ in tabla + 0.08 | C max. | E ±0.25 | T ±0.25 | Cota minima capat |
|------------|----------|--------------------|-----------|----------|--------|--------------------|-------------------|--------|---------|---------|-------------------|
| | Al aliaj | | | | | | | | | | |
| M2 X 0.4 | CLA | M2 ⁰⁵ | | 1 | 0.97 | 1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M3 X 0.5 | CLA | M3 | | 1 | 0.97 | 1 | 4.75 | 4.73 | 6.3 | 2 | 5.6 |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M3.5 X 0.6 | CLA | M3.5 ⁰⁵ | | 1 | 0.97 | 1 | 5.4 | 5.38 | 7.1 | 2 | 6.9 |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M4 X 0.7 | CLA | M4 | | 1 | 0.97 | 1 | 6 | 5.97 | 7.9 | 3 | 7.1 |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M5 X 0.8 | CLA | M5 ⁰⁵ | | 1 | 0.97 | 1 | 7.5 | 7.47 | 9.5 | 3.8 | 7.9 |
| | | | | 2 | 1.37 | 1.4 | | | | | |
| M6 X 1 | CLA | M6 ⁰⁵ | | 1 | 1.37 | 1.4 | 8.75 | 8.72 | 11.05 | 4.08 | 8.6 |
| | | | | 2 | 2.21 | 2.3 | | | | | |

MONTAJ

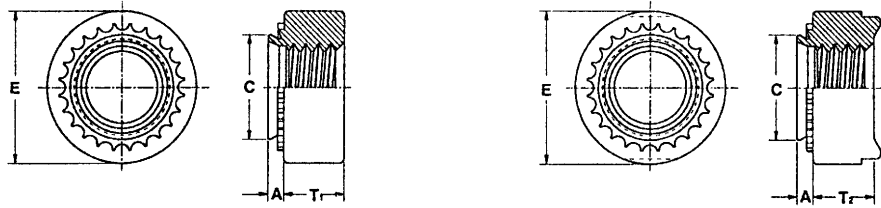


Tip SL oțel special



| Filet | TIP | Cod filet | Cod inel | A max. | Grosime minima tabla | ∅ in tabla + 0.08 | C Max. | E ±0.25 | T ±0.25 | Cota minima capat |
|------------|-----|-----------|----------|--------|----------------------|-------------------|--------|---------|---------|-------------------|
| M3 x 0.5 | SL | M3 | 1 | 0.97 | 1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M3.5 x 0.6 | SL | M3.5 | 1 | 0.97 | 1 | 4.75 | 4.73 | 7.1 | 1.5 | 5.6 |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M4 x 0.7 | SL | M4 | 1 | 0.97 | 1 | 5.4 | 5.38 | 7.9 | 2 | 6.9 |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M5 x 0.8 | SL | M5 | 1 | 0.97 | 1 | 6.4 | 6.38 | 8.7 | 2 | 7.1 |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M6 x 1 | SL | M6 | 1 | 1.37 | 1.4 | 8.75 | 8.72 | 11.05 | 4.08 | 8.6 |
| | | | 2 | 2.21 | 2.3 | | | | | |

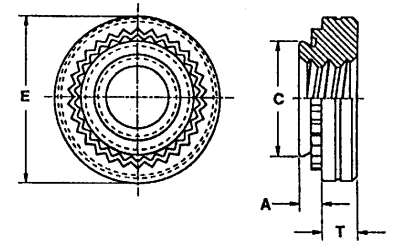
Tip H HN HNL



| Filet | Tip | | Cod filet | A max. | Grosime minima tabla | ∅ in tabla + 1.13 | C max. | E ±0.25 | T1 | T2 | Cota minima tabla |
|-----------|----------|-----|-----------|--------|----------------------|-------------------|--------|---------|-------|----------------|-------------------|
| | Speciale | | | | | | | | ±0.13 | Speciale ±0.25 | |
| M6 X 1 | NA | HNL | M6 | 1.48 | 1.48 | 8.75 | 8.72 | 12.7 | 5 | | 10 |
| M8 X 1.25 | NA | HNL | M8 | 1.48 | 1.48 | 10.5 | 10.47 | 14.6 | 6.3 | | 11 |
| M10 X 1.5 | H HN | HNL | M10 | 1.48 | 1.48 | 12.7 | 12.67 | 16.5 | 7.9 | | 12 |

Tip SP Piulite speciale pentru table din otel inox

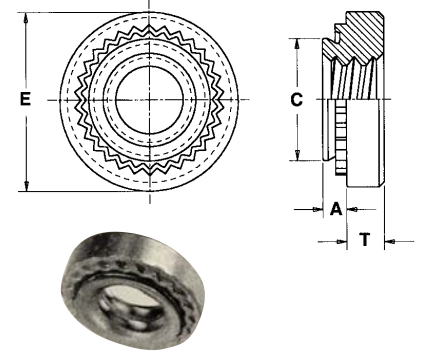
| Filet | Tip | Cod filet | Cod inel | A max. | Grosime mini tabla | ∅ in tabla + 0.08 | C max. | E ±0.25 | T ±0.25 | Cota minima capat |
|----------|-----|-----------|----------|--------|--------------------|-------------------|--------|---------|---------|-------------------|
| M3 X 0.5 | SP | M3 | 0 | 0.76 | 0.8-1 | 4.25 | 4.22 | 6.3 | 1.5 | 4.8 |
| | | | 1 | 0.97 | 1.01-1.39 | | | | | |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M4 X 0.7 | SP | M4 | 0 | 0.76 | 0.8-1 | 5.4 | 5.38 | 7.9 | 2 | 6.9 |
| | | | 1 | 0.97 | 1.01-1.39 | | | | | |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M5 X 0.8 | SP | M5 | 0 | 0.76 | 0.8-1 | 6.4 | 6.38 | 8.7 | 2 | 7.1 |
| | | | 1 | 0.97 | 1.01-1.39 | | | | | |
| | | | 2 | 1.37 | 1.4 | | | | | |
| M6 X 1 | SP | M6 | 1 | 1.37 | 1.4 | 8.75 | 8.72 | 11.1 | 4.1 | 8.6 |



Tip SMPS

- piulite speciale pentru table subtiri; permit montaj la distanta mai mica de marginea materialului

| Filet | Tip | Cod filet | A max. | Grosime minima tabla | ∅ in tabla + 0.08 | C Max. | E ±0.25 | T ±0.25 | Cota minima tabla |
|-------------|------|-----------|--------|----------------------|-------------------|--------|---------|---------|-------------------|
| M2.5 x 0.45 | SMPS | M2.5 | 0.61 | 0.63 | 3.8 | 3.79 | 5.6 | 1.4 | 4.6 |
| M3 x 0.5 | SMPS | M3 | 0.61 | 0.63 | 4.24 | 4.22 | 5.6 | 1.4 | 4.3 |
| M3.5 x 0.6 | SMPS | M3.5 | 0.61 | 0.63 | 4.75 | 4.72 | 6.4 | 1.4 | 5.1 |



Tip AS, AC

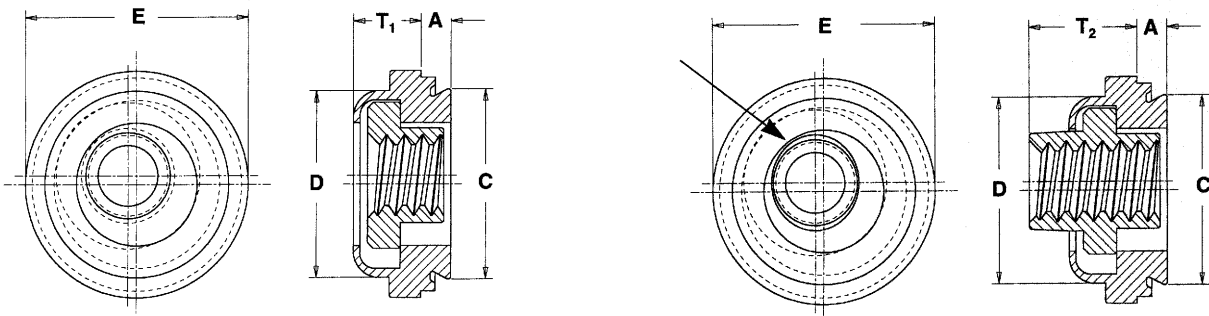
piulute flotante (in colivie)

Tip LAS, LAC-

piulute flotante (in colivie) autoblocante; previn desfiletarea surubului la vibratii fara saiba elastica

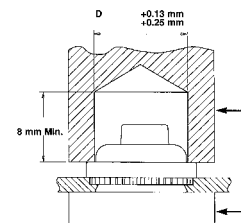
AS, AC

AUTOBLOCANTE LAS, LAC



| Filet | Tip | | | | Cod filet | Cod inel | A max. | Grosime minima tabla | ∅ in tabla + 0.08 | C max. | D max. | E ±0.04 | T1 Max. | T2 Max. | Cota min. capat |
|----------|------|-------|------|-------|-----------|----------|--------|----------------------|-------------------|--------|--------|---------|---------|---------|-----------------|
| | otel | inox. | otel | inox. | | | | | | | | | | | |
| M3 X 0.5 | AS | AC | LAS | LAC | M3 | 1 | 0.97 | 1 | 7.4 | 7.34 | 7.4 | 9.1 | 3.3 | 4.8 | 7.6 |
| | | | | | | 2 | 1.37 | 1.4 | | | | | | | |
| M4 X 0.7 | AS | AC | LAS | LAC | M4 | 1 | 0.97 | 1 | 9.4 | 9.32 | 9.3 | 11.2 | 3.3 | 5.3 | 8.6 |
| | | | | | | 2 | 1.37 | 1.4 | | | | | | | |
| M5 X 0.8 | AS | AC | LAS | LAC | M5 | 1 | 0.97 | 1 | 10.3 | 10.29 | 10.3 | 11.9 | 4.3 | 6.8 | 9 |
| | | | | | | 2 | 1.37 | 1.4 | | | | | | | |
| M6 X 1 | AS | AC | LAS | LAC | M6 | 2 | 1.37 | 1.4 | 13.1 | 13.06 | 13 | 15.3 | 5.3 | 7.9 | 11 |

MONTAJ



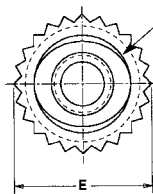
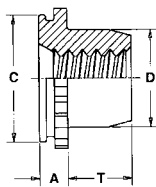
Tip U, FEOX, FEX

piulite autosertizate miniatura

Tip UL, FEO, FE

piulite autoblocante miniatura

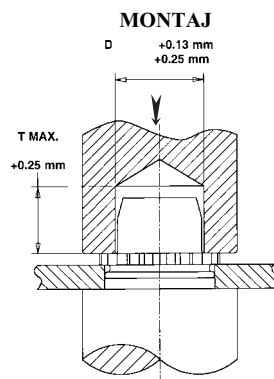
conforme MIL-N-45938/7)



Tip U, FEOX, FEX rotunde

Tip UL, FEO, FE eliptice

la un capat pentru autoblocarea surubului

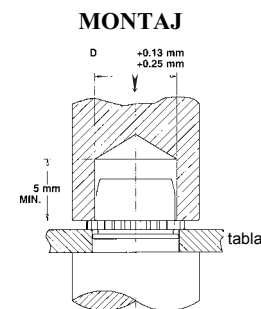
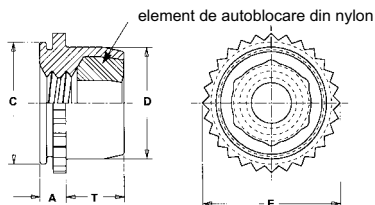


| Filet | Tip | | | Cod filet | Cod inel | A max. | Grosime tabla | Ø in tabla + 0.08 | C -0.13 | D max. | E ±0.03 | T +0.4 | T1 Max. | T2 Max. | Cota min. tabla |
|----------|------|------|-----|-------------------|----------|--------------|------------------------|-------------------|---------|--------|---------|--------|--------------|---------|-----------------|
| | U | FEOX | FEX | | | | | | | | | | | | |
| M2 X 0.4 | U | FEOX | FEX | M2 ^{5/8} | 1 | 0.79 1.02 | 0.79-0.91 0.99-1.14 | 3.6 | 3.58 | 2.5 | 4.07 | 1.65 | 0.08 0.13 | 2.8 | 2.5 |
| M3 X 0.5 | FEOX | FEO | FE | M3 | (4) | 1.53 | 1.5-1.78 | 4.4 | 4.34 | 3.96 | 4.88 | 1.9 | 0.17 | 3.6 | 3.5 |
| M4 X 0.7 | FEOX | FEO | FE | M4 | (4) | 1.02 1.53 | 0.99-1.14 1.5-1.78 | 7.4 | 7.34 | 5.23 | 8.17 | 2.55 | 0.5 0.54 | 5.2 | 4.5 |
| M5 X 0.8 | FEOX | FEO | FE | M5 | (4) | 1.02 1.53 | 0.99-1.14 1.5-1.78 | 7.4 | 7.34 | 6.48 | 8.17 | 3.05 | 0.55 0.59 | 5.2 | 5.5 |
| M6 X 1 | FEX | FE | FE | M6 ^{5/8} | (4) | 1.53 | 1.5-1.78 | 8.75 | 8.71 | 7.72 | 9.74 | 3.3 | 0.95 | 7.1 | 6.5 |

Tip PL, PLC

piulite autoblocante cu nylon

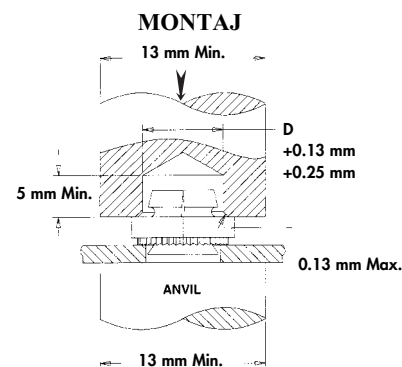
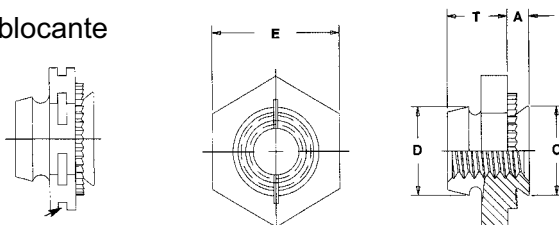
(conforme MIL-DTL-25027)



| Filet | Tip | | Cod filet | Cod inel | A max. | Grosime tabla | Ø in tabla + 0.08 | C Max. | D Max. | E Max. | T Max. | Cota min. capat |
|----------|------|------------|-----------|----------|----------|---------------|-------------------|--------|--------|--------|--------|-----------------|
| | otel | inox. otel | | | | | | | | | | |
| M3 x 0.5 | PL | PLC | M3 | 1.5 | 1.5-1.78 | 6 | 5.97 | 5.5 | 7.1 | 3.6 | 4.3 | 3.5 |
| M4 x 0.7 | PL | PLC | M4 | 1.5 | 1.5-1.78 | 7.5 | 7.47 | 7 | 8.6 | 4.2 | 5.6 | 4.5 |
| M5 x 0.8 | PL | PLC | M5 | 1.5 | 1.5-1.78 | 8 | 7.97 | 7.5 | 8.9 | 4.5 | 6.4 | 5.5 |

Tip LK piulite autoblocante

Autoblocare pina la temperatura de 140 C

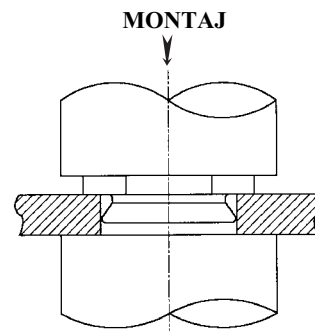
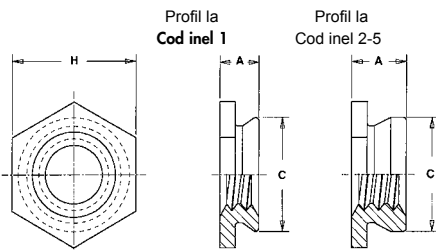


| Filet | Tip | | | Cod filet | Cod inel | A max. | Grosime min. tabla | Ø in tabla + 0.08 | C Max. | D Max. | E Norm. | T ±0.25 | Cota min. capat |
|-------------|------|------------|--------------------|---------------------|-----------------------|--------------|--------------------|-------------------|--------|--------|---------|---------|-----------------|
| | otel | inox. otel | Al-aliaj | | | | | | | | | | |
| M2.5 X 0.45 | LK | LKS | LKA | M2.5 ^{5/8} | 1 2 | 0.97 1.37 | 1 1.4 | 4.4 | 4.34 | 4.45 | 6.35 | 3.48 | 3.9 |
| M3 X 0.5 | LK | LKS | LKA ^{5/8} | M3 | 1 2 | 0.97 1.37 | 1 1.4 | 4.75 | 4.72 | 4.85 | 6.35 | 3.48 | 4 |
| M4 X 0.7 | LK | LKS | LKA ^{5/8} | M4 | 1 2 | 0.97 1.37 | 1 1.4 | 6.75 | 6.71 | 6.2 | 8.73 | 4.37 | 5.2 |
| M5 X 0.8 | LK | LKS | LKA ^{5/8} | M5 | 1 ^{5/8} 2 | 0.97 1.37 | 1 1.4 | 7.9 | 7.88 | 7.4 | 9.53 | 5.13 | 5.6 |

Tip F

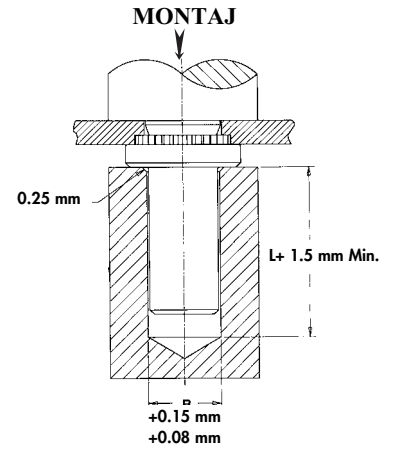
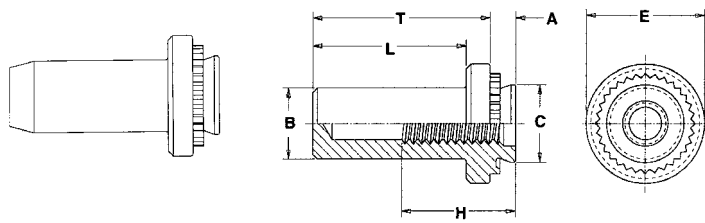
Piulita extra plata

(montata pe grosimea tablei)



| Filet | Tip | Cod filet | Cod inel | A max. | Grosime tabla | Ø in tabla + 0.08 | C Max. | H Norm. | cota min. capat |
|-----------|-----|-------------------|------------------|--------|---------------|-------------------|--------|---------|-----------------|
| M2x0.4 | F | M2 ^{5/8} | 1 | 1.5 | 1.5-2.3 | 4.4 | 4.34 | 4.8 | 6 |
| | | | 2 | 2.3 | 2.32-UP | | | | |
| M2.5x0.45 | F | M2.5 | 1 | 1.5 | 1.5-2.3 | 4.4 | 4.34 | 4.8 | 6 |
| | | | 2 | 2.3 | 2.32-UP | | | | |
| M3x0.5 | F | M3 | 1 | 1.5 | 1.5-2.3 | 4.4 | 4.34 | 4.8 | 6 |
| | | | 2 | 2.3 | 2.32-UP | | | | |
| M4x0.7 | F | M4 | 1 | 1.5 | 1.5-2.3 | 7.4 | 7.34 | 7.9 | 7.2 |
| | | | 2 | 2.3 | 2.32-UP | | | | |
| M5x0.8 | F | M5 | 1 | 1.5 | 1.5-2.3 | 7.9 | 7.87 | 8.7 | 8 |
| | | | 2 | 2.3 | 2.32-UP | | | | |
| M6x1 | F | M6 | 3 | 3.1 | 3.2-3.9 | 8.75 | 8.71 | 9.5 | 8.8 |
| | | | 4 | 3.9 | 4-4.7 | | | | |
| | | | 5 ^{5/8} | 4.7 | 4.72-UP | | | | |

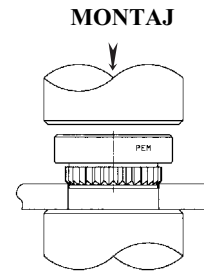
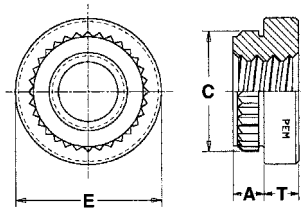
Typ B BS



| Filet | Tip | | Cod filet | Cod inel | A max. | grosime tabla | Ø in tabla + 0.08 | B Max. | C Max. | E ± 0.25 | L Max. | T ± 0.25 | Cota min. capat | |
|----------|------|------------|------------------|----------|--------|---------------|-------------------|--------|--------|----------|--------|----------|-----------------|-----|
| | ocel | inox. otel | | | | | | | | | | | | |
| M3 x 0.5 | B | BS | M3 ^{BS} | 1 | 0.97 | 1 | 4.25 | 3.8 | 4.22 | 6.35 | 5.3 | 8.5 | 9.6 | 4.8 |
| | | | | 2 | 1.37 | 1.4 | | | | | | | | |
| M4 x 0.7 | B | BS | M4 | 1 | 0.97 | 1 | 5.4 | 5.2 | 5.38 | 7.95 | 7.1 | 9.8 | 11.2 | 6.9 |
| | | | | 2 | 1.37 | 1.4 | | | | | | | | |
| M5 x 0.8 | B | BS | M5 | 1 | 0.97 | 1 | 6.4 | 6 | 6.38 | 8.75 | 6.8 | 9.8 | 11.2 | 7.1 |
| | | | | 2 | 1.37 | 1.4 | | | | | | | | |
| M6 x 1 | B | BS | M6 | 1 | 1.37 | 1.4 | 8.75 | 7.8 | 8.72 | 11.1 | 7.8 | 12.7 | 14.3 | 8.6 |
| | | | | 2 | 2.21 | 2.3 | | | | | | | | |

Tip KF2 KFS2

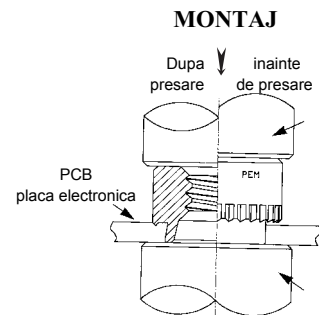
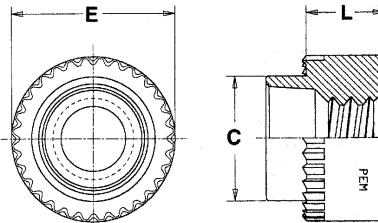
Piulite autosertizate pentru montaj in PCB si placi electronice



| Filet | Tip | | Cod filet | A max. | Grosime min. tabla | Ø in tabla + 0.08 | C ± 0.08 | E ± 0.13 | T ± 0.13 | Cota min capat |
|-------------|------|------------|-----------|--------|--------------------|-------------------|----------|----------|----------|----------------|
| | otel | inox. otel | | | | | | | | |
| M2 X 0.4 | KF2 | KFS2 | M2 | 1.5 | 1.5 | 3.7 | 4.19 | 5.56 | 1.5 | 4.2 |
| M2.5 X 0.45 | KF2 | KFS2 | M2.5 | 1.5 | 1.5 | 4.2 | 4.68 | 5.56 | 1.5 | 4.4 |
| M3 X 0.5 | KF2 | KFS2 | M3 | 1.5 | 1.5 | 4.2 | 4.68 | 5.56 | 1.5 | 4.4 |
| M4 X 0.7 | KF2 | KFS2 | M4 | 1.5 | 1.5 | 6.4 | 6.81 | 8.74 | 2 | 6.4 |
| M5 X 0.8 | KF2 | KFS2 | M5 | 1.5 | 1.5 | 6.9 | 7.37 | 9.53 | 3 | 7.1 |

Tip KPS6

Piulite autoexpandabile pentru PCB si placi electronice

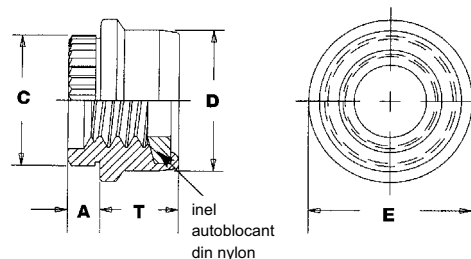


| Filet | Tip | Cod filet | Cod lungime "L" ± 0.13 | | | | | | grosime tabla | Ø | C Max. | E ± 0.13 |
|----------|------|-----------|------------------------|---|---|---|----|----|---------------|-----|--------|----------|
| | | | 3 | 4 | 6 | 8 | 10 | 12 | | | | |
| M3 X 0.5 | KPS6 | M3 | 3 | 4 | 6 | 8 | 10 | 12 | 1.42 - 1.65 | 4.2 | 4.12 | 5.56 |
| M4 X 0.7 | KPS6 | M4 | 3 | 4 | 6 | 8 | 10 | 12 | 1.42 - 1.65 | 6.4 | 6.32 | 8.74 |
| M5 X 0.8 | KPS6 | M5 | 3 | 4 | 6 | 8 | 10 | 12 | 1.42 - 1.65 | 6.9 | 6.82 | 9.52 |

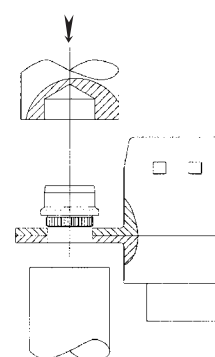
-asigura contact electric
-elimina riscul de dislocare a foliei imprimate prin gaura

Tip CFN

Piulite cu autoblocare la vibratii - aplicate in conexiuni conectori/cablu



MONTAJ



| Filet | Tip | Cod filet | Cod inel | Gros. | Ø in conector | A ± 0.08 | C ± 0.05 | D ± 0.1 | E +0.03 -0.1 | T Max. | Cota min. capat |
|-------|-----|-----------|----------|-------|---------------|----------|----------|---------|--------------|--------|-----------------|
| | | | | | | | | | | | |