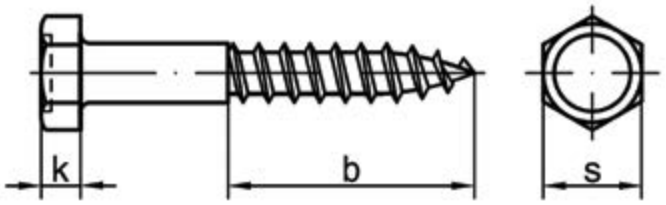
## Vis à bois

# DIN 571

## Vis à bois tête hexagonale TIREFOND




| Diamètre | 5 | 6 | 7 | 8 | 10 | 12 | 16 | 20 |
|---|---|---|---|---|---|---|---|---|
| b | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l |
| k | 3.5 | 4 | 5 | 5.5 | 7 | 8 | 10 | 13 |
| s | 8 | 10 | 12 | 13 | 17 | 19 | 24 | 30 |

### ACIER BRUT

| Diam x Lg | Cdt | Réf. TSR |
|---|---|---|
| 6 x 35 | 200 | 800.01.06035L |
| 6 x 40 | 200 | 800.01.06040L |
| 6 x 50 | 200 | 800.01.06050L |
| 6 x 60 | 200 | 800.01.06060L |
| 8 x 30 | 200 | 800.01.08030L |
| 8 x 40 | 200 | 800.01.08040L |
| 8 x 50 | 200 | 800.01.08050L |
| 8 x 60 | 200 | 800.01.08060L |
| 8 x 70 | 200 | 800.01.08070L |
| 10 x 50 | 100 | 800.01.10050L |
| 10 x 60 | 100 | 800.01.10060L |
| 10 x 70 | 100 | 800.01.10070L |
| 10 x 80 | 100 | 800.01.10080L |
| 10 x 100 | 100 | 800.01.10100L |
| 10 x 120 | 50 | 800.01.10120L |

### ACIER ZB

| Diam x Lg | Cdt | Réf. TSR |
|---|---|---|
| 5 x 20 | 500 | 800.02.05020L |
| 5 x 20 | 100 | 800.02.05020S |
| 5 x 25 | 500 | 800.02.05025L |
| 5 x 25 | 100 | 800.02.05025S |
| 5 x 30 | 500 | 800.02.05030L |
| 5 x 30 | 100 | 800.02.05030S |
| 5 x 35 | 200 | 800.02.05035L |
| 5 x 40 | 200 | 800.02.05040L |
| 5 x 45 | 200 | 800.02.05045L |
| 5 x 50 | 200 | 800.02.05050L |
| 5 x 60 | 200 | 800.02.05060L |
| 6 x 20 | 500 | 800.02.06020L |
| 6 x 20 | 100 | 800.02.06020S |
| 6 x 25 | 500 | 800.02.06025L |
| 6 x 25 | 100 | 800.02.06025S |
| 6 x 30 | 500 | 800.02.06030L |
| 6 x 30 | 100 | 800.02.06030S |
| 6 x 35 | 200 | 800.02.06035L |
| 6 x 40 | 200 | 800.02.06040L |
| 6 x 45 | 200 | 800.02.06045L |
| 6 x 50 | 200 | 800.02.06050L |
| 6 x 55 | 200 | 800.02.06055L |
| 6 x 60 | 200 | 800.02.06060L |
| 6 x 65 | 200 | 800.02.06065L |
| 6 x 70 | 200 | 800.02.06070L |
| 6 x 75 | 200 | 800.02.06075L |
| 6 x 80 | 200 | 800.02.06080L |
| 6 x 90 | 100 | 800.02.06090L |
| 6 x 100 | 100 | 800.02.06100L |
| 6 x 110 | 100 | 800.02.06110L |
| 6 x 120 | 100 | 800.02.06120L |
| 6 x 140 | 100 | 800.02.06140L |
| 8 x 25 | 200 | 800.02.08025L |
| 8 x 30 | 200 | 800.02.08030L |
| 8 x 35 | 200 | 800.02.08035L |
| 8 x 40 | 200 | 800.02.08040L |
| 8 x 45 | 200 | 800.02.08045L |
| 8 x 50 | 200 | 800.02.08050L |
| 8 x 55 | 200 | 800.02.08055L |
| 8 x 60 | 200 | 800.02.08060L |
| 8 x 65 | 200 | 800.02.08065L |
| 8 x 70 | 200 | 800.02.08070L |
| 8 x 75 | 200 | 800.02.08075L |
| 8 x 80 | 200 | 800.02.08080L |
| 8 x 90 | 100 | 800.02.08090L |
| 8 x 100 | 100 | 800.02.08100L |
| 8 x 110 | 100 | 800.02.08110L |
| 8 x 120 | 100 | 800.02.08120L |
| 8 x 130 | 100 | 800.02.08130L |
| 8 x 140 | 50 | 800.02.08140L |
| 8 x 150 | 50 | 800.02.08150L |
| 8 x 160 | 50 | 800.02.08160L |
| 8 x 180 | 50 | 800.02.08180L |
| 8 x 200 | 50 | 800.02.08200L |
| 10 x 30 | 200 | 800.02.10030L |
| 10 x 35 | 100 | 800.02.10035L |
| 10 x 40 | 100 | 800.02.10040L |
| 10 x 45 | 100 | 800.02.10045L |
| 10 x 50 | 100 | 800.02.10050L |
| 10 x 55 | 100 | 800.02.10055L |
| 10 x 60 | 100 | 800.02.10060L |
| 10 x 65 | 100 | 800.02.10065L |
| 10 x 70 | 100 | 800.02.10070L |
| 10 x 75 | 100 | 800.02.10075L |
| 10 x 80 | 100 | 800.02.10080L |
| 10 x 90 | 100 | 800.02.10090L |
| 10 x 100 | 100 | 800.02.10100L |
| 10 x 110 | 50 | 800.02.10110L |
| 10 x 120 | 50 | 800.02.10120L |
| 10 x 130 | 50 | 800.02.10130L |
| 10 x 140 | 50 | 800.02.10140L |
| 10 x 150 | 50 | 800.02.10150L |
| 10 x 160 | 50 | 800.02.10160L |
| 10 x 180 | 50 | 800.02.10180L |
| 10 x 200 | 50 | 800.02.10200L |
| 10 x 220 | 25 | 800.02.10220L |
| 10 x 240 | 25 | 800.02.10240L |
| 10 x 260 | 25 | 800.02.10260L |
| 10 x 280 | 25 | 800.02.10280L |
| 10 x 300 | 25 | 800.02.10300L |
| 12 x 40 | 100 | 800.02.12040L |
| 12 x 45 | 100 | 800.02.12045L |
| 12 x 50 | 100 | 800.02.12050L |
| 12 x 60 | 100 | 800.02.12060L |
| 12 x 65 | 50 | 800.02.12065L |
| 12 x 70 | 50 | 800.02.12070L |
| 12 x 75 | 50 | 800.02.12075L |
| 12 x 80 | 50 | 800.02.12080L |
| 12 x 90 | 50 | 800.02.12090L |
| 12 x 100 | 50 | 800.02.12100L |
| 12 x 110 | 50 | 800.02.12110L |
| 12 x 120 | 50 | 800.02.12120L |
| 12 x 130 | 50 | 800.02.12130L |
| 12 x 140 | 50 | 800.02.12140L |
| 12 x 150 | 50 | 800.02.12150L |
| 12 x 160 | 25 | 800.02.12160L |
| 12 x 180 | 25 | 800.02.12180L |
| 12 x 200 | 25 | 800.02.12200L |
| 12 x 220 | 25 | 800.02.12220L |
| 12 x 240 | 25 | 800.02.12240L |
| 12 x 260 | 25 | 800.02.12260L |
| 12 x 280 | 25 | 800.02.12280L |
| 12 x 300 | 25 | 800.02.12300L |
| 12 x 320 | 25 | 800.02.12320L |
| 12 x 340 | 25 | 800.02.12340L |
| 12 x 360 | 25 | 800.02.12360L |
| 12 x 380 | 25 | 800.02.12380L |
| 16 x 60 | 50 | 800.02.16060L |
| 16 x 70 | 25 | 800.02.16070L |
| 16 x 80 | 25 | 800.02.16080L |
| 16 x 90 | 25 | 800.02.16090L |
| 16 x 100 | 25 | 800.02.16100L |
| 16 x 110 | 25 | 800.02.16110L |
| 16 x 120 | 25 | 800.02.16120L |
| 16 x 130 | 25 | 800.02.16130L |
| 16 x 140 | 25 | 800.02.16140L |
| 16 x 150 | 25 | 800.02.16150L |
| 16 x 160 | 25 | 800.02.16160L |
| 16 x 180 | 25 | 800.02.16180L |
| 16 x 200 | 25 | 800.02.16200L |
| 16 x 220 | 25 | 800.02.16220L |
| 16 x 240 | 25 | 800.02.16240L |
| 16 x 260 | 25 | 800.02.16260L |
| 16 x 280 | 25 | 800.02.16280L |
| 16 x 300 | 25 | 800.02.16300L |
| 20 x 80 | 25 | 800.02.20080L |
| 20 x 100 | 25 | 800.02.20100L |
| 20 x 120 | 25 | 800.02.20120L |
| 20 x 150 | 25 | 800.02.20150L |
| 20 x 180 | 10 | 800.02.20180L |
| 20 x 200 | 10 | 800.02.20200L |

### ACIER GALVA À CHAUD

| Diam x Lg | Cdt | Réf. TSR |
|---|---|---|
| 6 x 35 | 200 | 800.07.06035L |
| 6 x 40 | 200 | 800.07.06040L |
| 6 x 50 | 200 | 800.07.06050L |
| 7 x 60 | 200 | 800.07.07060L |
| 7 x 70 | 200 | 800.07.07070L |
| 7 x 80 | 200 | 800.07.07080L |
| 7 x 90 | 200 | 800.07.07090L |
| 7 x 100 | 100 | 800.07.07100L |
| 7 x 110 | 100 | 800.07.07110L |
| 7 x 120 | 100 | 800.07.07120L |
| 7 x 130 | 100 | 800.07.07130L |
| 8 x 40 | 200 | 800.07.08040L |
| 8 x 50 | 200 | 800.07.08050L |
| 8 x 60 | 200 | 800.07.08060L |
| 8 x 65 | 200 | 800.07.08065L |
| 8 x 70 | 200 | 800.07.08070L |
| 8 x 80 | 200 | 800.07.08080L |
| 8 x 100 | 100 | 800.07.08100L |
| 8 x 140 | 50 | 800.07.08140L |
| 10 x 40 | 100 | 800.07.10040L |
| 10 x 50 | 100 | 800.07.10050L |
| 10 x 60 | 100 | 800.07.10060L |
| 10 x 70 | 100 | 800.07.10070L |
| 10 x 80 | 100 | 800.07.10080L |
| 10 x 90 | 100 | 800.07.10090L |
| 10 x 100 | 100 | 800.07.10100L |
| 10 x 120 | 50 | 800.07.10120L |
| 10 x 140 | 50 | 800.07.10140L |
| 10 x 150 | 50 | 800.07.10150L |
| 12 x 70 | 50 | 800.07.12070L |
| 12 x 80 | 50 | 800.07.12080L |
| 12 x 100 | 50 | 800.07.12100L |
| 12 x 120 | 50 | 800.07.12120L |
| 12 x 140 | 50 | 800.07.12140L |
| 12 x 150 | 50 | 800.07.12150L |
| 12 x 180 | 25 | 800.07.12180L |

### INOX A2

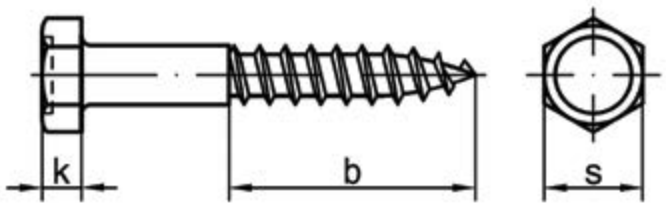
| Diam x Lg | Cdt | Réf. TSR |
|---|---|---|
| 5 x 25 | 100 | 800.31.05025L |
| 5 x 30 | 100 | 800.31.05030L |
| 5 x 35 | 100 | 800.31.05035L |
| 5 x 40 | 100 | 800.31.05040L |
| 5 x 45 | 100 | 800.31.05045L |
| 5 x 50 | 50 | 800.31.05050L |
| 5 x 60 | 50 | 800.31.05060L |
| 5 x 70 | 50 | 800.31.05070L |
| 6 x 20 | 25 | 800.31.06020L |



contact@tsr-industrie.fr - tél. : 03 27 26 12 10 - fax : 03 27 46 85 12

# SUITE
# DIN 571

## Vis à bois tête hexagonale
## TIREFOND




| Diamètre | 5 | 6 | 7 | 8 | 10 | 12 | 16 | 20 |
|---|---|---|---|---|---|---|---|---|
| b | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l | > 0.6 l |
| k | 3.5 | 4 | 5 | 5.5 | 7 | 8 | 10 | 13 |
| s | 8 | 10 | 12 | 13 | 17 | 19 | 24 | 30 |

### INOX A2 SUITE

| Diam x Lg | Cdt | Réf. TSR |
|---|---|---|
| 6 x 25 | 25 | 800.31.06025L |
| 6 x 30 | 200 | 800.31.06030L |
| 6 x 30 | 25 | 800.31.06030S |
| 6 x 35 | 25 | 800.31.06035L |
| 6 x 40 | 200 | 800.31.06040L |
| 6 x 40 | 25 | 800.31.06040S |
| 6 x 45 | 25 | 800.31.06045L |
| 6 x 50 | 200 | 800.31.06050L |
| 6 x 50 | 25 | 800.31.06050S |
| 6 x 60 | 100 | 800.31.06060L |
| 6 x 60 | 25 | 800.31.06060S |
| 6 x 70 | 100 | 800.31.06070L |
| 6 x 70 | 25 | 800.31.06070S |
| 6 x 80 | 100 | 800.31.06080L |
| 6 x 80 | 25 | 800.31.06080S |
| 6 x 90 | 25 | 800.31.06090L |
| 6 x 100 | 25 | 800.31.06100L |
| 6 x 110 | 25 | 800.31.06110L |
| 6 x 120 | 25 | 800.31.06120L |
| 6 x 130 | 25 | 800.31.06130L |
| 8 x 25 | 25 | 800.31.08025L |
| 8 x 30 | 25 | 800.31.08030L |
| 8 x 35 | 25 | 800.31.08035L |
| 8 x 40 | 100 | 800.31.08040L |
| 8 x 40 | 10 | 800.31.08040S |
| 8 x 45 | 10 | 800.31.08045L |
| 8 x 50 | 100 | 800.31.08050L |
| 8 x 50 | 10 | 800.31.08050S |
| 8 x 55 | 100 | 800.31.08055L |
| 8 x 55 | 10 | 800.31.08055S |
| 8 x 60 | 100 | 800.31.08060L |
| 8 x 60 | 10 | 800.31.08060S |
| 8 x 70 | 100 | 800.31.08070L |
| 8 x 70 | 10 | 800.31.08070S |
| 8 x 80 | 100 | 800.31.08080L |
| 8 x 80 | 10 | 800.31.08080S |
| 8 x 90 | 10 | 800.31.08090L |
| 8 x 100 | 100 | 800.31.08100L |
| 8 x 100 | 10 | 800.31.08100S |
| 8 x 110 | 10 | 800.31.08110L |
| 8 x 120 | 10 | 800.31.08120L |
| 8 x 130 | 1 | 800.31.08130L |
| 8 x 140 | 10 | 800.31.08140L |
| 8 x 150 | 10 | 800.31.08150L |
| 8 x 160 | 10 | 800.31.08160L |
| 8 x 180 | 10 | 800.31.08180L |
| 10 x 40 | 10 | 800.31.10040L |
| 10 x 50 | 100 | 800.31.10050L |
| 10 x 50 | 10 | 800.31.10050S |
| 10 x 60 | 100 | 800.31.10060L |
| 10 x 60 | 10 | 800.31.10060S |
| 10 x 70 | 100 | 800.31.10070L |
| 10 x 70 | 10 | 800.31.10070S |
| 10 x 80 | 100 | 800.31.10080L |
| 10 x 80 | 10 | 800.31.10080S |
| 10 x 90 | 10 | 800.31.10090L |
| 10 x 100 | 100 | 800.31.10100L |
| 10 x 100 | 10 | 800.31.10100S |
| 10 x 110 | 10 | 800.31.10110L |
| 10 x 120 | 10 | 800.31.10120L |
| 10 x 130 | 10 | 800.31.10130L |
| 10 x 140 | 1 | 800.31.10140L |
| 10 x 150 | 10 | 800.31.10150L |
| 10 x 160 | 1 | 800.31.10160L |
| 10 x 180 | 10 | 800.31.10180L |
| 10 x 200 | 1 | 800.31.10200L |
| 12 x 50 | 10 | 800.31.12050L |
| 12 x 60 | 10 | 800.31.12060L |
| 12 x 70 | 10 | 800.31.12070L |
| 12 x 80 | 10 | 800.31.12080L |
| 12 x 90 | 10 | 800.31.12090L |
| 12 x 100 | 10 | 800.31.12100L |
| 12 x 110 | 10 | 800.31.12110L |
| 12 x 120 | 10 | 800.31.12120L |
| 12 x 130 | 10 | 800.31.12130L |
| 12 x 140 | 10 | 800.31.12140L |
| 12 x 150 | 10 | 800.31.12150L |
| 12 x 160 | 10 | 800.31.12160L |
| 12 x 180 | 10 | 800.31.12180L |
| 12 x 200 | 10 | 800.31.12200L |
| 16 x 70 | 10 | 800.31.16070L |
| 16 x 80 | 10 | 800.31.16080L |
| 16 x 90 | 10 | 800.31.16090L |
| 16 x 100 | 10 | 800.31.16100L |
| 16 x 110 | 10 | 800.31.16110L |
| 16 x 120 | 10 | 800.31.16120L |
| 16 x 130 | 10 | 800.31.16130L |
| 16 x 140 | 10 | 800.31.16140L |
| 16 x 150 | 10 | 800.31.16150L |
| 16 x 160 | 10 | 800.31.16160L |
| 16 x 180 | 10 | 800.31.16180L |
| 16 x 200 | 10 | 800.31.16200L |

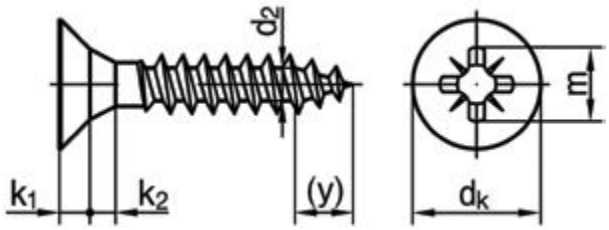
### INOX A4

| Diam x Lg | Cdt | Réf. TSR |
|---|---|---|
| 5 x 25 | 200 | 800.32.05025L |
| 5 x 30 | 200 | 800.32.05030L |
| 5 x 35 | 200 | 800.32.05035L |
| 5 x 40 | 200 | 800.32.05040L |
| 5 x 45 | 200 | 800.32.05045L |
| 5 x 50 | 200 | 800.32.05050L |
| 5 x 60 | 200 | 800.32.05060L |
| 5 x 70 | 200 | 800.32.05070L |
| 6 x 25 | 200 | 800.32.06025L |
| 6 x 30 | 200 | 800.32.06030L |
| 6 x 35 | 200 | 800.32.06035L |
| 6 x 40 | 200 | 800.32.06040L |
| 6 x 45 | 200 | 800.32.06045L |
| 6 x 50 | 200 | 800.32.06050L |
| 6 x 60 | 200 | 800.32.06060L |
| 6 x 70 | 200 | 800.32.06070L |
| 6 x 80 | 200 | 800.32.06080L |
| 6 x 90 | 100 | 800.32.06090L |
| 6 x 100 | 100 | 800.32.06100L |
| 6 x 110 | 100 | 800.32.06110L |
| 6 x 120 | 100 | 800.32.06120L |
| 6 x 130 | 100 | 800.32.06130L |
| 8 x 25 | 100 | 800.32.08025L |
| 8 x 30 | 100 | 800.32.08030L |
| 8 x 35 | 100 | 800.32.08035L |
| 8 x 40 | 100 | 800.32.08040L |
| 8 x 45 | 100 | 800.32.08045L |
| 8 x 50 | 100 | 800.32.08050L |
| 8 x 60 | 100 | 800.32.08060L |
| 8 x 70 | 100 | 800.32.08070L |
| 8 x 80 | 100 | 800.32.08080L |
| 8 x 90 | 100 | 800.32.08090L |
| 8 x 100 | 100 | 800.32.08100L |
| 8 x 110 | 100 | 800.32.08110L |
| 8 x 120 | 100 | 800.32.08120L |
| 8 x 130 | 100 | 800.32.08130L |
| 8 x 140 | 100 | 800.32.08140L |
| 8 x 150 | 100 | 800.32.08150L |
| 8 x 160 | 100 | 800.32.08160L |
| 8 x 180 | 100 | 800.32.08180L |
| 10 x 40 | 100 | 800.32.10040L |
| 10 x 50 | 100 | 800.32.10050L |
| 10 x 60 | 100 | 800.32.10060L |
| 10 x 70 | 100 | 800.32.10070L |
| 10 x 80 | 100 | 800.32.10080L |
| 10 x 90 | 100 | 800.32.10090L |
| 10 x 100 | 100 | 800.32.10100L |
| 10 x 120 | 50 | 800.32.10120L |
| 10 x 130 | 50 | 800.32.10130L |
| 10 x 140 | 50 | 800.32.10140L |
| 10 x 150 | 50 | 800.32.10150L |
| 10 x 160 | 50 | 800.32.10160L |
| 10 x 180 | 50 | 800.32.10180L |
| 12 x 50 | 50 | 800.32.12050L |
| 12 x 60 | 50 | 800.32.12060L |
| 12 x 70 | 50 | 800.32.12070L |
| 12 x 80 | 50 | 800.32.12080L |
| 12 x 90 | 50 | 800.32.12090L |
| 12 x 100 | 50 | 800.32.12100L |
| 12 x 110 | 50 | 800.32.12110L |
| 12 x 120 | 25 | 800.32.12120L |
| 12 x 130 | 50 | 800.32.12130L |
| 12 x 140 | 25 | 800.32.12140L |
| 12 x 150 | 25 | 800.32.12150L |
| 12 x 160 | 25 | 800.32.12160L |
| 12 x 180 | 25 | 800.32.12180L |
| 12 x 200 | 25 | 800.32.12200L |
| 16 x 70 | 10 | 800.32.16070L |
| 16 x 80 | 10 | 800.32.16080L |
| 16 x 90 | 10 | 800.32.16090L |
| 16 x 100 | 10 | 800.32.16100L |
| 16 x 110 | 10 | 800.32.16110L |
| 16 x 120 | 10 | 800.32.16120L |
| 16 x 130 | 10 | 800.32.16130L |
| 16 x 140 | 10 | 800.32.16140L |
| 16 x 150 | 10 | 800.32.16150L |
| 16 x 160 | 10 | 800.32.16160L |
| 16 x 180 | 10 | 800.32.16180L |
| 16 x 200 | 10 | 800.32.16200L |

## Vis à bois

# Art. 810

## Vis à bois aggloméré tête fraisée
## Empreinte pozidriv - Filetage total




| Dimensions | ST 3 | ST 3.5 | ST 4 | ST 4.5 | ST 5 | ST 6 |
|---|---|---|---|---|---|---|
| d2 | 1.9 | 2,5 | 2.67 | 2.7 | 3 | 3.7 |
| dk | 6 | 7 | 8 | 9 | 10 | 12 |
| k1 max. | 1.9 | 2.1 | 2,5 | 2.7 | 3 | 3.6 |
| k2 max. | 1.6 | 1.8 | 2 | 2,2 | 2,5 | 3 |
| y | 3 | 3.4 | 4 | 4,3 | 4.8 | 5.7 |
| Cruciforme | 1 | 2 | 2 | 2 | 2 | 3 |

### ACIER ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 10 | 1000 | 810.02.30010L |
| 3 x 12 | 1000 | 810.02.30012L |
| 3 x 16 | 1000 | 810.02.30016L |
| 3 x 20 | 1000 | 810.02.30020L |
| 3 x 25 | 1000 | 810.02.30025L |
| 3 x 30 | 1000 | 810.02.30030L |
| 3 x 35 | 1000 | 810.02.30035L |
| 3 x 40 | 1000 | 810.02.30040L |
| 3 x 45 | 1000 | 810.02.30045L |
| 3,5 x 12 | 1000 | 810.02.35012L |
| 3,5 x 16 | 1000 | 810.02.35016L |
| 3,5 x 20 | 1000 | 810.02.35020L |
| 3,5 x 25 | 1000 | 810.02.35025L |
| 3,5 x 30 | 1000 | 810.02.35030L |
| 3,5 x 35 | 1000 | 810.02.35035L |
| 3,5 x 40 | 1000 | 810.02.35040L |
| 3,5 x 45 | 1000 | 810.02.35045L |
| 3,5 x 50 | 500 | 810.02.35050L |
| 4 x 16 | 1000 | 810.02.40016L |
| 4 x 20 | 1000 | 810.02.40020L |
| 4 x 25 | 1000 | 810.02.40025L |
| 4 x 30 | 1000 | 810.02.40030L |
| 4 x 35 | 1000 | 810.02.40035L |
| 4 x 40 | 1000 | 810.02.40040L |
| 4 x 45 | 500 | 810.02.40045L |
| 4 x 50 | 500 | 810.02.40050L |
| 4 x 55 | 500 | 810.02.40055L |
| 4 x 60 | 500 | 810.02.40060L |
| 4,5 x 16 | 1000 | 810.02.45016L |
| 4,5 x 20 | 1000 | 810.02.45020L |
| 4,5 x 25 | 1000 | 810.02.45025L |
| 4,5 x 30 | 1000 | 810.02.45030L |
| 4,5 x 35 | 500 | 810.02.45035L |
| 4,5 x 40 | 500 | 810.02.45040L |
| 4,5 x 45 | 500 | 810.02.45045L |
| 4,5 x 50 | 500 | 810.02.45050L |
| 4,5 x 55 | 500 | 810.02.45055L |
| 4,5 x 60 | 500 | 810.02.45060L |
| 4,5 x 70 | 500 | 810.02.45070L |
| 5 x 20 | 1000 | 810.02.50020L |
| 5 x 25 | 1000 | 810.02.50025L |
| 5 x 30 | 500 | 810.02.50030L |
| 5 x 35 | 500 | 810.02.50035L |
| 5 x 40 | 500 | 810.02.50040L |
| 5 x 45 | 500 | 810.02.50045L |
| 5 x 50 | 500 | 810.02.50050L |
| 5 x 55 | 500 | 810.02.50055L |
| 5 x 60 | 500 | 810.02.50060L |
| 5 x 70 | 200 | 810.02.50070L |
| 6 x 30 | 500 | 810.02.60030L |
| 6 x 40 | 500 | 810.02.60040L |
| 6 x 50 | 200 | 810.02.60050L |
| 6 x 60 | 200 | 810.02.60060L |
| 6 x 70 | 200 | 810.02.60070L |

### ACIER 8.8 ZJ

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 12 | 1000 | 810.03.30012L |
| 3 x 16 | 1000 | 810.03.30016L |
| 3 x 20 | 1000 | 810.03.30020L |
| 3 x 25 | 1000 | 810.03.30025L |
| 3 x 30 | 1000 | 810.03.30030L |
| 3 x 35 | 1000 | 810.03.30035L |
| 3 x 40 | 1000 | 810.03.30040L |
| 3,5 x 12 | 1000 | 810.03.35012L |
| 3,5 x 16 | 1000 | 810.03.35016L |
| 3,5 x 20 | 1000 | 810.03.35020L |
| 3,5 x 25 | 1000 | 810.03.35025L |
| 3,5 x 30 | 1000 | 810.03.35030L |
| 3,5 x 35 | 1000 | 810.03.35035L |
| 3,5 x 40 | 1000 | 810.03.35040L |
| 3,5 x 45 | 1000 | 810.03.35045L |
| 3,5 x 50 | 500 | 810.03.35050L |
| 4 x 16 | 1000 | 810.03.40016L |
| 4 x 20 | 1000 | 810.03.40020L |
| 4 x 25 | 1000 | 810.03.40025L |
| 4 x 30 | 1000 | 810.03.40030L |
| 4 x 35 | 1000 | 810.03.40035L |
| 4 x 40 | 1000 | 810.03.40040L |
| 4 x 45 | 500 | 810.03.40045L |
| 4 x 50 | 500 | 810.03.40050L |
| 4 x 60 | 500 | 810.03.40060L |
| 4,5 x 20 | 1000 | 810.03.45020L |
| 4,5 x 25 | 1000 | 810.03.45025L |
| 4,5 x 30 | 1000 | 810.03.45030L |
| 4,5 x 35 | 500 | 810.03.45035L |
| 4,5 x 40 | 500 | 810.03.45040L |
| 4,5 x 45 | 500 | 810.03.45045L |
| 4,5 x 50 | 500 | 810.03.45050L |
| 4,5 x 55 | 500 | 810.03.45055L |
| 4,5 x 60 | 500 | 810.03.45060L |
| 4,5 x 70 | 500 | 810.03.45070L |
| 5 x 25 | 1000 | 810.03.50025L |
| 5 x 30 | 500 | 810.03.50030L |
| 5 x 35 | 500 | 810.03.50035L |
| 5 x 40 | 500 | 810.03.50040L |
| 5 x 45 | 500 | 810.03.50045L |
| 5 x 50 | 500 | 810.03.50050L |
| 5 x 55 | 500 | 810.03.50055L |
| 5 x 60 | 500 | 810.03.50060L |
| 5 x 70 | 200 | 810.03.50070L |
| 6 x 40 | 500 | 810.03.60040L |
| 6 x 50 | 200 | 810.03.60050L |
| 6 x 60 | 200 | 810.03.60060L |
| 6 x 70 | 200 | 810.03.60070L |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 12 | 1000 | 810.31.30012L |
| 3 x 12 | 200 | 810.31.30012S |
| 3 x 16 | 1000 | 810.31.30016L |
| 3 x 16 | 200 | 810.31.30016S |
| 3 x 20 | 1000 | 810.31.30020L |
| 3 x 20 | 200 | 810.31.30020S |
| 3 x 25 | 1000 | 810.31.30025L |
| 3 x 25 | 200 | 810.31.30025S |
| 3 x 30 | 1000 | 810.31.30030L |
| 3 x 30 | 200 | 810.31.30030S |
| 3,5 x 16 | 1000 | 810.31.35016L |
| 3,5 x 16 | 200 | 810.31.35016S |
| 3,5 x 20 | 1000 | 810.31.35020L |
| 3,5 x 20 | 200 | 810.31.35020S |
| 3,5 x 25 | 1000 | 810.31.35025L |
| 3,5 x 25 | 200 | 810.31.35025S |
| 3,5 x 30 | 1000 | 810.31.35030L |
| 3,5 x 30 | 200 | 810.31.35030S |
| 3,5 x 35 | 1000 | 810.31.35035L |
| 3,5 x 35 | 200 | 810.31.35035S |
| 3,5 x 40 | 1000 | 810.31.35040L |
| 3,5 x 40 | 200 | 810.31.35040S |
| 3,5 x 45 | 1000 | 810.31.35045L |
| 3,5 x 45 | 200 | 810.31.35045S |
| 3,5 x 50 | 1000 | 810.31.35050L |
| 3,5 x 50 | 200 | 810.31.35050S |
| 4 x 16 | 1000 | 810.31.40016L |
| 4 x 16 | 200 | 810.31.40016S |
| 4 x 20 | 1000 | 810.31.40020L |
| 4 x 20 | 200 | 810.31.40020S |
| 4 x 25 | 1000 | 810.31.40025L |
| 4 x 25 | 200 | 810.31.40025S |
| 4 x 30 | 1000 | 810.31.40030L |
| 4 x 30 | 200 | 810.31.40030S |
| 4 x 35 | 1000 | 810.31.40035L |
| 4 x 35 | 200 | 810.31.40035S |
| 4 x 40 | 1000 | 810.31.40040L |
| 4 x 40 | 200 | 810.31.40040S |
| 4 x 45 | 1000 | 810.31.40045L |
| 4 x 45 | 200 | 810.31.40045S |
| 4 x 50 | 1000 | 810.31.40050L |
| 4 x 50 | 200 | 810.31.40050S |
| 4 x 60 | 500 | 810.31.40060L |
| 4 x 60 | 100 | 810.31.40060S |
| 4 x 70 | 500 | 810.31.40070L |
| 4 x 70 | 100 | 810.31.40070S |
| 4 x 80 | 500 | 810.31.40080L |
| 4 x 80 | 100 | 810.31.40080S |
| 4,5 x 20 | 1000 | 810.31.45020L |
| 4,5 x 20 | 200 | 810.31.45020S |
| 4,5 x 25 | 1000 | 810.31.45025L |
| 4,5 x 25 | 200 | 810.31.45025S |
| 4,5 x 30 | 1000 | 810.31.45030L |
| 4,5 x 30 | 200 | 810.31.45030S |
| 4,5 x 35 | 500 | 810.31.45035L |
| 4,5 x 35 | 200 | 810.31.45035S |
| 4,5 x 40 | 500 | 810.31.45040L |
| 4,5 x 40 | 200 | 810.31.45040S |
| 4,5 x 45 | 500 | 810.31.45045L |
| 4,5 x 45 | 200 | 810.31.45045S |
| 4,5 x 50 | 500 | 810.31.45050L |
| 4,5 x 50 | 200 | 810.31.45050S |
| 4,5 x 60 | 500 | 810.31.45060L |
| 4,5 x 60 | 100 | 810.31.45060S |
| 4,5 x 70 | 500 | 810.31.45070L |
| 4,5 x 70 | 100 | 810.31.45070S |
| 5 x 20 | 1000 | 810.31.50020L |
| 5 x 20 | 200 | 810.31.50020S |
| 5 x 25 | 1000 | 810.31.50025L |
| 5 x 25 | 200 | 810.31.50025S |
| 5 x 30 | 1000 | 810.31.50030L |
| 5 x 30 | 200 | 810.31.50030S |
| 5 x 35 | 1000 | 810.31.50035L |
| 5 x 35 | 200 | 810.31.50035S |
| 5 x 40 | 1000 | 810.31.50040L |
| 5 x 40 | 200 | 810.31.50040S |
| 5 x 50 | 1000 | 810.31.50050L |
| 5 x 50 | 200 | 810.31.50050S |
| 5 x 60 | 500 | 810.31.50060L |
| 5 x 60 | 100 | 810.31.50060S |
| 5 x 70 | 500 | 810.31.50070L |
| 5 x 70 | 100 | 810.31.50070S |



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*Art. 810 - suite*

## INOX A2 SUITE

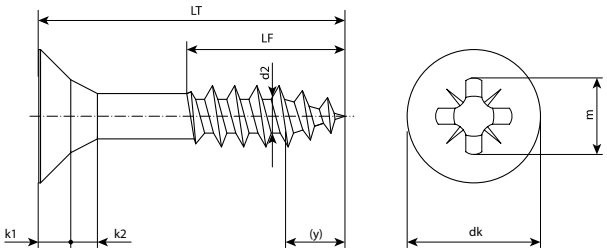
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 5 x 80 | 500 | 810.31.50080L |
| 5 x 80 | 100 | 810.31.50080S |
| 5 x 90 | 200 | 810.31.50090L |
| 5 x 90 | 100 | 810.31.50090S |
| 5 x 100 | 200 | 810.31.50100L |
| 5 x 100 | 100 | 810.31.50100S |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 6 x 40 | 500 | 810.31.60040L |
| 6 x 40 | 200 | 810.31.60040S |
| 6 x 50 | 200 | 810.31.60050L |
| 6 x 60 | 200 | 810.31.60060L |
| 6 x 60 | 100 | 810.31.60060S |
| 6 x 70 | 200 | 810.31.60070L |
| 6 x 70 | 100 | 810.31.60070S |
| 6 x 80 | 200 | 810.31.60080L |
| 6 x 80 | 100 | 810.31.60080S |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 6 x 90 | 200 | 810.31.60090L |
| 6 x 90 | 100 | 810.31.60090S |
| 6 x 100 | 100 | 810.31.60100L |
| 6 x 110 | 100 | 810.31.60110L |
| 6 x 120 | 100 | 810.31.60120L |
| 6 x 130 | 100 | 810.31.60130L |
| 6 x 140 | 100 | 810.31.60140L |
| 6 x 150 | 100 | 810.31.60150L |

# Art. 811

## Vis à bois aggloméré tête fraisée
## Empreinte pozidriv - Filetage partiel




| Dimensions | ST 3 | ST 3.5 | ST 4 | ST 4.5 | ST 5 | ST 6 |
|---|---|---|---|---|---|---|
| d2 | 1.9 | 2,5 | 2.67 | 2.7 | 3 | 3.7 |
| dk | 6 | 7 | 8 | 9 | 10 | 12 |
| k1 max. | 1.9 | 2.1 | 2,5 | 2.7 | 3 | 3.6 |
| k2 max. | 1.6 | 1.8 | 2 | 2,2 | 2,5 | 3 |
| y | 3 | 3.4 | 4 | 4,3 | 4.8 | 5.7 |
| Cruciforme | 1 | 2 | 2 | 2 | 2 | 3 |

## ACIER ZB

| Diam x LT | LF | Cdt | Réf. TSR |
|---|---|---|---|
| 3 x 30 | 18 | 1000 | 811.02.30030L |
| 3 x 35 | 21 | 1000 | 811.02.30035L |
| 3 x 40 | 24 | 1000 | 811.02.30040L |
| 3 x 45 | 27 | 1000 | 811.02.30045L |
| 3,5 x 30 | 18 | 1000 | 811.02.35030L |
| 3,5 x 35 | 21 | 1000 | 811.02.35035L |
| 3,5 x 40 | 24 | 1000 | 811.02.35040L |
| 3,5 x 45 | 27 | 1000 | 811.02.35045L |
| 3,5 x 50 | 30 | 500 | 811.02.35050L |
| 4 x 30 | 18 | 1000 | 811.02.40030L |
| 4 x 35 | 21 | 1000 | 811.02.40035L |
| 4 x 40 | 24 | 1000 | 811.02.40040L |
| 4 x 45 | 27 | 500 | 811.02.40045L |
| 4 x 50 | 30 | 500 | 811.02.40050L |
| 4 x 55 | 33 | 500 | 811.02.40055L |
| 4 x 60 | 36 | 500 | 811.02.40060L |
| 4 x 70 | 42 | 200 | 811.02.40070L |
| 4 x 80 | 48 | 200 | 811.02.40080L |
| 4,5 x 30 | 18 | 1000 | 811.02.45030L |
| 4,5 x 35 | 21 | 500 | 811.02.45035L |
| 4,5 x 40 | 24 | 500 | 811.02.45040L |
| 4,5 x 45 | 27 | 500 | 811.02.45045L |
| 4,5 x 50 | 30 | 500 | 811.02.45050L |
| 4,5 x 60 | 36 | 500 | 811.02.45060L |
| 4,5 x 70 | 42 | 200 | 811.02.45070L |
| 4,5 x 80 | 48 | 200 | 811.02.45080L |
| 5 x 30 | 18 | 500 | 811.02.50030L |
| 5 x 35 | 21 | 500 | 811.02.50035L |
| 5 x 40 | 24 | 500 | 811.02.50040L |
| 5 x 45 | 27 | 500 | 811.02.50045L |
| 5 x 50 | 30 | 500 | 811.02.50050L |
| 5 x 55 | 33 | 500 | 811.02.50055L |
| 5 x 60 | 36 | 500 | 811.02.50060L |
| 5 x 70 | 42 | 200 | 811.02.50070L |

| Diam x LT | LF | Cdt | Réf. TSR |
|---|---|---|---|
| 5 x 80 | 48 | 200 | 811.02.50080L |
| 5 x 90 | 54 | 200 | 811.02.50090L |
| 5 x 100 | 60 | 200 | 811.02.50100L |
| 5 x 120 | 70 | 200 | 811.02.50120L |
| 6 x 40 | 24 | 500 | 811.02.60040L |
| 6 x 50 | 30 | 200 | 811.02.60050L |
| 6 x 60 | 36 | 200 | 811.02.60060L |
| 6 x 70 | 42 | 200 | 811.02.60070L |
| 6 x 80 | 48 | 200 | 811.02.60080L |
| 6 x 90 | 54 | 200 | 811.02.60090L |
| 6 x 100 | 60 | 100 | 811.02.60100L |
| 6 x 110 | 70 | 100 | 811.02.60110L |
| 6 x 120 | 70 | 100 | 811.02.60120L |
| 6 x 130 | 70 | 100 | 811.02.60130L |
| 6 x 140 | 70 | 100 | 811.02.60140L |
| 6 x 150 | 70 | 100 | 811.02.60150L |
| 6 x 160 | 70 | 100 | 811.02.60160L |
| 6 x 180 | 70 | 100 | 811.02.60180L |
| 6 x 200 | 70 | 100 | 811.02.60200L |
| 6 x 220 | 70 | 100 | 811.02.60220L |
| 6 x 240 | 70 | 100 | 811.02.60240L |
| 6 x 280 | 70 | 100 | 811.02.60280L |
| 6 x 300 | 70 | 100 | 811.02.60300L |

## ACIER 8.8 ZJ

| Diam x LT | LF | Cdt | Réf. TSR |
|---|---|---|---|
| 3 x 30 | 18 | 1000 | 811.03.30030L |
| 3 x 35 | 21 | 1000 | 811.03.30035L |
| 3 x 40 | 24 | 1000 | 811.03.30040L |
| 3 x 45 | 27 | 1000 | 811.03.30045L |
| 3,5 x 30 | 18 | 1000 | 811.03.35030L |
| 3,5 x 35 | 35 | 1000 | 811.03.35035L |
| 3,5 x 40 | 24 | 1000 | 811.03.35040L |
| 3,5 x 45 | 27 | 1000 | 811.03.35045L |

| Diam x LT | LF | Cdt | Réf. TSR |
|---|---|---|---|
| 3,5 x 50 | 30 | 500 | 811.03.35050L |
| 4 x 30 | 18 | 1000 | 811.03.40030L |
| 4 x 35 | 12 | 1000 | 811.03.40035L |
| 4 x 40 | 24 | 1000 | 811.03.40040L |
| 4 x 45 | 27 | 500 | 811.03.40045L |
| 4 x 50 | 30 | 500 | 811.03.40050L |
| 4 x 55 | 33 | 500 | 811.03.40055L |
| 4 x 60 | 36 | 500 | 811.03.40060L |
| 4 x 70 | 42 | 200 | 811.03.40070L |
| 4 x 80 | 48 | 200 | 811.03.40080L |
| 4,5 x 30 | 18 | 1000 | 811.03.45030L |
| 4,5 x 35 | 21 | 500 | 811.03.45035L |
| 4,5 x 40 | 24 | 500 | 811.03.45040L |
| 4,5 x 45 | 27 | 500 | 811.03.45045L |
| 4,5 x 50 | 30 | 500 | 811.03.45050L |
| 4,5 x 60 | 36 | 500 | 811.03.45060L |
| 4,5 x 70 | 42 | 200 | 811.03.45070L |
| 4,5 x 80 | 48 | 200 | 811.03.45080L |
| 5 x 30 | 18 | 500 | 811.03.50030L |
| 5 x 35 | 21 | 500 | 811.03.50035L |
| 5 x 40 | 24 | 500 | 811.03.50040L |
| 5 x 45 | 27 | 500 | 811.03.50045L |
| 5 x 50 | 30 | 500 | 811.03.50050L |
| 5 x 55 | 33 | 500 | 811.03.50055L |
| 5 x 60 | 36 | 500 | 811.03.50060L |
| 5 x 70 | 42 | 200 | 811.03.50070L |
| 5 x 80 | 48 | 200 | 811.03.50080L |
| 5 x 90 | 54 | 200 | 811.03.50090L |
| 5 x 90 | 54 | 200 | 811.03.50090L |
| 5 x 120 | 70 | 200 | 811.03.50120L |
| 6 x 40 | 24 | 500 | 811.03.60040L |
| 6 x 50 | 30 | 200 | 811.03.60050L |
| 6 x 60 | 36 | 200 | 811.03.60060L |
| 6 x 70 | 42 | 200 | 811.03.60070L |
| 6 x 80 | 48 | 200 | 811.03.60080L |
| 6 x 90 | 54 | 200 | 811.03.60090L |
| 6 x 100 | 60 | 100 | 811.03.60100L |

## Vis à bois

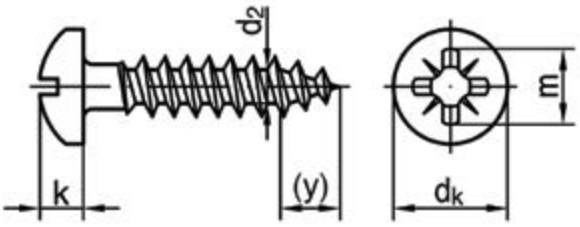
*Art. 811 - suite*

| Diam x LT | LF | Cdt | Réf. TSR |
|---|---|---|---|
| 6 x 110 | 70 | 100 | 811.03.60110L |
| 6 x 120 | 70 | 100 | 811.03.60120L |
| 6 x 130 | 70 | 100 | 811.03.60130L |
| 6 x 140 | 70 | 100 | 811.03.60140L |
| 6 x 150 | 70 | 100 | 811.03.60150L |
| 6 x 160 | 70 | 100 | 811.03.60160L |
| 6 x 180 | 70 | 100 | 811.03.60180L |

| Diam x LT | LF | Cdt | Réf. TSR |
|---|---|---|---|
| 6 x 200 | 70 | 100 | 811.03.60200L |
| 6 x 220 | 70 | 100 | 811.03.60220L |
| 6 x 240 | 70 | 100 | 811.03.60240L |

# Art. 820

## Vis à bois aggloméré tête cylindrique
## Empreinte pozidriv




| Dimensions | ST 3 | ST 3.5 | ST 4 | ST 4.5 | ST 5 | ST 6 |
|---|---|---|---|---|---|---|
| d2 | 1.9 | 2,5 | 2.67 | 2.7 | 3 | 3.7 |
| dk | 6 | 7 | 8 | 9 | 10 | 12 |
| k1 max. | 2.25 | 2.6 | 2.8 | 3 | 3.5 | 4.1 |
| y | 3 | 3.4 | 4 | 4,3 | 4.8 | 5.7 |
| Cruciforme | 1 | 2 | 2 | 2 | 2 | 3 |

### ACIER ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 10 | 1000 | 820.02.30010L |
| 3 x 12 | 1000 | 820.02.30012L |
| 3 x 16 | 1000 | 820.02.30016L |
| 3 x 20 | 1000 | 820.02.30020L |
| 3 x 25 | 1000 | 820.02.30025L |
| 3 x 30 | 1000 | 820.02.30030L |
| 3,5 x 12 | 1000 | 820.02.35012L |
| 3,5 x 16 | 1000 | 820.02.35016L |
| 3,5 x 20 | 1000 | 820.02.35020L |
| 3,5 x 25 | 1000 | 820.02.35025L |
| 3,5 x 30 | 1000 | 820.02.35030L |
| 3,5 x 35 | 1000 | 820.02.35035L |
| 3,5 x 40 | 1000 | 820.02.35040L |
| 4 x 12 | 1000 | 820.02.40012L |
| 4 x 16 | 1000 | 820.02.40016L |
| 4 x 17 | 1000 | 820.02.40017L |
| 4 x 20 | 1000 | 820.02.40020L |
| 4 x 25 | 1000 | 820.02.40025L |
| 4 x 30 | 1000 | 820.02.40030L |
| 4 x 35 | 1000 | 820.02.40035L |
| 4 x 40 | 500 | 820.02.40040L |
| 4 x 45 | 500 | 820.02.40045L |
| 4 x 50 | 500 | 820.02.40050L |
| 4 x 60 | 250 | 820.02.40060L |
| 4,5 x 12 | 1000 | 820.02.45012L |
| 4,5 x 16 | 1000 | 820.02.45016L |
| 4,5 x 20 | 1000 | 820.02.45020L |
| 4,5 x 25 | 1000 | 820.02.45025L |
| 4,5 x 30 | 500 | 820.02.45030L |
| 4,5 x 35 | 500 | 820.02.45035L |
| 4,5 x 40 | 500 | 820.02.45040L |
| 4,5 x 45 | 500 | 820.02.45045L |
| 4,5 x 50 | 500 | 820.02.45050L |
| 4,5 x 60 | 500 | 820.02.45060L |
| 5 x 16 | 1000 | 820.02.50016L |
| 5 x 20 | 1000 | 820.02.50020L |
| 5 x 25 | 500 | 820.02.50025L |
| 5 x 30 | 500 | 820.02.50030L |
| 5 x 35 | 500 | 820.02.50035L |
| 5 x 40 | 500 | 820.02.50040L |
| 5 x 45 | 200 | 820.02.50045L |
| 5 x 50 | 200 | 820.02.50050L |
| 5 x 60 | 200 | 820.02.50060L |
| 5 x 70 | 200 | 820.02.50070L |
| 5 x 80 | 200 | 820.02.50080L |
| 5 x 90 | 200 | 820.02.50090L |
| 6 x 20 | 1000 | 820.02.60020L |
| 6 x 25 | 1000 | 820.02.60025L |
| 6 x 30 | 500 | 820.02.60030L |
| 6 x 35 | 500 | 820.02.60035L |
| 6 x 40 | 500 | 820.02.60040L |
| 6 x 45 | 200 | 820.02.60045L |
| 6 x 50 | 200 | 820.02.60050L |
| 6 x 60 | 200 | 820.02.60060L |
| 6 x 70 | 200 | 820.02.60070L |
| 6 x 80 | 200 | 820.02.60080L |
| 6 x 90 | 200 | 820.02.60090L |
| 6 x 100 | 100 | 820.02.60100L |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 16 | 1000 | 820.31.30016L |
| 3 x 20 | 1000 | 820.31.30020L |
| 3 x 25 | 1000 | 820.31.30025L |
| 3 x 30 | 1000 | 820.31.30030L |
| 3,5 x 16 | 1000 | 820.31.35016L |
| 3,5 x 20 | 1000 | 820.31.35020L |
| 3,5 x 25 | 1000 | 820.31.35025L |
| 3,5 x 30 | 1000 | 820.31.35030L |
| 3,5 x 35 | 1000 | 820.31.35035L |
| 3,5 x 40 | 1000 | 820.31.35040L |
| 4 x 16 | 1000 | 820.31.40016L |
| 4 x 20 | 1000 | 820.31.40020L |
| 4 x 25 | 1000 | 820.31.40025L |
| 4 x 30 | 1000 | 820.31.40030L |
| 4 x 35 | 1000 | 820.31.40035L |
| 4 x 40 | 1000 | 820.31.40040L |
| 4 x 45 | 1000 | 820.31.40045L |
| 4 x 50 | 1000 | 820.31.40050L |
| 4,5 x 12 | 1000 | 820.31.45012L |
| 4,5 x 16 | 1000 | 820.31.45016L |
| 4,5 x 20 | 1000 | 820.31.45020L |
| 4,5 x 25 | 1000 | 820.31.45025L |
| 4,5 x 30 | 1000 | 820.31.45030L |
| 4,5 x 35 | 500 | 820.31.45035L |
| 4,5 x 40 | 500 | 820.31.45040L |
| 4,5 x 45 | 500 | 820.31.45045L |
| 4,5 x 50 | 500 | 820.31.45050L |
| 4,5 x 60 | 500 | 820.31.45060L |
| 5 x 20 | 1000 | 820.31.50020L |
| 5 x 25 | 1000 | 820.31.50025L |
| 5 x 30 | 1000 | 820.31.50030L |
| 5 x 35 | 1000 | 820.31.50035L |
| 5 x 40 | 1000 | 820.31.50040L |
| 5 x 45 | 1000 | 820.31.50045L |
| 5 x 50 | 500 | 820.31.50050L |
| 5 x 60 | 500 | 820.31.50060L |
| 5 x 70 | 500 | 820.31.50070L |
| 6 x 40 | 500 | 820.31.60040L |
| 6 x 45 | 500 | 820.31.60045L |
| 6 x 50 | 200 | 820.31.60050L |
| 6 x 60 | 200 | 820.31.60060L |
| 6 x 70 | 200 | 820.31.60070L |

## Jeu d'embouts de vissage

| Réf. 628.5200 |
|---|
| 1 x Adaptateur à verrouillage |
| 1 x Porte-douilles 6,35 mm - 1/4" |
| 30 x Embouts de vissage : |
| 3 x Fente 5,5, - 6,5 - 8,0 mm |
| 3 x PHILLIPS® PH1 – PH2 – PH3 |
| 6 x POZIDRIV® PZ1 – PZ2 – PZ3 (2 de chaque) |
| 3 x 6 pans 4 – 5 – 6 mm |
| 15 x TORX® percé T10 – T20 – T40 (2 de chaque) |
| T15 – T25 – T30 (3 de chaque) |

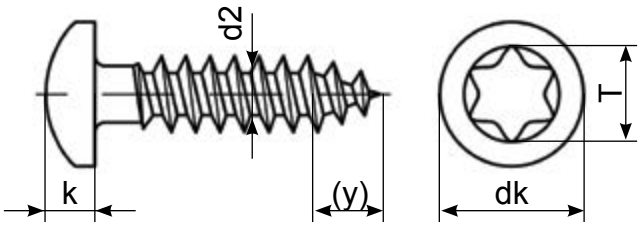





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# Art. 822

## Vis à bois aggloméré tête cylindrique
## Empreinte Torx



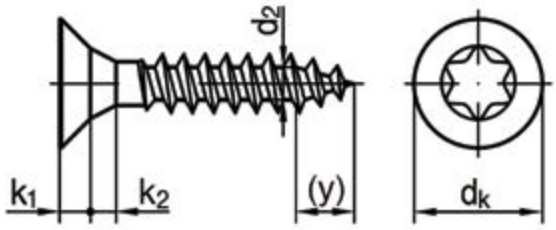

| Dimensions | ST 3 | ST 3.5 | ST 4 | ST 4.5 | ST 5 | ST 6 |
|---|---|---|---|---|---|---|
| d2 | 1.9 | 2,5 | 2.67 | 2.7 | 3 | 3.7 |
| dk | 6 | 7 | 8 | 9 | 10 | 12 |
| k1 max. | 2.25 | 2.6 | 2.8 | 3 | 3.5 | 4.1 |
| y | 3 | 3.4 | 4 | 4,3 | 4.8 | 5.7 |
| Torx | T10 | T15 | T20 | T20 | T25 | T30 |

### ACIER ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 10 | 1000 | 822.02.30010L |
| 3 x 12 | 1000 | 822.02.30012L |
| 3 x 16 | 1000 | 822.02.30016L |
| 3 x 20 | 1000 | 822.02.30020L |
| 3 x 25 | 1000 | 822.02.30025L |
| 3 x 30 | 1000 | 822.02.30030L |
| 3,5 x 12 | 1000 | 822.02.35012L |
| 3,5 x 16 | 1000 | 822.02.35016L |
| 3,5 x 20 | 1000 | 822.02.35020L |
| 3,5 x 25 | 1000 | 822.02.35025L |
| 3,5 x 30 | 1000 | 822.02.35030L |
| 3,5 x 35 | 1000 | 822.02.35035L |
| 3,5 x 40 | 1000 | 822.02.35040L |
| 4 x 12 | 1000 | 822.02.40012L |
| 4 x 16 | 1000 | 822.02.40016L |
| 4 x 17 | 1000 | 822.02.40017L |
| 4 x 20 | 1000 | 822.02.40020L |
| 4 x 25 | 1000 | 822.02.40025L |
| 4 x 30 | 1000 | 822.02.40030L |
| 4 x 35 | 1000 | 822.02.40035L |
| 4 x 40 | 500 | 822.02.40040L |
| 4 x 45 | 500 | 822.02.40045L |
| 4 x 50 | 500 | 822.02.40050L |
| 4 x 60 | 500 | 822.02.40060L |
| 4,5 x 12 | 1000 | 822.02.45012L |
| 4,5 x 16 | 1000 | 822.02.45016L |
| 4,5 x 20 | 1000 | 822.02.45020L |
| 4,5 x 25 | 1000 | 822.02.45025L |
| 4,5 x 30 | 500 | 822.02.45030L |
| 4,5 x 35 | 500 | 822.02.45035L |
| 4,5 x 40 | 500 | 822.02.45040L |
| 4,5 x 45 | 500 | 822.02.45045L |
| 4,5 x 50 | 500 | 822.02.45050L |
| 4,5 x 60 | 500 | 822.02.45060L |
| 5 x 16 | 1000 | 822.02.50016L |
| 5 x 20 | 1000 | 822.02.50020L |
| 5 x 25 | 500 | 822.02.50025L |
| 5 x 30 | 500 | 822.02.50030L |
| 5 x 35 | 500 | 822.02.50035L |
| 5 x 40 | 500 | 822.02.50040L |
| 5 x 45 | 200 | 822.02.50045L |
| 5 x 50 | 200 | 822.02.50050L |
| 5 x 60 | 200 | 822.02.50060L |
| 5 x 70 | 200 | 822.02.50070L |
| 5 x 80 | 200 | 822.02.50080L |
| 5 x 90 | 200 | 822.02.50090L |
| 6 x 20 | 1000 | 822.02.60020L |
| 6 x 25 | 500 | 822.02.60025L |
| 6 x 30 | 500 | 822.02.60030L |
| 6 x 35 | 500 | 822.02.60035L |
| 6 x 40 | 500 | 822.02.60040L |
| 6 x 45 | 200 | 822.02.60045L |
| 6 x 50 | 200 | 822.02.60050L |
| 6 x 60 | 200 | 822.02.60060L |
| 6 x 70 | 200 | 822.02.60070L |
| 6 x 80 | 200 | 822.02.60080L |
| 6 x 90 | 200 | 822.02.60090L |
| 6 x 100 | 100 | 822.02.60100L |

# Art. 830

## Vis à bois aggloméré tête fraisée
## Empreinte Torx - Filetage total




| Dimensions | ST 3 | ST 3.5 | ST 4 | ST 4.5 | ST 5 | ST 6 | ST 8 |
|---|---|---|---|---|---|---|---|
| d2 | 1.9 | 2,5 | 2.67 | 2.7 | 3 | 3.7 | 5 |
| dk | 6 | 7 | 8 | 9 | 10 | 12 | 15.1 |
| k1 max. | 1.9 | 2.1 | 2,5 | 2.7 | 3 | 3.6 | 4.4 |
| k2 max. | 1.6 | 1.8 | 2 | 2,2 | 2,5 | 3 | 3.8 |
| y | 3 | 3.4 | 4 | 4,3 | 4.8 | 5.7 | 6,5 |
| Torx | T10 | T15 | T20 | T20 | T25 | T30 | T40 |

### ACIER ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 12 | 1000 | 830.02.30012L |
| 3 x 16 | 1000 | 830.02.30016L |
| 3 x 20 | 1000 | 830.02.30020L |
| 3 x 25 | 1000 | 830.02.30025L |
| 3 x 30 | 1000 | 830.02.30030L |
| 3 x 35 | 1000 | 830.02.30035L |
| 3 x 40 | 1000 | 830.02.30040L |
| 3 x 45 | 1000 | 830.02.30045L |
| 3,5 x 15 | 1000 | 830.02.35015L |
| 3,5 x 16 | 1000 | 830.02.35016L |
| 3,5 x 20 | 1000 | 830.02.35020L |
| 3,5 x 25 | 1000 | 830.02.35025L |
| 3,5 x 30 | 1000 | 830.02.35030L |
| 3,5 x 35 | 1000 | 830.02.35035L |
| 3,5 x 40 | 1000 | 830.02.35040L |
| 3,5 x 45 | 1000 | 830.02.35045L |
| 3,5 x 50 | 500 | 830.02.35050L |
| 4 x 16 | 1000 | 830.02.40016L |
| 4 x 20 | 1000 | 830.02.40020L |
| 4 x 25 | 1000 | 830.02.40025L |
| 4 x 30 | 1000 | 830.02.40030L |
| 4 x 35 | 1000 | 830.02.40035L |
| 4 x 40 | 1000 | 830.02.40040L |
| 4 x 45 | 1000 | 830.02.40045L |
| 4 x 50 | 1000 | 830.02.40050L |
| 4 x 60 | 500 | 830.02.40060L |
| 4 x 70 | 500 | 830.02.40070L |
| 4,5 x 16 | 1000 | 830.02.45016L |
| 4,5 x 20 | 1000 | 830.02.45020L |
| 4,5 x 25 | 1000 | 830.02.45025L |
| 4,5 x 30 | 1000 | 830.02.45030L |
| 4,5 x 35 | 500 | 830.02.45035L |
| 4,5 x 40 | 500 | 830.02.45040L |
| 4,5 x 45 | 500 | 830.02.45045L |
| 4,5 x 50 | 500 | 830.02.45050L |
| 4,5 x 60 | 500 | 830.02.45060L |
| 4,5 x 70 | 500 | 830.02.45070L |

# Vis à bois

*Art. 830 - suite*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 5 x 20 | 1000 | 830.02.50020L |
| 5 x 25 | 1000 | 830.02.50025L |
| 5 x 30 | 1000 | 830.02.50030L |
| 5 x 35 | 1000 | 830.02.50035L |
| 5 x 40 | 1000 | 830.02.50040L |
| 5 x 50 | 1000 | 830.02.50050L |
| 5 x 60 | 500 | 830.02.50060L |
| 5 x 70 | 500 | 830.02.50070L |
| 6 x 30 | 500 | 830.02.60030L |
| 6 x 40 | 500 | 830.02.60040L |
| 6 x 50 | 200 | 830.02.60050L |
| 6 x 60 | 200 | 830.02.60060L |
| 8 x 70 | 100 | 830.02.80070L |

## ACIER 8.8 ZJ

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 12 | 1000 | 830.03.30012L |
| 3 x 13 | 1000 | 830.03.30013L |
| 3 x 15 | 1000 | 830.03.30015L |
| 3 x 16 | 1000 | 830.03.30016L |
| 3 x 17 | 1000 | 830.03.30017L |
| 3 x 20 | 1000 | 830.03.30020L |
| 3 x 25 | 1000 | 830.03.30025L |
| 3,5 x 15 | 1000 | 830.03.35015L |
| 3,5 x 16 | 1000 | 830.03.35016L |
| 3,5 x 20 | 1000 | 830.03.35020L |
| 3,5 x 25 | 1000 | 830.03.35025L |
| 3,5 x 30 | 1000 | 830.03.35030L |
| 3,5 x 35 | 1000 | 830.03.35035L |
| 3,5 x 40 | 1000 | 830.03.35040L |
| 3,5 x 45 | 1000 | 830.03.35045L |
| 3,5 x 50 | 500 | 830.03.35050L |
| 4 x 15 | 1000 | 830.03.40015L |
| 4 x 16 | 1000 | 830.03.40016L |
| 4 x 20 | 1000 | 830.03.40020L |
| 4 x 25 | 1000 | 830.03.40025L |
| 4 x 30 | 1000 | 830.03.40030L |
| 4 x 35 | 1000 | 830.03.40035L |
| 4 x 40 | 1000 | 830.03.40040L |
| 4 x 45 | 500 | 830.03.40045L |
| 4 x 50 | 500 | 830.03.40050L |
| 4 x 60 | 500 | 830.03.40060L |
| 4,5 x 20 | 1000 | 830.03.45020L |
| 4,5 x 25 | 1000 | 830.03.45025L |
| 4,5 x 30 | 1000 | 830.03.45030L |
| 4,5 x 35 | 500 | 830.03.45035L |
| 4,5 x 40 | 500 | 830.03.45040L |
| 4,5 x 45 | 500 | 830.03.45045L |
| 4,5 x 50 | 500 | 830.03.45050L |
| 4,5 x 60 | 500 | 830.03.45060L |
| 5 x 25 | 1000 | 830.03.50025L |
| 5 x 30 | 500 | 830.03.50030L |
| 5 x 35 | 500 | 830.03.50035L |
| 5 x 40 | 500 | 830.03.50040L |
| 5 x 45 | 500 | 830.03.50045L |
| 5 x 50 | 500 | 830.03.50050L |
| 5 x 60 | 500 | 830.03.50060L |
| 6 x 40 | 500 | 830.03.60040L |
| 6 x 50 | 200 | 830.03.60050L |
| 6 x 60 | 200 | 830.03.60060L |

## INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 12 | 1000 | 830.31.30012L |
| 3 x 12 | 200 | 830.31.30012S |
| 3 x 16 | 1000 | 830.31.30016L |
| 3 x 16 | 200 | 830.31.30016S |
| 3 x 20 | 1000 | 830.31.30020L |
| 3 x 20 | 200 | 830.31.30020S |
| 3 x 25 | 1000 | 830.31.30025L |
| 3 x 25 | 200 | 830.31.30025S |
| 3 x 30 | 1000 | 830.31.30030L |
| 3 x 30 | 200 | 830.31.30030S |
| 3 x 35 | 1000 | 830.31.30035L |
| 3 x 35 | 200 | 830.31.30035S |
| 3 x 40 | 1000 | 830.31.30040L |
| 3 x 40 | 200 | 830.31.30040S |
| 3,5 x 16 | 1000 | 830.31.35016L |
| 3,5 x 16 | 200 | 830.31.35016S |
| 3,5 x 20 | 1000 | 830.31.35020L |
| 3,5 x 20 | 200 | 830.31.35020S |
| 3,5 x 25 | 1000 | 830.31.35025L |
| 3,5 x 25 | 200 | 830.31.35025S |
| 3,5 x 30 | 1000 | 830.31.35030L |
| 3,5 x 30 | 200 | 830.31.35030S |
| 3,5 x 35 | 1000 | 830.31.35035L |
| 3,5 x 35 | 200 | 830.31.35035S |
| 3,5 x 40 | 1000 | 830.31.35040L |
| 3,5 x 40 | 200 | 830.31.35040S |
| 4 x 16 | 1000 | 830.31.40016L |
| 4 x 16 | 200 | 830.31.40016S |
| 4 x 20 | 1000 | 830.31.40020L |
| 4 x 20 | 200 | 830.31.40020S |
| 4 x 25 | 1000 | 830.31.40025L |
| 4 x 25 | 200 | 830.31.40025S |
| 4 x 30 | 1000 | 830.31.40030L |
| 4 x 30 | 200 | 830.31.40030S |
| 4 x 35 | 1000 | 830.31.40035L |
| 4 x 35 | 200 | 830.31.40035S |
| 4 x 40 | 1000 | 830.31.40040L |
| 4 x 40 | 200 | 830.31.40040S |
| 4 x 45 | 1000 | 830.31.40045L |
| 4 x 45 | 200 | 830.31.40045S |
| 4 x 50 | 1000 | 830.31.40050L |
| 4 x 50 | 200 | 830.31.40050S |
| 4 x 60 | 500 | 830.31.40060L |
| 4 x 60 | 100 | 830.31.40060S |
| 4 x 70 | 500 | 830.31.40070L |
| 4 x 70 | 100 | 830.31.40070S |
| 4 x 80 | 500 | 830.31.40080L |
| 4 x 80 | 100 | 830.31.40080S |
| 4,5 x 16 | 1000 | 830.31.45016L |
| 4,5 x 16 | 200 | 830.31.45016S |
| 4,5 x 20 | 1000 | 830.31.45020L |
| 4,5 x 20 | 200 | 830.31.45020S |
| 4,5 x 25 | 1000 | 830.31.45025L |
| 4,5 x 25 | 200 | 830.31.45025S |
| 4,5 x 30 | 1000 | 830.31.45030L |
| 4,5 x 30 | 200 | 830.31.45030S |
| 4,5 x 35 | 500 | 830.31.45035L |
| 4,5 x 35 | 200 | 830.31.45035S |
| 4,5 x 40 | 500 | 830.31.45040L |
| 4,5 x 40 | 200 | 830.31.45040S |
| 4,5 x 45 | 500 | 830.31.45045L |
| 4,5 x 45 | 200 | 830.31.45045S |
| 4,5 x 50 | 500 | 830.31.45050L |
| 4,5 x 50 | 200 | 830.31.45050S |
| 4,5 x 60 | 500 | 830.31.45060L |
| 4,5 x 60 | 100 | 830.31.45060S |
| 4,5 x 70 | 500 | 830.31.45070L |
| 4,5 x 70 | 100 | 830.31.45070S |
| 5 x 20 | 1000 | 830.31.50020L |
| 5 x 20 | 200 | 830.31.50020S |
| 5 x 25 | 1000 | 830.31.50025L |
| 5 x 25 | 200 | 830.31.50025S |
| 5 x 30 | 1000 | 830.31.50030L |
| 5 x 30 | 200 | 830.31.50030S |
| 5 x 35 | 1000 | 830.31.50035L |
| 5 x 35 | 200 | 830.31.50035S |
| 5 x 40 | 1000 | 830.31.50040L |
| 5 x 40 | 200 | 830.31.50040S |
| 5 x 50 | 1000 | 830.31.50050L |
| 5 x 50 | 200 | 830.31.50050S |
| 5 x 60 | 500 | 830.31.50060L |
| 5 x 60 | 100 | 830.31.50060S |
| 5 x 70 | 500 | 830.31.50070L |
| 5 x 70 | 100 | 830.31.50070S |
| 5 x 80 | 500 | 830.31.50080L |
| 5 x 80 | 100 | 830.31.50080S |
| 5 x 90 | 200 | 830.31.50090L |
| 5 x 90 | 100 | 830.31.50090S |
| 5 x 100 | 200 | 830.31.50100L |
| 5 x 100 | 100 | 830.31.50100S |
| 6 x 40 | 500 | 830.31.60040L |
| 6 x 40 | 200 | 830.31.60040S |
| 6 x 50 | 200 | 830.31.60050L |
| 6 x 50 | 100 | 830.31.60050S |
| 6 x 60 | 200 | 830.31.60060L |
| 6 x 60 | 100 | 830.31.60060S |
| 6 x 70 | 200 | 830.31.60070L |
| 6 x 70 | 100 | 830.31.60070S |
| 6 x 80 | 200 | 830.31.60080L |
| 6 x 80 | 100 | 830.31.60080S |
| 6 x 90 | 200 | 830.31.60090L |
| 6 x 90 | 100 | 830.31.60090S |
| 6 x 100 | 100 | 830.31.60100L |
| 6 x 110 | 100 | 830.31.60110L |
| 6 x 120 | 100 | 830.31.60120L |
| 6 x 130 | 100 | 830.31.60130L |
| 6 x 140 | 100 | 830.31.60140L |
| 6 x 150 | 100 | 830.31.60150L |
| 6 x 160 | 100 | 830.31.60160L |
| 6 x 180 | 100 | 830.31.60180L |
| 6 x 180 | 100 | 830.31.60180L |
| 8 x 70 | 50 | 830.31.80070L |
| 8 x 80 | 50 | 830.31.80080L |
| 8 x 90 | 50 | 830.31.80090L |
| 8 x 100 | 50 | 830.31.80100L |
| 8 x 120 | 50 | 830.31.80120L |
| 8 x 140 | 50 | 830.31.80140L |

# Coffret de 96 embouts

| Réf. 628.5100 |
|---|
| 1 x Porte-embouts 6,35 magnétique |
| 1 x Douille adaptateur 6,35 1/4" |
| 1 x Porte-douilles 6,35 1/4" |
| 79 x Embouts 6,35 mm – 25 mm |
| 9 x Fente 3,0 – 4,0 – 4,5 – 5,0 – 5,5 – 6,0 6,5 – 7,0 – 8,0 mm |
| 5 x PHILLIPS® PH0 – PH1 – PH2 – PH2 – PH3 |
| 5 x POZIDRIV® PZ0 – PZ1 – PZ2 – PZ2 – PZ3 |
| 9 x 6 pans 1,5 – 2,0 – 2,5 – 3,0 – 4,0 – 5,0 – 5,5 – 6,0 – 8,0 mm |
| 12 x 6 pans percé 2,0 – 2,5 – 3,0 – 4,0 – 5,0 – 6,0 mm |
| 5/64" – 3/31" – 7/64" – 1/8" |
| 9/64" – 5/32" |
| 9 x TORX® T8 – T10 – T15 – T20 – T25 |
| T27 – T30 – T35 – T40 |
| 9 x TORX® percé T8-T10-T15-T20-T25-T27-T30-T35-T40 |
| 3 x XZN® M5 – M6 – M8 |
| 3 x Papillon 1 – 2 – 3 |
| 4 x TRI-WING® 1 – 2 – 3 – 4 |
| 4 x SPANNER® 4 – 6 – 8 – 10 |
| 3 x TORQ-SET® 6 – 8 – 10 mm |
| 4 x ROBERTSON 0 - 1 - 2 - 3 |
| 17 x Embouts 6,35 mm - 75 mm |
| 3 x 6 PANS percé 4,0 - 5,0 - 6,0 mm |
| 3 x TORX® percé T15 - T20 - T30 |
| 4 x TRI-WING® 1 - 2 - 3 - 4 |
| 4 x SPANNER® 4 - 6 - 8 -10 |
| 3 x TORQ-SET®6 - 8 - 10 mm |

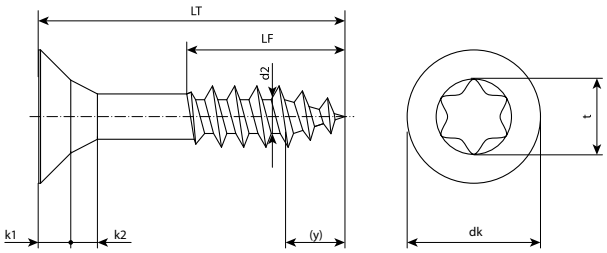




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# Art. 831

## Vis à bois aggloméré tête fraisée
## Empreinte Torx - Filetage partiel




| Dimensions | ST 3 | ST 3.5 | ST 4 | ST 4.5 | ST 5 | ST 6 | ST 8 |
|---|---|---|---|---|---|---|---|
| d2 | 1.9 | 2,5 | 2.67 | 2.7 | 3 | 3.7 | 5 |
| dk | 6 | 7 | 8 | 9 | 10 | 12 | 15.1 |
| k1 max. | 1.9 | 2.1 | 2,5 | 2.7 | 3 | 3.6 | 4.4 |
| k2 max. | 1.6 | 1.8 | 2 | 2,2 | 2,5 | 3 | 3.8 |
| y | 3 | 3.4 | 4 | 4,3 | 4.8 | 5.7 | 6,5 |
| Torx | T10 | T15 | T20 | T20 | T25 | T30 | T40 |

### ACIER ZB

| Diam x | LT | LF | Cdt | Réf. TSR |
|---|---|---|---|---|
| 3 x | 30 | 18 | 1000 | 831.02.30030L |
| 3 x | 35 | 21 | 1000 | 831.02.30035L |
| 3 x | 40 | 24 | 1000 | 831.02.30040L |
| 3 x | 45 | 27 | 1000 | 831.02.30045L |
| 3,5 x | 30 | 18 | 1000 | 831.02.35030L |
| 3,5 x | 35 | 21 | 1000 | 831.02.35035L |
| 3,5 x | 40 | 24 | 1000 | 831.02.35040L |
| 3,5 x | 45 | 27 | 1000 | 831.02.35045L |
| 3,5 x | 50 | 30 | 500 | 831.02.35050L |
| 4 x | 30 | 18 | 1000 | 831.02.40030L |
| 4 x | 35 | 21 | 1000 | 831.02.40035L |
| 4 x | 40 | 24 | 1000 | 831.02.40040L |
| 4 x | 45 | 27 | 500 | 831.02.40045L |
| 4 x | 50 | 30 | 500 | 831.02.40050L |
| 4 x | 55 | 33 | 500 | 831.02.40055L |
| 4 x | 60 | 36 | 500 | 831.02.40060L |
| 4 x | 70 | 42 | 200 | 831.02.40070L |
| 4 x | 80 | 48 | 500 | 831.02.40080L |
| 4,5 x | 30 | 18 | 1000 | 831.02.45030L |
| 4,5 x | 35 | 21 | 500 | 831.02.45035L |
| 4,5 x | 40 | 24 | 500 | 831.02.45040L |
| 4,5 x | 45 | 27 | 500 | 831.02.45045L |
| 4,5 x | 50 | 30 | 500 | 831.02.45050L |
| 4,5 x | 60 | 36 | 500 | 831.02.45060L |
| 4,5 x | 70 | 42 | 200 | 831.02.45070L |
| 4,5 x | 80 | 48 | 200 | 831.02.45080L |
| 5 x | 30 | 18 | 500 | 831.02.50030L |
| 5 x | 35 | 21 | 500 | 831.02.50035L |
| 5 x | 40 | 24 | 500 | 831.02.50040L |
| 5 x | 45 | 27 | 500 | 831.02.50045L |
| 5 x | 50 | 30 | 500 | 831.02.50050L |
| 5 x | 55 | 33 | 500 | 831.02.50055L |
| 5 x | 60 | 36 | 500 | 831.02.50060L |
| 5 x | 70 | 42 | 500 | 831.02.50070L |
| 5 x | 80 | 48 | 500 | 831.02.50080L |
| 5 x | 90 | 54 | 200 | 831.02.50090L |
| 5 x | 100 | 60 | 200 | 831.02.50100L |
| 5 x | 120 | 70 | 200 | 831.02.50120L |
| 6 x | 40 | 24 | 500 | 831.02.60040L |
| 6 x | 50 | 30 | 200 | 831.02.60050L |
| 6 x | 60 | 36 | 200 | 831.02.60060L |
| 6 x | 70 | 42 | 200 | 831.02.60070L |
| 6 x | 80 | 48 | 200 | 831.02.60080L |
| 6 x | 90 | 54 | 200 | 831.02.60090L |
| 6 x | 100 | 60 | 100 | 831.02.60100L |
| 6 x | 110 | 70 | 100 | 831.02.60110L |
| 6 x | 120 | 70 | 100 | 831.02.60120L |
| 6 x | 130 | 70 | 100 | 831.02.60130L |
| 6 x | 140 | 70 | 100 | 831.02.60140L |
| 6 x | 150 | 70 | 100 | 831.02.60150L |
| 6 x | 160 | 70 | 100 | 831.02.60160L |
| 6 x | 180 | 70 | 100 | 831.02.60180L |
| 6 x | 200 | 70 | 100 | 831.02.60200L |
| 6 x | 220 | 70 | 100 | 831.02.60220L |
| 6 x | 240 | 70 | 100 | 831.02.60240L |
| 6 x | 260 | 70 | 100 | 831.02.60260L |
| 6 x | 280 | 70 | 100 | 831.02.60280L |
| 6 x | 300 | 70 | 100 | 831.02.60300L |
| 8 x | 80 | 52 | 100 | 831.02.80080L |
| 8 x | 90 | 60 | 100 | 831.02.80090L |
| 8 x | 100 | 52 | 100 | 831.02.80100L |

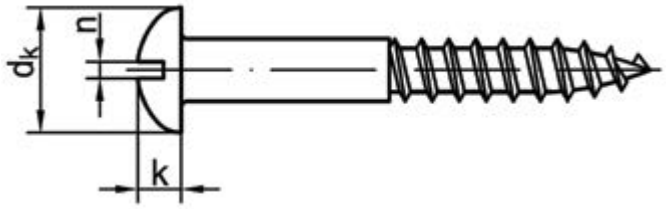
### ACIER 8.8 ZJ

| Diam x | LT | LF | Cdt | Réf. TSR |
|---|---|---|---|---|
| 3 x | 30 | 18 | 1000 | 831.03.30030L |
| 3 x | 35 | 21 | 1000 | 831.03.30035L |
| 3 x | 40 | 24 | 1000 | 831.03.30040L |
| 3 x | 45 | 27 | 1000 | 831.03.30045L |
| 3,5 x | 30 | 18 | 1000 | 831.03.35030L |
| 3,5 x | 35 | 21 | 1000 | 831.03.35035L |
| 3,5 x | 40 | 24 | 1000 | 831.03.35040L |
| 3,5 x | 45 | 27 | 1000 | 831.03.35045L |
| 3,5 x | 50 | 30 | 500 | 831.03.35050L |
| 4 x | 30 | 18 | 1000 | 831.03.40030L |
| 4 x | 35 | 21 | 1000 | 831.03.40035L |
| 4 x | 40 | 24 | 1000 | 831.03.40040L |
| 4 x | 45 | 27 | 500 | 831.03.40045L |
| 4 x | 50 | 30 | 500 | 831.03.40050L |
| 4 x | 55 | 33 | 500 | 831.03.40055L |
| 4 x | 60 | 36 | 500 | 831.03.40060L |
| 4 x | 70 | 42 | 200 | 831.03.40070L |
| 4 x | 80 | 48 | 200 | 831.03.40080L |
| 4,5 x | 30 | 18 | 1000 | 831.03.45030L |
| 4,5 x | 35 | 21 | 500 | 831.03.45035L |
| 4,5 x | 40 | 24 | 500 | 831.03.45040L |
| 4,5 x | 45 | 27 | 500 | 831.03.45045L |
| 4,5 x | 50 | 30 | 500 | 831.03.45050L |
| 4,5 x | 60 | 36 | 500 | 831.03.45060L |
| 4,5 x | 70 | 42 | 200 | 831.03.45070L |
| 4,5 x | 80 | 48 | 200 | 831.03.45080L |
| 5 x | 30 | 18 | 500 | 831.03.50030L |
| 5 x | 35 | 21 | 500 | 831.03.50035L |
| 5 x | 40 | 24 | 500 | 831.03.50040L |
| 5 x | 45 | 27 | 500 | 831.03.50045L |
| 5 x | 50 | 30 | 500 | 831.03.50050L |
| 5 x | 55 | 33 | 500 | 831.03.50055L |
| 5 x | 60 | 36 | 500 | 831.03.50060L |
| 5 x | 70 | 42 | 200 | 831.03.50070L |
| 5 x | 80 | 48 | 200 | 831.03.50080L |
| 5 x | 90 | 54 | 200 | 831.03.50090L |
| 5 x | 100 | 60 | 200 | 831.03.50100L |
| 5 x | 120 | 70 | 200 | 831.03.50120L |
| 6 x | 40 | 24 | 500 | 831.03.60040L |
| 6 x | 50 | 30 | 200 | 831.03.60050L |
| 6 x | 60 | 36 | 200 | 831.03.60060L |
| 6 x | 70 | 42 | 200 | 831.03.60070L |
| 6 x | 80 | 48 | 200 | 831.03.60080L |
| 6 x | 90 | 54 | 200 | 831.03.60090L |
| 6 x | 100 | 60 | 100 | 831.03.60100L |
| 6 x | 110 | 70 | 100 | 831.03.60110L |
| 6 x | 120 | 70 | 100 | 831.03.60120L |
| 6 x | 130 | 70 | 100 | 831.03.60130L |
| 6 x | 140 | 70 | 100 | 831.03.60140L |
| 6 x | 150 | 70 | 100 | 831.03.60150L |
| 6 x | 160 | 70 | 100 | 831.03.60160L |
| 6 x | 180 | 70 | 100 | 831.03.60180L |
| 6 x | 200 | 70 | 100 | 831.03.60200L |
| 6 x | 220 | 70 | 100 | 831.03.60220L |
| 6 x | 240 | 70 | 100 | 831.03.60240L |
| 6 x | 260 | 70 | 100 | 831.03.60260L |
| 6 x | 280 | 70 | 100 | 831.03.60280L |
| 6 x | 300 | 70 | 100 | 831.03.60300L |

## Vis à bois

# DIN 96

## Vis à bois tête ronde fendue




| Dimensions | 1.6 | 2 | 2,5 | 3 | 3.5 | 4 | 4,5 | 5 | 6 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|
| dk | 3.2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 16 |
| k | 1.1 | 1.4 | 1.7 | 2.1 | 2.4 | 2.8 | 3.1 | 3.5 | 4,2 | 5.6 |
| n | 0.4 | 0.5 | 0.6 | 0.8 | 0.8 | 1 | 1 | 1,2 | 1.6 | 2 |

### ACIER ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 1,6 x 8 | 500 | 840.02.16008L |
| 1,6 x 10 | 500 | 840.02.16010L |
| 1,6 x 12 | 500 | 840.02.16012L |
| 1,6 x 16 | 500 | 840.02.16016L |
| 2 x 8 | 500 | 840.02.20008L |
| 2 x 10 | 500 | 840.02.20010L |
| 2 x 12 | 500 | 840.02.20012L |
| 2 x 16 | 500 | 840.02.20016L |
| 2,5 x 10 | 500 | 840.02.25010L |
| 2,5 x 12 | 500 | 840.02.25012L |
| 2,5 x 16 | 500 | 840.02.25016L |
| 2,5 x 20 | 500 | 840.02.25020L |
| 2,5 x 25 | 500 | 840.02.25025L |
| 3 x 10 | 200 | 840.02.30010L |
| 3 x 12 | 200 | 840.02.30012L |
| 3 x 16 | 200 | 840.02.30016L |
| 3 x 20 | 200 | 840.02.30020L |
| 3 x 25 | 200 | 840.02.30025L |
| 3 x 30 | 200 | 840.02.30030L |
| 3,5 x 10 | 200 | 840.02.35010L |
| 3,5 x 12 | 200 | 840.02.35012L |
| 3,5 x 16 | 200 | 840.02.35016L |
| 3,5 x 20 | 200 | 840.02.35020L |
| 3,5 x 25 | 200 | 840.02.35025L |
| 3,5 x 30 | 200 | 840.02.35030L |
| 3,5 x 35 | 200 | 840.02.35035L |
| 3,5 x 40 | 200 | 840.02.35040L |
| 3,5 x 45 | 200 | 840.02.35045L |
| 3,5 x 50 | 200 | 840.02.35050L |
| 4 x 10 | 200 | 840.02.40010L |
| 4 x 12 | 200 | 840.02.40012L |
| 4 x 16 | 200 | 840.02.40016L |
| 4 x 20 | 200 | 840.02.40020L |
| 4 x 25 | 200 | 840.02.40025L |
| 4 x 30 | 200 | 840.02.40030L |
| 4 x 35 | 200 | 840.02.40035L |
| 4 x 40 | 200 | 840.02.40040L |
| 4 x 45 | 200 | 840.02.40045L |
| 4 x 50 | 200 | 840.02.40050L |
| 4 x 55 | 200 | 840.02.40055L |
| 4 x 60 | 200 | 840.02.40060L |
| 4 x 70 | 200 | 840.02.40070L |
| 4 x 80 | 200 | 840.02.40080L |
| 4 x 100 | 200 | 840.02.40100L |
| 4,5 x 16 | 200 | 840.02.45016L |
| 4,5 x 20 | 200 | 840.02.45020L |
| 4,5 x 25 | 200 | 840.02.45025L |
| 4,5 x 30 | 200 | 840.02.45030L |
| 4,5 x 35 | 200 | 840.02.45035L |
| 4,5 x 40 | 200 | 840.02.45040L |
| 4,5 x 45 | 200 | 840.02.45045L |
| 4,5 x 50 | 200 | 840.02.45050L |
| 4,5 x 55 | 200 | 840.02.45055L |
| 4,5 x 60 | 200 | 840.02.45060L |
| 4,5 x 70 | 200 | 840.02.45070L |
| 5 x 12 | 200 | 840.02.50012L |
| 5 x 16 | 200 | 840.02.50016L |
| 5 x 20 | 200 | 840.02.50020L |
| 5 x 25 | 200 | 840.02.50025L |
| 5 x 30 | 200 | 840.02.50030L |
| 5 x 35 | 200 | 840.02.50035L |
| 5 x 40 | 200 | 840.02.50040L |
| 5 x 45 | 200 | 840.02.50045L |
| 5 x 50 | 200 | 840.02.50050L |
| 5 x 55 | 200 | 840.02.50055L |
| 5 x 60 | 200 | 840.02.50060L |
| 5 x 70 | 200 | 840.02.50070L |
| 5 x 80 | 200 | 840.02.50080L |
| 6 x 20 | 200 | 840.02.60020L |
| 6 x 25 | 200 | 840.02.60025L |
| 6 x 30 | 200 | 840.02.60030L |
| 6 x 35 | 200 | 840.02.60035L |
| 6 x 40 | 200 | 840.02.60040L |
| 6 x 45 | 200 | 840.02.60045L |
| 6 x 50 | 200 | 840.02.60050L |
| 6 x 55 | 100 | 840.02.60055L |
| 6 x 60 | 100 | 840.02.60060L |
| 6 x 70 | 100 | 840.02.60070L |
| 6 x 80 | 100 | 840.02.60080L |
| 6 x 90 | 100 | 840.02.60090L |
| 6 x 100 | 100 | 840.02.60100L |
| 8 x 40 | 100 | 840.02.80040L |
| 8 x 45 | 100 | 840.02.80045L |
| 8 x 50 | 100 | 840.02.80050L |
| 8 x 60 | 100 | 840.02.80060L |
| 8 x 70 | 100 | 840.02.80070L |
| 8 x 80 | 100 | 840.02.80080L |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 2,5 x 10 | 200 | 840.31.25010L |
| 2,5 x 12 | 200 | 840.31.25012L |
| 2,5 x 16 | 200 | 840.31.25016L |
| 2,5 x 20 | 200 | 840.31.25020L |
| 2,5 x 25 | 200 | 840.31.25025L |
| 3 x 10 | 200 | 840.31.30010L |
| 3 x 12 | 200 | 840.31.30012L |
| 3 x 16 | 200 | 840.31.30016L |
| 3 x 20 | 200 | 840.31.30020L |
| 3 x 25 | 200 | 840.31.30025L |
| 3 x 30 | 200 | 840.31.30030L |
| 3 x 35 | 200 | 840.31.30035L |
| 3 x 40 | 200 | 840.31.30040L |
| 3,5 x 16 | 200 | 840.31.35016L |
| 3,5 x 20 | 200 | 840.31.35020L |
| 3,5 x 25 | 200 | 840.31.35025L |
| 3,5 x 30 | 200 | 840.31.35030L |
| 3,5 x 35 | 200 | 840.31.35035L |
| 3,5 x 40 | 200 | 840.31.35040L |
| 4 x 12 | 200 | 840.31.40012L |
| 4 x 16 | 200 | 840.31.40016L |
| 4 x 20 | 200 | 840.31.40020L |
| 4 x 25 | 200 | 840.31.40025L |
| 4 x 30 | 200 | 840.31.40030L |
| 4 x 35 | 200 | 840.31.40035L |
| 4 x 40 | 200 | 840.31.40040L |
| 4 x 45 | 200 | 840.31.40045L |
| 4 x 50 | 200 | 840.31.40050L |
| 4 x 60 | 200 | 840.31.40060L |
| 4,5 x 20 | 200 | 840.31.45020L |
| 4,5 x 25 | 200 | 840.31.45025L |
| 4,5 x 30 | 200 | 840.31.45030L |
| 4,5 x 35 | 200 | 840.31.45035L |
| 4,5 x 40 | 200 | 840.31.45040L |
| 4,5 x 45 | 200 | 840.31.45045L |
| 4,5 x 50 | 200 | 840.31.45050L |
| 4,5 x 60 | 200 | 840.31.45060L |
| 5 x 20 | 200 | 840.31.50020L |
| 5 x 25 | 200 | 840.31.50025L |
| 5 x 30 | 200 | 840.31.50030L |
| 5 x 35 | 200 | 840.31.50035L |
| 5 x 40 | 200 | 840.31.50040L |
| 5 x 45 | 200 | 840.31.50045L |
| 5 x 50 | 200 | 840.31.50050L |
| 5 x 60 | 200 | 840.31.50060L |
| 5 x 70 | 200 | 840.31.50070L |
| 5 x 80 | 200 | 840.31.50080L |
| 6 x 20 | 200 | 840.31.60020L |
| 6 x 25 | 200 | 840.31.60025L |
| 6 x 30 | 200 | 840.31.60030L |
| 6 x 35 | 200 | 840.31.60035L |
| 6 x 40 | 200 | 840.31.60040L |
| 6 x 50 | 200 | 840.31.60050L |
| 6 x 60 | 100 | 840.31.60060L |
| 6 x 70 | 100 | 840.31.60070L |
| 6 x 80 | 100 | 840.31.60080L |
| 6 x 90 | 100 | 840.31.60090L |
| 6 x 100 | 100 | 840.31.60100L |

### INOX A4

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 4 x 20 | 200 | 840.32.40020L |
| 4 x 25 | 200 | 840.32.40025L |
| 4 x 30 | 200 | 840.32.40030L |
| 4 x 35 | 200 | 840.32.40035L |
| 4 x 40 | 200 | 840.32.40040L |
| 4 x 50 | 200 | 840.32.40050L |
| 5 x 20 | 200 | 840.32.50020L |
| 5 x 25 | 200 | 840.32.50025L |
| 5 x 30 | 200 | 840.32.50030L |
| 5 x 40 | 200 | 840.32.50040L |
| 5 x 50 | 200 | 840.32.50050L |
| 5 x 60 | 200 | 840.32.50060L |
| 5 x 70 | 200 | 840.32.50070L |
| 6 x 30 | 200 | 840.32.60030L |
| 6 x 40 | 200 | 840.32.60040L |
| 6 x 50 | 200 | 840.32.60050L |
| 6 x 60 | 200 | 840.32.60060L |
| 6 x 70 | 100 | 840.32.60070L |
| 6 x 100 | 100 | 840.32.60100L |

### LAITON

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 1,6 x 8 | 500 | 840.50.16008L |
| 1,6 x 10 | 500 | 840.50.16010L |
| 1,6 x 12 | 500 | 840.50.16012L |
| 1,6 x 16 | 500 | 840.50.16016L |
| 2 x 8 | 500 | 840.50.20008L |
| 2 x 10 | 500 | 840.50.20010L |
| 2 x 12 | 500 | 840.50.20012L |
| 2 x 16 | 500 | 840.50.20016L |
| 2 x 20 | 500 | 840.50.20020L |
| 2,5 x 8 | 500 | 840.50.25008L |
| 2,5 x 10 | 500 | 840.50.25010L |
| 2,5 x 12 | 500 | 840.50.25012L |
| 2,5 x 16 | 500 | 840.50.25016L |
| 2,5 x 20 | 500 | 840.50.25020L |
| 2,5 x 25 | 500 | 840.50.25025L |
| 3 x 8 | 200 | 840.50.30008L |
| 3 x 10 | 200 | 840.50.30010L |
| 3 x 12 | 200 | 840.50.30012L |
| 3 x 16 | 200 | 840.50.30016L |
| 3 x 20 | 200 | 840.50.30020L |
| 3 x 25 | 200 | 840.50.30025L |
| 3 x 30 | 200 | 840.50.30030L |
| 3 x 35 | 200 | 840.50.30035L |
| 3 x 40 | 200 | 840.50.30040L |
| 3,5 x 10 | 200 | 840.50.35010L |
| 3,5 x 12 | 200 | 840.50.35012L |
| 3,5 x 16 | 200 | 840.50.35016L |
| 3,5 x 20 | 200 | 840.50.35020L |
| 3,5 x 25 | 200 | 840.50.35025L |
| 3,5 x 30 | 200 | 840.50.35030L |
| 3,5 x 35 | 200 | 840.50.35035L |

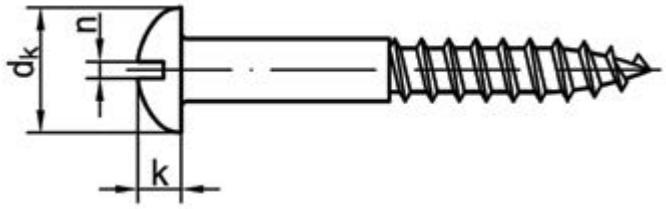


contact@tsr-industrie.fr - tél. : 03 27 26 12 10 - fax : 03 27 46 85 12

*SUITE*

# DIN 96

## Vis à bois tête ronde fendue




| Dimensions | 1.6 | 2 | 2,5 | 3 | 3.5 | 4 | 4,5 | 5 | 6 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|
| dk | 3.2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 16 |
| k | 1.1 | 1.4 | 1.7 | 2.1 | 2.4 | 2.8 | 3.1 | 3.5 | 4,2 | 5.6 |
| n | 0.4 | 0.5 | 0.6 | 0.8 | 0.8 | 1 | 1 | 1,2 | 1.6 | 2 |

### LAITON SUITE

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3,5 x 40 | 200 | 840.50.35040L |
| 3,5 x 45 | 200 | 840.50.35045L |
| 3,5 x 50 | 200 | 840.50.35050L |
| 4 x 10 | 200 | 840.50.40010L |
| 4 x 12 | 200 | 840.50.40012L |
| 4 x 16 | 200 | 840.50.40016L |
| 4 x 20 | 200 | 840.50.40020L |
| 4 x 25 | 200 | 840.50.40025L |
| 4 x 30 | 200 | 840.50.40030L |
| 4 x 35 | 200 | 840.50.40035L |
| 4 x 40 | 200 | 840.50.40040L |
| 4 x 45 | 200 | 840.50.40045L |
| 4 x 50 | 200 | 840.50.40050L |
| 4 x 60 | 200 | 840.50.40060L |
| 4,5 x 16 | 200 | 840.50.45016L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 4,5 x 20 | 200 | 840.50.45020L |
| 4,5 x 25 | 200 | 840.50.45025L |
| 4,5 x 30 | 200 | 840.50.45030L |
| 4,5 x 35 | 200 | 840.50.45035L |
| 4,5 x 40 | 200 | 840.50.45040L |
| 4,5 x 45 | 200 | 840.50.45045L |
| 4,5 x 50 | 200 | 840.50.45050L |
| 4,5 x 60 | 200 | 840.50.45060L |
| 5 x 12 | 200 | 840.50.50012L |
| 5 x 16 | 200 | 840.50.50016L |
| 5 x 20 | 200 | 840.50.50020L |
| 5 x 25 | 200 | 840.50.50025L |
| 5 x 30 | 200 | 840.50.50030L |
| 5 x 35 | 200 | 840.50.50035L |
| 5 x 40 | 200 | 840.50.50040L |
| 5 x 45 | 200 | 840.50.50045L |
| 5 x 50 | 200 | 840.50.50050L |

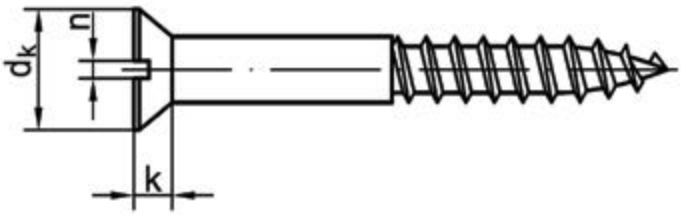
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 5 x 60 | 200 | 840.50.50060L |
| 5 x 70 | 200 | 840.50.50070L |
| 5 x 80 | 200 | 840.50.50080L |
| 6 x 20 | 200 | 840.50.60020L |
| 6 x 25 | 200 | 840.50.60025L |
| 6 x 30 | 200 | 840.50.60030L |
| 6 x 35 | 200 | 840.50.60035L |
| 6 x 40 | 200 | 840.50.60040L |
| 6 x 45 | 200 | 840.50.60045L |
| 6 x 50 | 200 | 840.50.60050L |
| 6 x 60 | 100 | 840.50.60060L |
| 6 x 70 | 100 | 840.50.60070L |
| 6 x 80 | 100 | 840.50.60080L |
| 6 x 100 | 100 | 840.50.60100L |

### LAITON NICKELÉ

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 2 x 10 | 500 | 840.51.20010L |
| 2,5 x 12 | 500 | 840.51.25012L |
| 2,5 x 16 | 500 | 840.51.25016L |
| 3 x 16 | 200 | 840.51.30016L |
| 3 x 20 | 200 | 840.51.30020L |
| 3 x 25 | 200 | 840.51.30025L |
| 3,5 x 16 | 200 | 840.51.35016L |
| 3,5 x 20 | 200 | 840.51.35020L |
| 3,5 x 25 | 200 | 840.51.35025L |
| 4 x 16 | 200 | 840.51.40016L |
| 4 x 20 | 200 | 840.51.40020L |
| 4 x 25 | 200 | 840.51.40025L |
| 4 x 30 | 200 | 840.51.40030L |
| 4 x 35 | 200 | 840.51.40035L |
| 4 x 40 | 200 | 840.51.40040L |

# DIN 97

## Vis à bois tête fraisée fendue




| Dimensions | 1.6 | 2 | 2,5 | 3 | 3.5 | 4 | 4,5 | 5 | 5.5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| dk | 3 | 3.8 | 4.7 | 5.6 | 6,5 | 7.5 | 8.3 | 9.2 | 10.2 | 11 | 12.5 | 14.5 |
| k | 0.96 | 1,2 | 1,5 | 1.65 | 1.93 | 2,2 | 2.35 | 2,5 | 2.75 | 3 | 3.5 | 4 |
| n | 0.4 | 0.5 | 0.6 | 0.8 | 0.8 | 1 | 1 | 1,2 | 1,2 | 1.6 | 2 | 2 |

### ACIER ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 1,6 x 10 | 500 | 843.02.16010L |
| 1,6 x 12 | 500 | 843.02.16012L |
| 1,6 x 16 | 500 | 843.02.16016L |
| 2 x 10 | 500 | 843.02.20010L |
| 2 x 12 | 500 | 843.02.20012L |
| 2 x 16 | 500 | 843.02.20016L |
| 2,5 x 10 | 500 | 843.02.25010L |
| 2,5 x 12 | 500 | 843.02.25012L |
| 2,5 x 16 | 500 | 843.02.25016L |
| 2,5 x 20 | 500 | 843.02.25020L |
| 2,5 x 25 | 500 | 843.02.25025L |
| 2,5 x 30 | 500 | 843.02.25030L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 10 | 200 | 843.02.30010L |
| 3 x 12 | 200 | 843.02.30012L |
| 3 x 16 | 200 | 843.02.30016L |
| 3 x 20 | 200 | 843.02.30020L |
| 3 x 25 | 200 | 843.02.30025L |
| 3 x 30 | 200 | 843.02.30030L |
| 3 x 35 | 200 | 843.02.30035L |
| 3 x 40 | 200 | 843.02.30040L |
| 3 x 50 | 200 | 843.02.30050L |
| 3,5 x 10 | 200 | 843.02.35010L |
| 3,5 x 12 | 200 | 843.02.35012L |
| 3,5 x 16 | 200 | 843.02.35016L |
| 3,5 x 20 | 200 | 843.02.35020L |
| 3,5 x 25 | 200 | 843.02.35025L |
| 3,5 x 30 | 200 | 843.02.35030L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3,5 x 35 | 200 | 843.02.35035L |
| 3,5 x 40 | 200 | 843.02.35040L |
| 3,5 x 45 | 200 | 843.02.35045L |
| 3,5 x 50 | 200 | 843.02.35050L |
| 3,5 x 60 | 200 | 843.02.35060L |
| 4 x 10 | 200 | 843.02.40010L |
| 4 x 12 | 200 | 843.02.40012L |
| 4 x 16 | 200 | 843.02.40016L |
| 4 x 20 | 200 | 843.02.40020L |
| 4 x 25 | 200 | 843.02.40025L |
| 4 x 30 | 200 | 843.02.40030L |
| 4 x 35 | 200 | 843.02.40035L |
| 4 x 40 | 200 | 843.02.40040L |
| 4 x 45 | 200 | 843.02.40045L |
| 4 x 50 | 200 | 843.02.40050L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 4 x 55 | 200 | 843.02.40055L |
| 4 x 60 | 200 | 843.02.40060L |
| 4 x 70 | 200 | 843.02.40070L |
| 4 x 80 | 200 | 843.02.40080L |
| 4 x 90 | 200 | 843.02.40090L |
| 4 x 100 | 200 | 843.02.40100L |
| 4,5 x 12 | 200 | 843.02.45012L |
| 4,5 x 16 | 200 | 843.02.45016L |
| 4,5 x 20 | 200 | 843.02.45020L |
| 4,5 x 25 | 200 | 843.02.45025L |
| 4,5 x 30 | 200 | 843.02.45030L |
| 4,5 x 35 | 200 | 843.02.45035L |
| 4,5 x 40 | 200 | 843.02.45040L |
| 4,5 x 45 | 200 | 843.02.45045L |
| 4,5 x 50 | 200 | 843.02.45050L |

# Vis à bois

*DIN 97 - suite*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 4,5 x 55 | 200 | 843.02.45055L |
| 4,5 x 60 | 200 | 843.02.45060L |
| 4,5 x 70 | 200 | 843.02.45070L |
| 5 x 16 | 200 | 843.02.50016L |
| 5 x 20 | 200 | 843.02.50020L |
| 5 x 25 | 200 | 843.02.50025L |
| 5 x 30 | 200 | 843.02.50030L |
| 5 x 35 | 200 | 843.02.50035L |
| 5 x 40 | 200 | 843.02.50040L |
| 5 x 45 | 200 | 843.02.50045L |
| 5 x 50 | 200 | 843.02.50050L |
| 5 x 55 | 200 | 843.02.50055L |
| 5 x 60 | 200 | 843.02.50060L |
| 5 x 65 | 200 | 843.02.50065L |
| 5 x 70 | 200 | 843.02.50070L |
| 5 x 80 | 200 | 843.02.50080L |
| 5 x 90 | 200 | 843.02.50090L |
| 5 x 100 | 200 | 843.02.50100L |
| 5 x 120 | 200 | 843.02.50120L |
| 6 x 20 | 200 | 843.02.60020L |
| 6 x 25 | 200 | 843.02.60025L |
| 6 x 30 | 200 | 843.02.60030L |
| 6 x 35 | 200 | 843.02.60035L |
| 6 x 40 | 200 | 843.02.60040L |
| 6 x 45 | 200 | 843.02.60045L |
| 6 x 50 | 200 | 843.02.60050L |
| 6 x 55 | 100 | 843.02.60055L |
| 6 x 60 | 100 | 843.02.60060L |
| 6 x 65 | 100 | 843.02.60065L |
| 6 x 70 | 100 | 843.02.60070L |
| 6 x 75 | 100 | 843.02.60075L |
| 6 x 80 | 100 | 843.02.60080L |
| 6 x 90 | 100 | 843.02.60090L |
| 6 x 100 | 100 | 843.02.60100L |
| 6 x 110 | 100 | 843.02.60110L |
| 6 x 120 | 100 | 843.02.60120L |
| 7 x 50 | 100 | 843.02.70050L |
| 7 x 60 | 100 | 843.02.70060L |
| 7 x 70 | 100 | 843.02.70070L |
| 7 x 80 | 100 | 843.02.70080L |
| 7 x 90 | 100 | 843.02.70090L |
| 7 x 100 | 100 | 843.02.70100L |
| 8 x 40 | 100 | 843.02.80040L |
| 8 x 45 | 100 | 843.02.80045L |
| 8 x 50 | 100 | 843.02.80050L |
| 8 x 60 | 100 | 843.02.80060L |
| 8 x 70 | 100 | 843.02.80070L |
| 8 x 80 | 100 | 843.02.80080L |
| 8 x 90 | 100 | 843.02.80090L |
| 8 x 100 | 100 | 843.02.80100L |

## INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 2,5 x 10 | 200 | 843.31.25010L |
| 2,5 x 12 | 200 | 843.31.25012L |
| 2,5 x 16 | 200 | 843.31.25016L |
| 2,5 x 20 | 200 | 843.31.25020L |
| 2,5 x 25 | 200 | 843.31.25025L |
| 3 x 10 | 200 | 843.31.30010L |
| 3 x 12 | 200 | 843.31.30012L |
| 3 x 16 | 200 | 843.31.30016L |
| 3 x 20 | 200 | 843.31.30020L |
| 3 x 25 | 200 | 843.31.30025L |
| 3 x 30 | 200 | 843.31.30030L |
| 3 x 35 | 200 | 843.31.30035L |
| 3 x 40 | 200 | 843.31.30040L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3,5 x 12 | 200 | 843.31.35012L |
| 3,5 x 16 | 200 | 843.31.35016L |
| 3,5 x 20 | 200 | 843.31.35020L |
| 3,5 x 25 | 200 | 843.31.35025L |
| 3,5 x 30 | 200 | 843.31.35030L |
| 3,5 x 35 | 200 | 843.31.35035L |
| 3,5 x 40 | 200 | 843.31.35040L |
| 4 x 12 | 200 | 843.31.40012L |
| 4 x 16 | 200 | 843.31.40016L |
| 4 x 20 | 200 | 843.31.40020L |
| 4 x 25 | 200 | 843.31.40025L |
| 4 x 30 | 200 | 843.31.40030L |
| 4 x 35 | 200 | 843.31.40035L |
| 4 x 40 | 200 | 843.31.40040L |
| 4 x 45 | 200 | 843.31.40045L |
| 4 x 50 | 200 | 843.31.40050L |
| 4 x 60 | 200 | 843.31.40060L |
| 4 x 70 | 200 | 843.31.40070L |
| 4,5 x 20 | 200 | 843.31.45020L |
| 4,5 x 25 | 200 | 843.31.45025L |
| 4,5 x 30 | 200 | 843.31.45030L |
| 4,5 x 35 | 200 | 843.31.45035L |
| 4,5 x 40 | 200 | 843.31.45040L |
| 4,5 x 45 | 200 | 843.31.45045L |
| 4,5 x 50 | 200 | 843.31.45050L |
| 4,5 x 60 | 200 | 843.31.45060L |
| 5 x 20 | 200 | 843.31.50020L |
| 5 x 25 | 200 | 843.31.50025L |
| 5 x 30 | 200 | 843.31.50030L |
| 5 x 35 | 200 | 843.31.50035L |
| 5 x 40 | 200 | 843.31.50040L |
| 5 x 45 | 200 | 843.31.50045L |
| 5 x 50 | 200 | 843.31.50050L |
| 5 x 60 | 200 | 843.31.50060L |
| 5 x 70 | 200 | 843.31.50070L |
| 5 x 80 | 200 | 843.31.50080L |
| 5 x 100 | 200 | 843.31.50100L |
| 6 x 20 | 200 | 843.31.60020L |
| 6 x 25 | 200 | 843.31.60025L |
| 6 x 30 | 200 | 843.31.60030L |
| 6 x 35 | 200 | 843.31.60035L |
| 6 x 40 | 200 | 843.31.60040L |
| 6 x 45 | 200 | 843.31.60045L |
| 6 x 50 | 200 | 843.31.60050L |
| 6 x 60 | 100 | 843.31.60060L |
| 6 x 70 | 100 | 843.31.60070L |
| 6 x 80 | 100 | 843.31.60080L |
| 6 x 90 | 100 | 843.31.60090L |
| 6 x 100 | 100 | 843.31.60100L |
| 8 x 50 | 100 | 843.31.80050L |
| 8 x 60 | 100 | 843.31.80060L |
| 8 x 70 | 100 | 843.31.80070L |
| 8 x 80 | 100 | 843.31.80080L |
| 8 x 90 | 100 | 843.31.80090L |
| 8 x 100 | 100 | 843.31.80100L |

## INOX A4

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3 x 10 | 200 | 843.32.30010L |
| 3 x 16 | 200 | 843.32.30016L |
| 3 x 20 | 200 | 843.32.30020L |
| 3 x 25 | 200 | 843.32.30025L |
| 3 x 30 | 200 | 843.32.30030L |
| 3,5 x 20 | 200 | 843.32.35020L |
| 3,5 x 30 | 200 | 843.32.35030L |
| 3,5 x 40 | 200 | 843.32.35040L |
| 4 x 16 | 200 | 843.32.40016L |
| 4 x 20 | 200 | 843.32.40020L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 4 x 25 | 200 | 843.32.40025L |
| 4 x 30 | 200 | 843.32.40030L |
| 4 x 35 | 200 | 843.32.40035L |
| 4 x 40 | 200 | 843.32.40040L |
| 4 x 50 | 200 | 843.32.40050L |
| 4 x 60 | 200 | 843.32.40060L |
| 4,5 x 25 | 200 | 843.32.45025L |
| 4,5 x 30 | 200 | 843.32.45030L |
| 4,5 x 40 | 200 | 843.32.45040L |
| 4,5 x 50 | 200 | 843.32.45050L |
| 5 x 20 | 200 | 843.32.50020L |
| 5 x 25 | 200 | 843.32.50025L |
| 5 x 30 | 200 | 843.32.50030L |
| 5 x 35 | 200 | 843.32.50035L |
| 5 x 40 | 200 | 843.32.50040L |
| 5 x 50 | 200 | 843.32.50050L |
| 5 x 60 | 200 | 843.32.50060L |
| 6 x 25 | 200 | 843.32.60025L |
| 6 x 35 | 200 | 843.32.60035L |
| 6 x 40 | 200 | 843.32.60040L |
| 6 x 50 | 200 | 843.32.60050L |
| 6 x 60 | 100 | 843.32.60060L |
| 6 x 70 | 100 | 843.32.60070L |
| 6 x 80 | 100 | 843.32.60080L |
| 8 x 40 | 100 | 843.32.80040L |
| 8 x 50 | 100 | 843.32.80050L |
| 8 x 60 | 100 | 843.32.80060L |
| 8 x 70 | 100 | 843.32.80070L |
| 8 x 80 | 100 | 843.32.80080L |
| 8 x 100 | 100 | 843.32.80100L |

## LAITON

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 1,6 x 8 | 500 | 843.50.16008L |
| 1,6 x 10 | 500 | 843.50.16010L |
| 1,6 x 12 | 500 | 843.50.16012L |
| 1,6 x 16 | 500 | 843.50.16016L |
| 2 x 8 | 500 | 843.50.20008L |
| 2 x 10 | 500 | 843.50.20010L |
| 2 x 12 | 500 | 843.50.20012L |
| 2 x 16 | 500 | 843.50.20016L |
| 2 x 20 | 500 | 843.50.20020L |
| 2,5 x 8 | 500 | 843.50.25008L |
| 2,5 x 10 | 500 | 843.50.25010L |
| 2,5 x 12 | 500 | 843.50.25012L |
| 2,5 x 16 | 500 | 843.50.25016L |
| 2,5 x 20 | 500 | 843.50.25020L |
| 2,5 x 25 | 500 | 843.50.25025L |
| 2,5 x 30 | 500 | 843.50.25030L |
| 3 x 8 | 200 | 843.50.30008L |
| 3 x 10 | 200 | 843.50.30010L |
| 3 x 12 | 200 | 843.50.30012L |
| 3 x 16 | 200 | 843.50.30016L |
| 3 x 20 | 200 | 843.50.30020L |
| 3 x 25 | 200 | 843.50.30025L |
| 3 x 30 | 200 | 843.50.30030L |
| 3 x 35 | 200 | 843.50.30035L |
| 3 x 40 | 200 | 843.50.30040L |
| 3 x 45 | 200 | 843.50.30045L |
| 3 x 50 | 200 | 843.50.30050L |
| 3,5 x 10 | 200 | 843.50.35010L |
| 3,5 x 12 | 200 | 843.50.35012L |
| 3,5 x 16 | 200 | 843.50.35016L |
| 3,5 x 20 | 200 | 843.50.35020L |
| 3,5 x 25 | 200 | 843.50.35025L |
| 3,5 x 30 | 200 | 843.50.35030L |
| 3,5 x 35 | 200 | 843.50.35035L |
| 3,5 x 40 | 200 | 843.50.35040L |

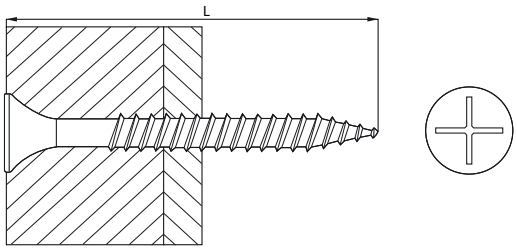
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 3,5 x 45 | 200 | 843.50.35045L |
| 3,5 x 50 | 200 | 843.50.35050L |
| 4 x 10 | 200 | 843.50.40010L |
| 4 x 12 | 200 | 843.50.40012L |
| 4 x 16 | 200 | 843.50.40016L |
| 4 x 20 | 200 | 843.50.40020L |
| 4 x 25 | 200 | 843.50.40025L |
| 4 x 30 | 200 | 843.50.40030L |
| 4 x 35 | 200 | 843.50.40035L |
| 4 x 40 | 200 | 843.50.40040L |
| 4 x 45 | 200 | 843.50.40045L |
| 4 x 50 | 200 | 843.50.40050L |
| 4 x 60 | 200 | 843.50.40060L |
| 4,5 x 16 | 200 | 843.50.45016L |
| 4,5 x 20 | 200 | 843.50.45020L |
| 4,5 x 25 | 200 | 843.50.45025L |
| 4,5 x 30 | 200 | 843.50.45030L |
| 4,5 x 35 | 200 | 843.50.45035L |
| 4,5 x 40 | 200 | 843.50.45040L |
| 4,5 x 45 | 200 | 843.50.45045L |
| 4,5 x 50 | 200 | 843.50.45050L |
| 4,5 x 60 | 200 | 843.50.45060L |
| 5 x 16 | 200 | 843.50.50016L |
| 5 x 20 | 200 | 843.50.50020L |
| 5 x 25 | 200 | 843.50.50025L |
| 5 x 30 | 200 | 843.50.50030L |
| 5 x 35 | 200 | 843.50.50035L |
| 5 x 40 | 200 | 843.50.50040L |
| 5 x 45 | 200 | 843.50.50045L |
| 5 x 50 | 200 | 843.50.50050L |
| 5 x 55 | 200 | 843.50.50055L |
| 5 x 60 | 200 | 843.50.50060L |
| 5 x 70 | 200 | 843.50.50070L |
| 5 x 80 | 200 | 843.50.50080L |
| 5 x 90 | 200 | 843.50.50090L |
| 5 x 100 | 200 | 843.50.50100L |
| 5,5 x 35 | 200 | 843.50.55035L |
| 5,5 x 40 | 200 | 843.50.55040L |
| 5,5 x 45 | 200 | 843.50.55045L |
| 5,5 x 50 | 200 | 843.50.55050L |
| 5,5 x 60 | 100 | 843.50.55060L |
| 6 x 20 | 200 | 843.50.60020L |
| 6 x 25 | 200 | 843.50.60025L |
| 6 x 30 | 200 | 843.50.60030L |
| 6 x 35 | 200 | 843.50.60035L |
| 6 x 40 | 200 | 843.50.60040L |
| 6 x 45 | 200 | 843.50.60045L |
| 6 x 50 | 200 | 843.50.60050L |
| 6 x 60 | 100 | 843.50.60060L |
| 6 x 70 | 100 | 843.50.60070L |
| 6 x 80 | 100 | 843.50.60080L |
| 6 x 90 | 100 | 843.50.60090L |
| 6 x 100 | 100 | 843.50.60100L |
| 8 x 50 | 100 | 843.50.80050L |
| 8 x 60 | 100 | 843.50.80060L |
| 8 x 70 | 100 | 843.50.80070L |
| 8 x 80 | 100 | 843.50.80080L |
| 8 x 100 | 100 | 843.50.80100L |



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# DIN 18182 TN

## Vis pour plaques de plâtre



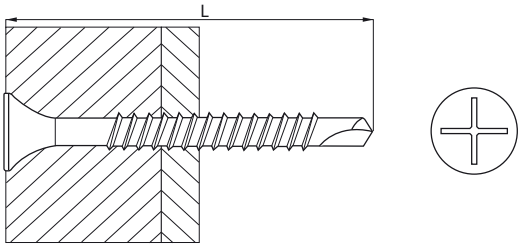

### ACIER PHOSPHATÉ

| Diam x | L | Cdt | Réf. TSR |
|---|---|---|---|
| 3,5 x | 25 | 1000 | 850.01.35025L |
| 3,5 x | 25 | 200 | 850.01.35025S |
| 3,5 x | 35 | 1000 | 850.01.35035L |
| 3,5 x | 35 | 200 | 850.01.35035S |
| 3,5 x | 45 | 1000 | 850.01.35045L |
| 3,5 x | 45 | 200 | 850.01.35045S |
| 3,5 x | 55 | 1000 | 850.01.35055L |
| 3,9 x | 25 | 1000 | 850.01.39025L |

| Diam x | L | Cdt | Réf. TSR |
|---|---|---|---|
| 3,9 x | 30 | 1000 | 850.01.39030L |
| 3,9 x | 35 | 1000 | 850.01.39035L |
| 3,9 x | 45 | 1000 | 850.01.39045L |
| 3,9 x | 55 | 1000 | 850.01.39055L |
| 4,2 x | 65 | 500 | 850.01.42065L |
| 4,2 x | 75 | 500 | 850.01.42075L |
| 4,2 x | 80 | 500 | 850.01.42080L |
| 4,2 x | 85 | 500 | 850.01.42085L |
| 4,8 x | 110 | 100 | 850.01.48110S |
| 4,8 x | 110 | 1500 | 850.01.48110L |

# DIN 18182 TB

## Vis pour plaques de plâtre
## Pointe foret




### ACIER PHOSPHATÉ

| Diam x | L | Cdt | Réf. TSR |
|---|---|---|---|
| 3,5 x | 25 | 1000 | 852.01.35025L |
| 3,5 x | 35 | 1000 | 852.01.35035L |
| 3,5 x | 45 | 1000 | 852.01.35045L |
| 3,5 x | 55 | 1000 | 852.01.35055L |

## Visseuse plaque de plâtre 18 V Li-Ion 4 Ah

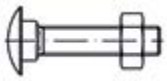


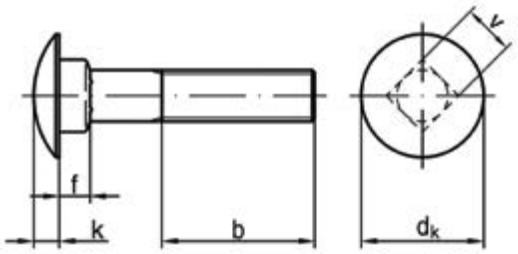

Machine légère et compacte
Prise en main et équilibre étudiés pour un maximum d'efficacité et de confort.
Interrupteur à variateur de vitesse surdimensionné, facile à actionner à deux doigts.
Embrayage haute résistance et silencieux.
Travail dans les lieux sombres facilité avec l'éclairage à LED.Positionneur réglable et démontable en un geste.
Crochet ceinture universel.

| Réf. 507.3660 | |
|---|---|
| Puissance | |
| Tension | 18 V |
| Batterie | |
| Composition chimique batterie | Li-Ion |
| Capacité de batterie | 4 Ah |
| Temps de charge en moyenne | 36 min. |
| Nombre de batteries fournies | 2 |
| Régime | |
| Vitesse à vide max. | 0 à 4000 tr/min |
| Capacité de serrage | |
| Capacité : vis plaque de plâtre | 4 mm |
| Capacité : vis autoforeuse | 4 mm |
| Général | |
| Dimensions (L x l x h) | 281 x 80 x 241 mm |
| Poids net | 1,5 kg |

## Vis agricole

# DIN 603/555






## Boulon Jappy à collet carré
## Vis DIN 603 et écrou hexagonal DIN 555

| Dimensions | M 5 | M 6 | M 8 | M 10 | M 12 | M 16 | M 20 |
|---|---|---|---|---|---|---|---|
| dk | 13.5 | 16.55 | 20.65 | 24.65 | 30.65 | 38.8 | 46.8 |
| k | 3.3 | 3.88 | 4.88 | 5.38 | 6.95 | 8.95 | 11.05 |
| f | 4.1 | 4.6 | 5.6 | 6.6 | 8.75 | 12.9 | 15.9 |
| v | 5.48 | 6.48 | 8.58 | 10.58 | 12.7 | 16.7 | 20.84 |
| b1 | 16 | 18 | 22 | 26 | 30 | 38 | 46 |
| b2 | 22 | 24 | 28 | 32 | 36 | 44 | 52 |
| b3 | - | - | 41 | 45 | 49 | 57 | 65 |
| Pas | 0.8 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 |

b1 pour L ≤ 125 mm - pour L ≤ 200 mm - pour L > 200 mm

### ACIER ≥ 4.6 BRUT

*Avec écrou*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 16 | 500 | 860.01.05016L |
| M 5 x 20 | 500 | 860.01.05020L |
| M 5 x 25 | 500 | 860.01.05025L |
| M 5 x 30 | 500 | 860.01.05030L |
| M 5 x 35 | 200 | 860.01.05035L |
| M 5 x 40 | 200 | 860.01.05040L |
| M 5 x 45 | 200 | 860.01.05045L |
| M 5 x 50 | 200 | 860.01.05050L |
| M 5 x 60 | 200 | 860.01.05060L |
| M 5 x 70 | 200 | 860.01.05070L |
| M 6 x 16 | 500 | 860.01.06016L |
| M 6 x 20 | 500 | 860.01.06020L |
| M 6 x 25 | 500 | 860.01.06025L |
| M 6 x 30 | 500 | 860.01.06030L |
| M 6 x 35 | 200 | 860.01.06035L |
| M 6 x 40 | 200 | 860.01.06040L |
| M 6 x 45 | 200 | 860.01.06045L |
| M 6 x 50 | 200 | 860.01.06050L |
| M 6 x 55 | 200 | 860.01.06055L |
| M 6 x 60 | 200 | 860.01.06060L |
| M 6 x 65 | 200 | 860.01.06065L |
| M 6 x 70 | 200 | 860.01.06070L |
| M 6 x 80 | 200 | 860.01.06080L |
| M 6 x 90 | 100 | 860.01.06090L |
| M 6 x 100 | 100 | 860.01.06100L |
| M 6 x 110 | 100 | 860.01.06110L |
| M 6 x 120 | 100 | 860.01.06120L |
| M 6 x 130 | 100 | 860.01.06130L |
| M 8 x 16 | 200 | 860.01.08016L |
| M 8 x 20 | 200 | 860.01.08020L |
| M 8 x 25 | 200 | 860.01.08025L |
| M 8 x 30 | 200 | 860.01.08030L |
| M 8 x 35 | 200 | 860.01.08035L |
| M 8 x 40 | 200 | 860.01.08040L |
| M 8 x 45 | 200 | 860.01.08045L |
| M 8 x 50 | 200 | 860.01.08050L |
| M 8 x 55 | 200 | 860.01.08055L |
| M 8 x 60 | 200 | 860.01.08060L |
| M 8 x 65 | 200 | 860.01.08065L |
| M 8 x 70 | 200 | 860.01.08070L |
| M 8 x 75 | 200 | 860.01.08075L |
| M 8 x 80 | 200 | 860.01.08080L |
| M 8 x 90 | 100 | 860.01.08090L |
| M 8 x 100 | 100 | 860.01.08100L |
| M 8 x 110 | 100 | 860.01.08110L |
| M 8 x 120 | 100 | 860.01.08120L |
| M 8 x 130 | 100 | 860.01.08130L |
| M 8 x 140 | 100 | 860.01.08140L |
| M 8 x 150 | 100 | 860.01.08150L |
| M 8 x 160 | 100 | 860.01.08160L |
| M 8 x 170 | 50 | 860.01.08170L |
| M 8 x 180 | 50 | 860.01.08180L |
| M 10 x 20 | 200 | 860.01.10020L |
| M 10 x 25 | 200 | 860.01.10025L |
| M 10 x 30 | 200 | 860.01.10030L |
| M 10 x 35 | 100 | 860.01.10035L |
| M 10 x 40 | 100 | 860.01.10040L |
| M 10 x 45 | 100 | 860.01.10045L |
| M 10 x 50 | 100 | 860.01.10050L |
| M 10 x 55 | 100 | 860.01.10055L |
| M 10 x 60 | 100 | 860.01.10060L |
| M 10 x 65 | 100 | 860.01.10065L |
| M 10 x 70 | 100 | 860.01.10070L |
| M 10 x 80 | 100 | 860.01.10080L |
| M 10 x 90 | 100 | 860.01.10090L |
| M 10 x 100 | 100 | 860.01.10100L |
| M 10 x 110 | 50 | 860.01.10110L |
| M 10 x 120 | 50 | 860.01.10120L |
| M 10 x 130 | 50 | 860.01.10130L |
| M 10 x 140 | 50 | 860.01.10140L |
| M 10 x 150 | 50 | 860.01.10150L |
| M 10 x 160 | 50 | 860.01.10160L |
| M 10 x 170 | 50 | 860.01.10170L |
| M 10 x 180 | 50 | 860.01.10180L |
| M 10 x 190 | 50 | 860.01.10190L |
| M 10 x 200 | 50 | 860.01.10200L |
| M 10 x 220 | 25 | 860.01.10220L |
| M 10 x 240 | 25 | 860.01.10240L |
| M 10 x 260 | 25 | 860.01.10260L |
| M 10 x 280 | 25 | 860.01.10280L |
| M 10 x 300 | 25 | 860.01.10300L |
| M 12 x 25 | 100 | 860.01.12025L |
| M 12 x 30 | 100 | 860.01.12030L |
| M 12 x 35 | 100 | 860.01.12035L |
| M 12 x 40 | 100 | 860.01.12040L |
| M 12 x 45 | 100 | 860.01.12045L |
| M 12 x 50 | 100 | 860.01.12050L |
| M 12 x 55 | 100 | 860.01.12055L |
| M 12 x 60 | 100 | 860.01.12060L |
| M 12 x 65 | 50 | 860.01.12065L |
| M 12 x 70 | 50 | 860.01.12070L |
| M 12 x 75 | 50 | 860.01.12075L |
| M 12 x 80 | 50 | 860.01.12080L |
| M 12 x 90 | 50 | 860.01.12090L |
| M 12 x 100 | 50 | 860.01.12100L |
| M 12 x 110 | 50 | 860.01.12110L |
| M 12 x 120 | 50 | 860.01.12120L |
| M 12 x 130 | 50 | 860.01.12130L |
| M 12 x 140 | 50 | 860.01.12140L |
| M 12 x 150 | 50 | 860.01.12150L |
| M 12 x 160 | 25 | 860.01.12160L |
| M 12 x 170 | 25 | 860.01.12170L |
| M 12 x 180 | 25 | 860.01.12180L |
| M 12 x 190 | 25 | 860.01.12190L |
| M 12 x 200 | 25 | 860.01.12200L |
| M 12 x 220 | 25 | 860.01.12220L |
| M 12 x 240 | 25 | 860.01.12240L |
| M 12 x 250 | 25 | 860.01.12250L |
| M 12 x 260 | 25 | 860.01.12260L |
| M 12 x 280 | 25 | 860.01.12280L |
| M 12 x 300 | 25 | 860.01.12300L |
| M 12 x 320 | 25 | 860.01.12320L |
| M 12 x 340 | 25 | 860.01.12340L |
| M 12 x 360 | 25 | 860.01.12360L |
| M 12 x 380 | 25 | 860.01.12380L |
| M 12 x 400 | 25 | 860.01.12400L |
| M 16 x 40 | 50 | 860.01.16040L |
| M 16 x 45 | 50 | 860.01.16045L |
| M 16 x 50 | 50 | 860.01.16050L |
| M 16 x 55 | 50 | 860.01.16055L |
| M 16 x 60 | 50 | 860.01.16060L |
| M 16 x 65 | 25 | 860.01.16065L |
| M 16 x 70 | 25 | 860.01.16070L |
| M 16 x 75 | 25 | 860.01.16075L |
| M 16 x 80 | 25 | 860.01.16080L |
| M 16 x 90 | 25 | 860.01.16090L |
| M 16 x 100 | 25 | 860.01.16100L |
| M 16 x 110 | 25 | 860.01.16110L |
| M 16 x 120 | 25 | 860.01.16120L |
| M 16 x 130 | 25 | 860.01.16130L |
| M 16 x 140 | 25 | 860.01.16140L |
| M 16 x 150 | 25 | 860.01.16150L |
| M 16 x 160 | 25 | 860.01.16160L |
| M 16 x 170 | 25 | 860.01.16170L |
| M 16 x 180 | 25 | 860.01.16180L |
| M 16 x 200 | 25 | 860.01.16200L |
| M 16 x 220 | 25 | 860.01.16220L |
| M 16 x 240 | 25 | 860.01.16240L |
| M 16 x 260 | 25 | 860.01.16260L |
| M 16 x 280 | 25 | 860.01.16280L |
| M 16 x 300 | 25 | 860.01.16300L |
| M 16 x 320 | 10 | 860.01.16320L |
| M 16 x 340 | 10 | 860.01.16340L |
| M 16 x 360 | 10 | 860.01.16360L |
| M 16 x 400 | 10 | 860.01.16400L |
| M 20 x 80 | 25 | 860.01.20080L |
| M 20 x 100 | 25 | 860.01.20100L |
| M 20 x 120 | 25 | 860.01.20120L |
| M 20 x 140 | 1 | 860.01.20140L |
| M 20 x 160 | 1 | 860.01.20160L |
| M 20 x 180 | 1 | 860.01.20180L |
| M 20 x 200 | 1 | 860.01.20200L |
| M 20 x 220 | 1 | 860.01.20220L |
| M 20 x 240 | 1 | 860.01.20240L |
| M 20 x 280 | 1 | 860.01.20280L |
| M 20 x 300 | 1 | 860.01.20300L |

### ACIER ≥ 4.6 ZB

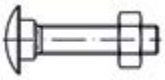
*Avec écrou*

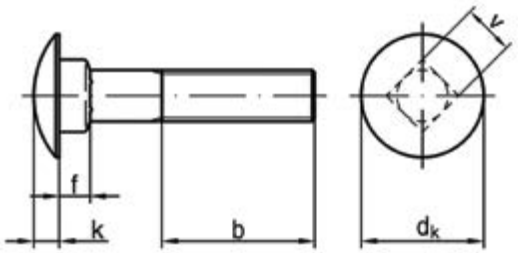
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 16 | 500 | 860.02.05016L |
| M 5 x 16 | 100 | 860.02.05016S |
| M 5 x 20 | 500 | 860.02.05020L |
| M 5 x 20 | 100 | 860.02.05020S |
| M 5 x 25 | 500 | 860.02.05025L |
| M 5 x 25 | 100 | 860.02.05025S |
| M 5 x 30 | 500 | 860.02.05030L |
| M 5 x 30 | 100 | 860.02.05030S |
| M 5 x 35 | 200 | 860.02.05035L |
| M 5 x 40 | 200 | 860.02.05040L |
| M 5 x 45 | 200 | 860.02.05045L |
| M 5 x 50 | 200 | 860.02.05050L |
| M 5 x 55 | 200 | 860.02.05055L |
| M 5 x 60 | 200 | 860.02.05060L |
| M 5 x 65 | 200 | 860.02.05065L |
| M 5 x 70 | 200 | 860.02.05070L |
| M 5 x 80 | 200 | 860.02.05080L |
| M 5 x 90 | 200 | 860.02.05090L |
| M 6 x 16 | 500 | 860.02.06016L |
| M 6 x 16 | 100 | 860.02.06016S |
| M 6 x 20 | 500 | 860.02.06020L |
| M 6 x 20 | 100 | 860.02.06020S |
| M 6 x 25 | 500 | 860.02.06025L |
| M 6 x 25 | 100 | 860.02.06025S |
| M 6 x 30 | 500 | 860.02.06030L |
| M 6 x 30 | 100 | 860.02.06030S |
| M 6 x 35 | 200 | 860.02.06035L |



contact@tsr-industrie.fr - tél. : 03 27 26 12 10 - fax : 03 27 46 85 12

# SUITE
# DIN 603/555






## Boulon Jappy à collet carré
## Vis DIN 603 et écrou hexagonal DIN 555

| Dimensions | M 5 | M 6 | M 8 | M 10 | M 12 | M 16 | M 20 |
|---|---|---|---|---|---|---|---|
| dk | 13.5 | 16.55 | 20.65 | 24.65 | 30.65 | 38.8 | 46.8 |
| k | 3.3 | 3.88 | 4.88 | 5.38 | 6.95 | 8.95 | 11.05 |
| f | 4.1 | 4.6 | 5.6 | 6.6 | 8.75 | 12.9 | 15.9 |
| v | 5.48 | 6.48 | 8.58 | 10.58 | 12.7 | 16.7 | 20.84 |
| b1 | 16 | 18 | 22 | 26 | 30 | 38 | 46 |
| b2 | 22 | 24 | 28 | 32 | 36 | 44 | 52 |
| b3 | - | - | 41 | 45 | 49 | 57 | 65 |
| Pas | 0.8 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 |

b1 pour L ≤ 125 mm - pour L ≤ 200 mm - pour L > 200 mm

## ACIER ≥ 4.6 ZB SUITE

*Avec écrou*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 40 | 200 | 860.02.06040L |
| M 6 x 45 | 200 | 860.02.06045L |
| M 6 x 50 | 200 | 860.02.06050L |
| M 6 x 55 | 200 | 860.02.06055L |
| M 6 x 60 | 200 | 860.02.06060L |
| M 6 x 65 | 200 | 860.02.06065L |
| M 6 x 70 | 200 | 860.02.06070L |
| M 6 x 75 | 200 | 860.02.06075L |
| M 6 x 80 | 200 | 860.02.06080L |
| M 6 x 90 | 100 | 860.02.06090L |
| M 6 x 100 | 100 | 860.02.06100L |
| M 6 x 110 | 100 | 860.02.06110L |
| M 6 x 120 | 100 | 860.02.06120L |
| M 6 x 130 | 100 | 860.02.06130L |
| M 6 x 140 | 100 | 860.02.06140L |
| M 6 x 150 | 100 | 860.02.06150L |
| M 8 x 16 | 200 | 860.02.08016L |
| M 8 x 20 | 200 | 860.02.08020L |
| M 8 x 25 | 200 | 860.02.08025L |
| M 8 x 30 | 200 | 860.02.08030L |
| M 8 x 35 | 200 | 860.02.08035L |
| M 8 x 40 | 200 | 860.02.08040L |
| M 8 x 45 | 200 | 860.02.08045L |
| M 8 x 50 | 200 | 860.02.08050L |
| M 8 x 55 | 200 | 860.02.08055L |
| M 8 x 60 | 200 | 860.02.08060L |
| M 8 x 65 | 200 | 860.02.08065L |
| M 8 x 70 | 200 | 860.02.08070L |
| M 8 x 75 | 200 | 860.02.08075L |
| M 8 x 80 | 200 | 860.02.08080L |
| M 8 x 90 | 100 | 860.02.08090L |
| M 8 x 100 | 100 | 860.02.08100L |
| M 8 x 110 | 100 | 860.02.08110L |
| M 8 x 120 | 100 | 860.02.08120L |
| M 8 x 130 | 100 | 860.02.08130L |
| M 8 x 140 | 100 | 860.02.08140L |
| M 8 x 150 | 100 | 860.02.08150L |
| M 8 x 160 | 100 | 860.02.08160L |
| M 8 x 170 | 50 | 860.02.08170L |
| M 8 x 180 | 50 | 860.02.08180L |
| M 8 x 190 | 50 | 860.02.08190L |
| M 8 x 200 | 50 | 860.02.08200L |
| M 10 x 20 | 200 | 860.02.10020L |
| M 10 x 25 | 200 | 860.02.10025L |
| M 10 x 30 | 200 | 860.02.10030L |
| M 10 x 35 | 100 | 860.02.10035L |
| M 10 x 40 | 100 | 860.02.10040L |
| M 10 x 45 | 100 | 860.02.10045L |
| M 10 x 50 | 100 | 860.02.10050L |
| M 10 x 55 | 100 | 860.02.10055L |
| M 10 x 60 | 100 | 860.02.10060L |
| M 10 x 65 | 100 | 860.02.10065L |
| M 10 x 70 | 100 | 860.02.10070L |
| M 10 x 75 | 100 | 860.02.10075L |
| M 10 x 80 | 100 | 860.02.10080L |
| M 10 x 90 | 100 | 860.02.10090L |
| M 10 x 100 | 100 | 860.02.10100L |
| M 10 x 110 | 50 | 860.02.10110L |
| M 10 x 120 | 50 | 860.02.10120L |
| M 10 x 130 | 50 | 860.02.10130L |
| M 10 x 140 | 50 | 860.02.10140L |
| M 10 x 150 | 50 | 860.02.10150L |
| M 10 x 160 | 50 | 860.02.10160L |
| M 10 x 170 | 50 | 860.02.10170L |
| M 10 x 180 | 50 | 860.02.10180L |
| M 10 x 190 | 50 | 860.02.10190L |
| M 10 x 200 | 50 | 860.02.10200L |
| M 10 x 220 | 25 | 860.02.10220L |
| M 10 x 240 | 25 | 860.02.10240L |
| M 10 x 260 | 25 | 860.02.10260L |
| M 10 x 280 | 25 | 860.02.10280L |
| M 10 x 300 | 25 | 860.02.10300L |
| M 12 x 30 | 100 | 860.02.12030L |
| M 12 x 35 | 100 | 860.02.12035L |
| M 12 x 40 | 100 | 860.02.12040L |
| M 12 x 45 | 100 | 860.02.12045L |
| M 12 x 50 | 100 | 860.02.12050L |
| M 12 x 55 | 100 | 860.02.12055L |
| M 12 x 60 | 100 | 860.02.12060L |
| M 12 x 65 | 50 | 860.02.12065L |
| M 12 x 70 | 50 | 860.02.12070L |
| M 12 x 75 | 50 | 860.02.12075L |
| M 12 x 80 | 50 | 860.02.12080L |
| M 12 x 90 | 50 | 860.02.12090L |
| M 12 x 100 | 50 | 860.02.12100L |
| M 12 x 110 | 50 | 860.02.12110L |
| M 12 x 120 | 50 | 860.02.12120L |
| M 12 x 130 | 50 | 860.02.12130L |
| M 12 x 140 | 50 | 860.02.12140L |
| M 12 x 150 | 50 | 860.02.12150L |
| M 12 x 160 | 25 | 860.02.12160L |
| M 12 x 170 | 25 | 860.02.12170L |
| M 12 x 180 | 25 | 860.02.12180L |
| M 12 x 190 | 25 | 860.02.12190L |
| M 12 x 200 | 25 | 860.02.12200L |
| M 12 x 220 | 25 | 860.02.12220L |
| M 12 x 240 | 25 | 860.02.12240L |
| M 12 x 250 | 25 | 860.02.12250L |
| M 12 x 260 | 25 | 860.02.12260L |
| M 12 x 280 | 25 | 860.02.12280L |
| M 12 x 300 | 25 | 860.02.12300L |
| M 12 x 320 | 25 | 860.02.12320L |
| M 12 x 340 | 25 | 860.02.12340L |
| M 12 x 360 | 25 | 860.02.12360L |
| M 12 x 380 | 25 | 860.02.12380L |
| M 12 x 400 | 25 | 860.02.12400L |
| M 16 x 35 | 50 | 860.02.16035L |
| M 16 x 40 | 50 | 860.02.16040L |
| M 16 x 45 | 50 | 860.02.16045L |
| M 16 x 50 | 50 | 860.02.16050L |
| M 16 x 55 | 50 | 860.02.16055L |
| M 16 x 60 | 50 | 860.02.16060L |
| M 16 x 65 | 25 | 860.02.16065L |
| M 16 x 70 | 25 | 860.02.16070L |
| M 16 x 75 | 25 | 860.02.16075L |
| M 16 x 80 | 25 | 860.02.16080L |
| M 16 x 90 | 25 | 860.02.16090L |
| M 16 x 100 | 25 | 860.02.16100L |
| M 16 x 110 | 25 | 860.02.16110L |
| M 16 x 120 | 25 | 860.02.16120L |
| M 16 x 130 | 25 | 860.02.16130L |
| M 16 x 140 | 25 | 860.02.16140L |
| M 16 x 150 | 25 | 860.02.16150L |
| M 16 x 160 | 25 | 860.02.16160L |
| M 16 x 170 | 25 | 860.02.16170L |
| M 16 x 180 | 25 | 860.02.16180L |
| M 16 x 190 | 25 | 860.02.16190L |
| M 16 x 200 | 25 | 860.02.16200L |
| M 16 x 220 | 25 | 860.02.16220L |
| M 16 x 240 | 25 | 860.02.16240L |
| M 16 x 260 | 25 | 860.02.16260L |
| M 16 x 280 | 25 | 860.02.16280L |
| M 16 x 300 | 25 | 860.02.16300L |
| M 16 x 320 | 10 | 860.02.16320L |
| M 16 x 340 | 10 | 860.02.16340L |
| M 16 x 360 | 10 | 860.02.16360L |
| M 16 x 380 | 10 | 860.02.16380L |
| M 16 x 400 | 10 | 860.02.16400L |
| M 20 x 80 | 25 | 860.02.20080L |
| M 20 x 100 | 25 | 860.02.20100L |
| M 20 x 120 | 25 | 860.02.20120L |
| M 20 x 140 | 1 | 860.02.20140L |
| M 20 x 180 | 1 | 860.02.20180L |
| M 20 x 200 | 1 | 860.02.20200L |
| M 20 x 240 | 1 | 860.02.20240L |
| M 20 x 280 | 1 | 860.02.20280L |
| M 20 x 300 | 1 | 860.02.20300L |

## ACIER 8.8 ZB

*Sans écrou*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 10 | 500 | 861.02.06010L |
| M 6 x 16 | 500 | 861.02.06016L |
| M 6 x 20 | 500 | 861.02.06020L |
| M 6 x 25 | 500 | 861.02.06025L |
| M 6 x 30 | 500 | 861.02.06030L |
| M 6 x 35 | 200 | 861.02.06035L |
| M 6 x 40 | 200 | 861.02.06040L |
| M 6 x 45 | 200 | 861.02.06045L |
| M 6 x 50 | 200 | 861.02.06050L |
| M 6 x 60 | 200 | 861.02.06060L |
| M 6 x 70 | 200 | 861.02.06070L |
| M 8 x 16 | 200 | 861.02.08016L |
| M 8 x 20 | 200 | 861.02.08020L |
| M 8 x 25 | 200 | 861.02.08025L |
| M 8 x 30 | 200 | 861.02.08030L |
| M 8 x 35 | 200 | 861.02.08035L |
| M 8 x 40 | 200 | 861.02.08040L |
| M 8 x 45 | 200 | 861.02.08045L |
| M 8 x 50 | 200 | 861.02.08050L |
| M 8 x 55 | 200 | 861.02.08055L |
| M 8 x 60 | 200 | 861.02.08060L |
| M 8 x 65 | 200 | 861.02.08065L |
| M 8 x 70 | 200 | 861.02.08070L |
| M 8 x 80 | 200 | 861.02.08080L |
| M 8 x 90 | 100 | 861.02.08090L |
| M 8 x 100 | 100 | 861.02.08100L |
| M 8 x 110 | 100 | 861.02.08110L |
| M 8 x 120 | 100 | 861.02.08120L |
| M 8 x 140 | 100 | 861.02.08140L |
| M 10 x 20 | 200 | 861.02.10020L |
| M 10 x 25 | 200 | 861.02.10025L |
| M 10 x 30 | 200 | 861.02.10030L |
| M 10 x 35 | 100 | 861.02.10035L |
| M 10 x 40 | 100 | 861.02.10040L |
| M 10 x 45 | 100 | 861.02.10045L |
| M 10 x 50 | 100 | 861.02.10050L |

## Vis agricole

*DIN 603/555- suite*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 10 x 55 | 100 | 861.02.10055L |
| M 10 x 60 | 100 | 861.02.10060L |
| M 10 x 65 | 100 | 861.02.10065L |
| M 10 x 70 | 100 | 861.02.10070L |
| M 10 x 75 | 100 | 861.02.10075L |
| M 10 x 80 | 100 | 861.02.10080L |
| M 10 x 90 | 100 | 861.02.10090L |
| M 10 x 100 | 100 | 861.02.10100L |
| M 10 x 110 | 100 | 861.02.10110L |
| M 10 x 120 | 100 | 861.02.10120L |
| M 12 x 25 | 100 | 861.02.12025L |
| M 12 x 30 | 100 | 861.02.12030L |
| M 12 x 35 | 100 | 861.02.12035L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 12 x 40 | 100 | 861.02.12040L |
| M 12 x 45 | 100 | 861.02.12045L |
| M 12 x 50 | 100 | 861.02.12050L |
| M 12 x 60 | 100 | 861.02.12060L |
| M 12 x 70 | 50 | 861.02.12070L |
| M 12 x 75 | 50 | 861.02.12075L |
| M 12 x 80 | 50 | 861.02.12080L |
| M 12 x 90 | 50 | 861.02.12090L |
| M 12 x 100 | 50 | 861.02.12100L |
| M 12 x 110 | 50 | 861.02.12110L |
| M 12 x 120 | 50 | 861.02.12120L |
| M 12 x 130 | 50 | 861.02.12130L |
| M 16 x 40 | 50 | 861.02.16040L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 16 x 45 | 50 | 861.02.16045L |
| M 16 x 50 | 50 | 861.02.16050L |
| M 16 x 60 | 50 | 861.02.16060L |
| M 16 x 65 | 25 | 861.02.16065L |
| M 16 x 70 | 25 | 861.02.16070L |
| M 16 x 80 | 25 | 861.02.16080L |
| M 16 x 90 | 25 | 861.02.16090L |
| M 16 x 100 | 25 | 861.02.16100L |
| M 16 x 110 | 25 | 861.02.16110L |
| M 16 x 120 | 25 | 861.02.16120L |
| M 16 x 130 | 25 | 861.02.16130L |
| M 16 x 140 | 25 | 861.02.16140L |
| M 16 x 160 | 25 | 861.02.16160L |

### ACIER 8.8 GALVA À CHAUD

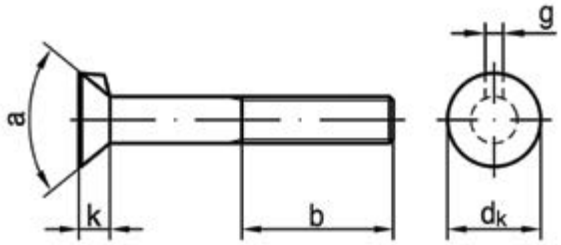
*Sans écrou*

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 10 x 25 | 100 | 861.07.10025L |
| M 10 x 30 | 100 | 861.07.10030L |
| M 10 x 35 | 100 | 861.07.10035L |
| M 10 x 40 | 100 | 861.07.10040L |
| M 12 x 25 | 100 | 861.07.12025L |
| M 12 x 30 | 100 | 861.07.12030L |
| M 12 x 35 | 100 | 861.07.12035L |
| M 12 x 40 | 100 | 861.07.12040L |

# DIN 604/555



## Boulon tête fraisée à ergot
## Vis DIN 604 et écrou hexagonal DIN 555




| Dimensions | M 6 | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 |
|---|---|---|---|---|---|---|---|
| dk | 12.55 | 16.55 | 19.65 | 24.65 | 32.8 | 32.8 | 38.8 |
| k | 4 | 5 | 5.5 | 7 | 9 | 11,5 | 13 |
| a | 90° | 90° | 90° | 90° | 90° | 60° | 60° |
| g | 2,5 | 3 | 3.2 | 3.6 | 4,2 | 5.4 | 6.6 |
| b1 | 18 | 22 | 26 | 30 | 38 | 46 | 54 |
| b2 | 24 | 28 | 32 | 36 | 44 | 52 | 60 |
| b3 | - | 41 | 45 | 49 | 57 | 65 | 73 |
| Pas | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 |

b1 pour L ≤ 125 mm - pour L ≤ 200 mm - pour L > 200 mm

### ACIER ≥ 4.6 BRUT

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 20 | 500 | 865.01.06020L |
| M 6 x 25 | 500 | 865.01.06025L |
| M 6 x 30 | 500 | 865.01.06030L |
| M 6 x 35 | 200 | 865.01.06035L |
| M 6 x 40 | 200 | 865.01.06040L |
| M 6 x 60 | 200 | 865.01.06060L |
| M 8 x 20 | 200 | 865.01.08020L |
| M 8 x 25 | 200 | 865.01.08025L |
| M 8 x 30 | 200 | 865.01.08030L |
| M 8 x 35 | 200 | 865.01.08035L |
| M 8 x 40 | 200 | 865.01.08040L |
| M 8 x 45 | 200 | 865.01.08045L |
| M 8 x 50 | 200 | 865.01.08050L |
| M 8 x 55 | 200 | 865.01.08055L |
| M 8 x 60 | 200 | 865.01.08060L |
| M 8 x 70 | 200 | 865.01.08070L |
| M 10 x 25 | 200 | 865.01.10025L |
| M 10 x 30 | 200 | 865.01.10030L |
| M 10 x 35 | 100 | 865.01.10035L |
| M 10 x 40 | 100 | 865.01.10040L |
| M 10 x 45 | 100 | 865.01.10045L |
| M 10 x 50 | 100 | 865.01.10050L |
| M 10 x 55 | 100 | 865.01.10055L |
| M 10 x 60 | 100 | 865.01.10060L |
| M 10 x 70 | 100 | 865.01.10070L |
| M 10 x 80 | 100 | 865.01.10080L |
| M 10 x 100 | 100 | 865.01.10100L |
| M 12 x 25 | 100 | 865.01.12025L |

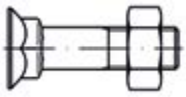
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 12 x 30 | 100 | 865.01.12030L |
| M 12 x 35 | 100 | 865.01.12035L |
| M 12 x 40 | 100 | 865.01.12040L |
| M 12 x 45 | 100 | 865.01.12045L |
| M 12 x 50 | 100 | 865.01.12050L |
| M 12 x 55 | 100 | 865.01.12055L |
| M 12 x 60 | 100 | 865.01.12060L |
| M 12 x 65 | 50 | 865.01.12065L |
| M 12 x 70 | 50 | 865.01.12070L |
| M 12 x 80 | 50 | 865.01.12080L |
| M 12 x 90 | 50 | 865.01.12090L |
| M 12 x 100 | 50 | 865.01.12100L |
| M 12 x 110 | 50 | 865.01.12110L |
| M 12 x 120 | 50 | 865.01.12120L |
| M 16 x 30 | 50 | 865.01.16030L |
| M 16 x 35 | 50 | 865.01.16035L |
| M 16 x 40 | 50 | 865.01.16040L |
| M 16 x 45 | 50 | 865.01.16045L |
| M 16 x 50 | 50 | 865.01.16050L |
| M 16 x 55 | 50 | 865.01.16055L |
| M 16 x 60 | 50 | 865.01.16060L |
| M 16 x 65 | 25 | 865.01.16065L |
| M 16 x 70 | 25 | 865.01.16070L |
| M 16 x 75 | 25 | 865.01.16075L |
| M 16 x 80 | 25 | 865.01.16080L |
| M 16 x 90 | 25 | 865.01.16090L |
| M 16 x 100 | 25 | 865.01.16100L |
| M 16 x 110 | 25 | 865.01.16110L |
| M 16 x 120 | 25 | 865.01.16120L |
| M 16 x 130 | 25 | 865.01.16130L |
| M 16 x 140 | 25 | 865.01.16140L |

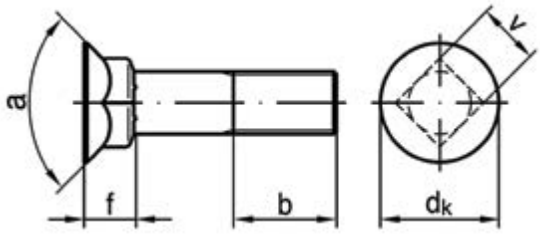
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 20 x 40 | 25 | 865.01.20040L |
| M 20 x 45 | 25 | 865.01.20045L |
| M 20 x 50 | 25 | 865.01.20050L |
| M 20 x 55 | 25 | 865.01.20055L |
| M 20 x 60 | 25 | 865.01.20060L |
| M 20 x 65 | 25 | 865.01.20065L |
| M 20 x 70 | 25 | 865.01.20070L |
| M 20 x 75 | 25 | 865.01.20075L |
| M 20 x 80 | 25 | 865.01.20080L |
| M 20 x 90 | 25 | 865.01.20090L |
| M 20 x 100 | 25 | 865.01.20100L |
| M 20 x 110 | 25 | 865.01.20110L |
| M 20 x 120 | 25 | 865.01.20120L |
| M 20 x 130 | 25 | 865.01.20130L |
| M 20 x 140 | 25 | 865.01.20140L |
| M 24 x 60 | 25 | 865.01.24060L |
| M 24 x 65 | 25 | 865.01.24065L |
| M 24 x 70 | 25 | 865.01.24070L |
| M 24 x 75 | 25 | 865.01.24075L |
| M 24 x 80 | 25 | 865.01.24080L |
| M 24 x 90 | 10 | 865.01.24090L |
| M 24 x 100 | 10 | 865.01.24100L |
| M 24 x 110 | 10 | 865.01.24110L |
| M 24 x 120 | 10 | 865.01.24120L |
| M 24 x 130 | 10 | 865.01.24130L |



contact@tsr-industrie.fr - tél. : 03 27 26 12 10 - fax : 03 27 46 85 12

# DIN 608/555





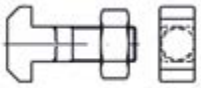

## Boulon tête fraisée à collet carré court
## Vis DIN 608 et écrou hexagonal DIN 555

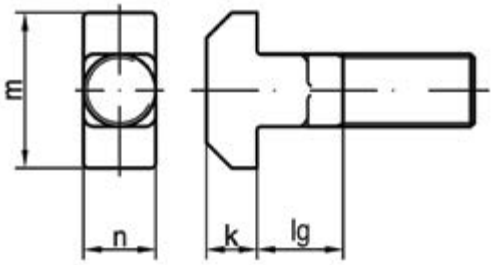
| Dimensions | M 8 | M 10 | M 12 | M 16 |
|---|---|---|---|---|
| dk | 16 | 19.65 | 24.65 | 32 |
| f | 7 | 8.45 | 11.05 | 13.5 |
| b | 22 | 26 | 30 | 38 |
| v | 8 | 10.58 | 12.7 | 16 |
| a | 90° | 90° | 90° | 90° |
| Pas | 1.25 | 1.5 | 1.75 | 2 |

### ACIER 8.8 BRUT

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 8 x 30 | 200 | 869.01.08030L |
| M 8 x 35 | 200 | 869.01.08035L |
| M 10 x 25 | 200 | 869.01.10025L |
| M 10 x 30 | 200 | 869.01.10030L |
| M 10 x 35 | 100 | 869.01.10035L |
| M 10 x 40 | 100 | 869.01.10040L |
| M 10 x 45 | 100 | 869.01.10045L |
| M 10 x 50 | 100 | 869.01.10050L |
| M 10 x 60 | 100 | 869.01.10060L |
| M 12 x 25 | 100 | 869.01.12025L |
| M 12 x 30 | 100 | 869.01.12030L |
| M 12 x 35 | 100 | 869.01.12035L |
| M 12 x 40 | 100 | 869.01.12040L |
| M 12 x 45 | 100 | 869.01.12045L |
| M 12 x 50 | 100 | 869.01.12050L |
| M 12 x 55 | 100 | 869.01.12055L |
| M 12 x 60 | 100 | 869.01.12060L |
| M 12 x 65 | 50 | 869.01.12065L |
| M 12 x 70 | 50 | 869.01.12070L |
| M 16 x 40 | 50 | 869.01.16040L |
| M 16 x 50 | 50 | 869.01.16050L |
| M 16 x 55 | 50 | 869.01.16055L |
| M 16 x 60 | 50 | 869.01.16060L |
| M 16 x 70 | 25 | 869.01.16070L |
| M 16 x 80 | 25 | 869.01.16080L |

# DIN 186B






## Boulon tête rectangulaire à angles abattus
## Vis DIN 186B et écrou hexagonal DIN 555

| Dimensions | M 6 | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 |
|---|---|---|---|---|---|---|---|
| m | 16 | 18 | 21 | 26 | 30 | 36 | 43 |
| n | 6 | 8 | 10 | 12 | 16 | 20 | 24 |
| k | 4,5 | 5.5 | 7 | 8 | 10.5 | 13 | 15 |
| lg | 10 | 13 | 16 | 19 | 25 | 31 | 37 |
| Pas | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 |

### ACIER 4.6 BRUT

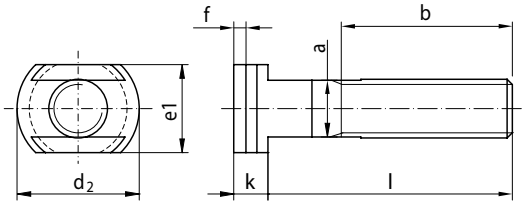
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 25 | 50 | 870.01.06025L |
| M 6 x 30 | 50 | 870.01.06030L |
| M 6 x 45 | 50 | 870.01.06045L |
| M 6 x 50 | 50 | 870.01.06050L |
| M 6 x 60 | 25 | 870.01.06060L |
| M 8 x 25 | 25 | 870.01.08025L |
| M 8 x 30 | 25 | 870.01.08030L |
| M 8 x 35 | 25 | 870.01.08035L |
| M 8 x 40 | 25 | 870.01.08040L |
| M 8 x 45 | 25 | 870.01.08045L |
| M 8 x 50 | 25 | 870.01.08050L |
| M 8 x 60 | 25 | 870.01.08060L |
| M 8 x 80 | 25 | 870.01.08080L |
| M 10 x 25 | 25 | 870.01.10025L |
| M 10 x 30 | 25 | 870.01.10030L |
| M 10 x 35 | 25 | 870.01.10035L |
| M 10 x 40 | 25 | 870.01.10040L |
| M 10 x 45 | 25 | 870.01.10045L |
| M 10 x 50 | 25 | 870.01.10050L |
| M 10 x 55 | 25 | 870.01.10055L |
| M 10 x 60 | 25 | 870.01.10060L |
| M 10 x 65 | 25 | 870.01.10065L |
| M 10 x 70 | 10 | 870.01.10070L |
| M 10 x 80 | 10 | 870.01.10080L |
| M 10 x 90 | 10 | 870.01.10090L |
| M 10 x 100 | 10 | 870.01.10100L |
| M 10 x 110 | 10 | 870.01.10110L |
| M 12 x 30 | 25 | 870.01.12030L |
| M 12 x 35 | 25 | 870.01.12035L |
| M 12 x 40 | 10 | 870.01.12040L |
| M 12 x 45 | 10 | 870.01.12045L |
| M 12 x 50 | 10 | 870.01.12050L |
| M 12 x 55 | 10 | 870.01.12055L |
| M 12 x 60 | 10 | 870.01.12060L |
| M 12 x 65 | 10 | 870.01.12065L |
| M 12 x 70 | 10 | 870.01.12070L |
| M 12 x 80 | 10 | 870.01.12080L |
| M 12 x 90 | 10 | 870.01.12090L |
| M 12 x 100 | 10 | 870.01.12100L |
| M 12 x 110 | 10 | 870.01.12110L |
| M 12 x 120 | 10 | 870.01.12120L |
| M 16 x 40 | 10 | 870.01.16040L |
| M 16 x 45 | 10 | 870.01.16045L |
| M 16 x 50 | 10 | 870.01.16050L |
| M 16 x 60 | 10 | 870.01.16060L |
| M 16 x 65 | 10 | 870.01.16065L |
| M 16 x 70 | 10 | 870.01.16070L |
| M 16 x 75 | 10 | 870.01.16075L |
| M 16 x 80 | 10 | 870.01.16080L |
| M 16 x 90 | 10 | 870.01.16090L |
| M 16 x 100 | 10 | 870.01.16100L |
| M 16 x 110 | 10 | 870.01.16110L |
| M 16 x 120 | 10 | 870.01.16120L |
| M 16 x 130 | 10 | 870.01.16130L |
| M 16 x 140 | 10 | 870.01.16140L |
| M 16 x 160 | 10 | 870.01.16160L |
| M 20 x 60 | 10 | 870.01.20060L |
| M 20 x 70 | 10 | 870.01.20070L |
| M 20 x 80 | 10 | 870.01.20080L |
| M 20 x 90 | 10 | 870.01.20090L |
| M 20 x 100 | 10 | 870.01.20100L |
| M 20 x 120 | 10 | 870.01.20120L |
| M 20 x 140 | 10 | 870.01.20140L |
| M 20 x 160 | 1 | 870.01.20160L |
| M 20 x 200 | 1 | 870.01.20200L |
| M 24 x 70 | 10 | 870.01.24070L |
| M 24 x 80 | 1 | 870.01.24080L |
| M 24 x 90 | 1 | 870.01.24090L |
| M 24 x 100 | 1 | 870.01.24100L |
| M 24 x 110 | 1 | 870.01.24110L |
| M 24 x 120 | 1 | 870.01.24120L |
| M 24 x 160 | 1 | 870.01.24160L |
| M 24 x 200 | 1 | 870.01.24200L |

## Vis diverses (oreille, piton, anneaux)

# DIN 787

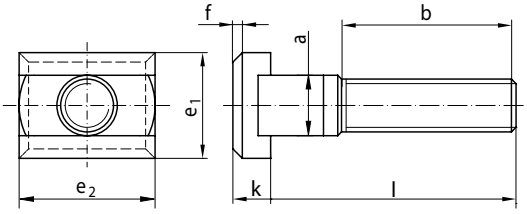
## Vis pour rainures en T
## Fixation standard

Forme de la tête jusqu'à M12 x 12




Forme de la tête à partir de M12 x 14*

*e2 ≥ e1




| Dimensions | M 8 | M 10 | M 12 | M 16 | M 16 | M 20 | M 24 | M 24 |
|---|---|---|---|---|---|---|---|---|
| a max. | 7.7 | 9.7 | 11.7 | 15.7 | 17.7 | 19.7 | 23.7 | 27.7 |
| l | 32/40/50 | 40/50/65 | 50/65/80<br>100/125 | 80/100<br>125/160 | 65/100 | 80/100/125<br>160/200/250 | 160 | 100/160 |
| b | 20/30/35 | 30/35/40 | 35/40/50<br>60/70 | 50/60<br>70/80 | 40/60 | 50/60/70<br>80/100/120 | 80 | 60/80 |
| e1/d2 | 13/16 | 15/20 | 18/25 | 25 | 25 | 32 | 40 | 44 |
| f | 1.6 | 1.6 | 2.5 | 2.5 | 2.5 | 2.5 | (4) | 4 |
| k | 6 | 6 | 7 | 9 | 9 | 12 | 16 | 18 |
| Pour rainure | 8 | 10 | 12 | 16 | 18 | 20 | 24 | 28 |
| Pas | 1.25 | 1.5 | 1.75 | 2 | 2 | 2.5 | 3 | 3 |

### ACIER 8.8 BRUT

| Diam x L | Rainure en T | Cdt | Réf. TSR |
|---|---|---|---|
| **M 8 x 32** | 8 | 25 | 873.01.08032L |
| **M 8 x 40** | 8 | 25 | 873.01.08040L |
| **M 8 x 50** | 8 | 25 | 873.01.08050L |
| **M 10 x 40** | 10 | 25 | 873.01.10040L |
| **M 10 x 50** | 10 | 25 | 873.01.10050L |
| **M 10 x 65** | 10 | 25 | 873.01.10065L |
| **M 12 x 40** | 12 | 10 | 873.01.12040L |
| **M 12 x 50** | 12 | 10 | 873.01.12050L |
| **M 12 x 65** | 12 | 10 | 873.01.12065L |
| **M 12 x 80** | 12 | 10 | 873.01.12080L |
| **M 12 x 100** | 12 | 10 | 873.01.12100L |
| **M 12 x 125** | 12 | 10 | 873.01.12125L |
| **M 16 x 65** | 18 | 10 | 873.01.16065L |

| Diam x L | Rainure en T | Cdt | Réf. TSR |
|---|---|---|---|
| **M 16 x 80** | 16 | 10 | 873.01.16080L |
| **M 16 x 100** | 16 | 10 | 873.01.16100L |
| **M 16 x 100** | 18 | 10 | 873.01.16110L |
| **M 16 x 125** | 16 | 10 | 873.01.16125L |
| **M 16 x 160** | 16 | 10 | 873.01.16160L |
| **M 20 x 80** | 20 | 5 | 873.01.20080L |
| **M 20 x 100** | 20 | 5 | 873.01.20100L |
| **M 20 x 125** | 20 | 5 | 873.01.20125L |
| **M 20 x 160** | 20 | 5 | 873.01.20160L |
| **M 20 x 200** | 20 | 5 | 873.01.20200L |
| **M 20 x 250** | 20 | 5 | 873.01.20250L |
| **M 24 x 100** | 28 | 5 | 873.01.24100L |
| **M 24 x 160** | 24 | 5 | 873.01.24160L |
| **M 24 x 160** | 28 | 5 | 873.01.24170L |

## Coffret 25 fôrets HSS



Foret HSS - Taillé meulé
Affutage en croix

Avec 3 méplats
sur queue à partir Ø 5

Ø de 1 à 13 par 0,5mm

**469.9095**

## Coffret 25 fôrets HSS Co

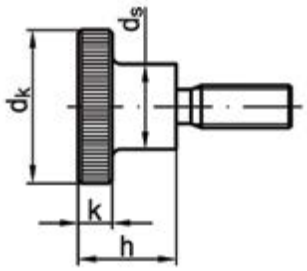
Foret HSS-Co 5% - Ame renforcée
Affutage en croix
Ø de 1 à 13 par 0,5mm

**469.9104**



# DIN 464

## Vis moletée type haut




| Dimensions | M 3 | M 4 | M 5 | M 6 | M 8 | M 10 |
|---|---|---|---|---|---|---|
| dk | 12 | 16 | 20 | 24 | 30 | 36 |
| k | 2.5 | 3.5 | 4.0 | 5.0 | 6.0 | 8.0 |
| h | 5.7 | 7.64 | 9.64 | 11.57 | 15.57 | 19.48 |
| ds | 6 | 8 | 10 | 12 | 16 | 20 |
| Pas | 0.5 | 0.7 | 0.8 | 1 | 1.25 | 1.5 |

### ACIER 4.6 BRUT

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 5 | 50 | 875.01.03005L |
| M 3 x 6 | 50 | 875.01.03006L |
| M 3 x 8 | 50 | 875.01.03008L |
| M 3 x 10 | 50 | 875.01.03010L |
| M 3 x 12 | 50 | 875.01.03012L |
| M 3 x 16 | 50 | 875.01.03016L |
| M 4 x 5 | 50 | 875.01.04005L |
| M 4 x 6 | 50 | 875.01.04006L |
| M 4 x 8 | 50 | 875.01.04008L |
| M 4 x 10 | 50 | 875.01.04010L |
| M 4 x 12 | 50 | 875.01.04012L |
| M 4 x 16 | 50 | 875.01.04016L |
| M 4 x 18 | 50 | 875.01.04018L |
| M 4 x 20 | 50 | 875.01.04020L |
| M 4 x 25 | 50 | 875.01.04025L |
| M 4 x 30 | 50 | 875.01.04030L |
| M 5 x 8 | 50 | 875.01.05008L |
| M 5 x 10 | 50 | 875.01.05010L |
| M 5 x 12 | 50 | 875.01.05012L |
| M 5 x 16 | 50 | 875.01.05016L |
| M 5 x 20 | 50 | 875.01.05020L |
| M 5 x 25 | 25 | 875.01.05025L |
| M 5 x 30 | 25 | 875.01.05030L |
| M 5 x 40 | 25 | 875.01.05040L |
| M 6 x 8 | 25 | 875.01.06008L |
| M 6 x 10 | 25 | 875.01.06010L |
| M 6 x 12 | 25 | 875.01.06012L |
| M 6 x 16 | 25 | 875.01.06016L |
| M 6 x 20 | 25 | 875.01.06020L |
| M 6 x 25 | 25 | 875.01.06025L |
| M 6 x 30 | 25 | 875.01.06030L |
| M 6 x 35 | 25 | 875.01.06035L |
| M 6 x 40 | 25 | 875.01.06040L |
| M 8 x 10 | 25 | 875.01.08010L |
| M 8 x 12 | 25 | 875.01.08012L |
| M 8 x 16 | 25 | 875.01.08016L |
| M 8 x 20 | 25 | 875.01.08020L |
| M 8 x 25 | 25 | 875.01.08025L |
| M 8 x 30 | 10 | 875.01.08030L |
| M 8 x 35 | 10 | 875.01.08035L |
| M 8 x 40 | 10 | 875.01.08040L |
| M 10 x 20 | 10 | 875.01.10020L |
| M 10 x 25 | 10 | 875.01.10025L |
| M 10 x 30 | 10 | 875.01.10030L |
| M 10 x 40 | 10 | 875.01.10040L |

### ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 50 | 875.02.03006L |
| M 3 x 8 | 50 | 875.02.03008L |
| M 3 x 10 | 50 | 875.02.03010L |
| M 3 x 16 | 50 | 875.02.03016L |
| M 4 x 6 | 50 | 875.02.04006L |
| M 4 x 8 | 50 | 875.02.04008L |
| M 4 x 10 | 50 | 875.02.04010L |
| M 4 x 12 | 50 | 875.02.04012L |
| M 4 x 16 | 50 | 875.02.04016L |
| M 4 x 20 | 50 | 875.02.04020L |
| M 5 x 8 | 50 | 875.02.05008L |
| M 5 x 10 | 50 | 875.02.05010L |
| M 5 x 12 | 50 | 875.02.05012L |
| M 5 x 16 | 50 | 875.02.05016L |
| M 5 x 20 | 50 | 875.02.05020L |
| M 5 x 25 | 25 | 875.02.05025L |
| M 5 x 30 | 25 | 875.02.05030L |
| M 5 x 40 | 25 | 875.02.05040L |
| M 6 x 10 | 25 | 875.02.06010L |
| M 6 x 12 | 25 | 875.02.06012L |
| M 6 x 16 | 25 | 875.02.06016L |
| M 6 x 20 | 25 | 875.02.06020L |
| M 6 x 25 | 25 | 875.02.06025L |
| M 6 x 30 | 25 | 875.02.06030L |
| M 6 x 35 | 25 | 875.02.06035L |
| M 6 x 40 | 25 | 875.02.06040L |
| M 8 x 12 | 25 | 875.02.08012L |
| M 8 x 16 | 25 | 875.02.08016L |
| M 8 x 20 | 25 | 875.02.08020L |
| M 8 x 25 | 25 | 875.02.08025L |
| M 10 x 25 | 10 | 875.02.10025L |

### INOX A1/A2

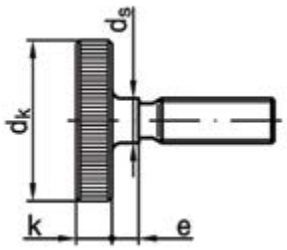
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 25 | 875.31.03006L |
| M 3 x 8 | 25 | 875.31.03008L |
| M 3 x 10 | 25 | 875.31.03010L |
| M 3 x 12 | 25 | 875.31.03012L |
| M 3 x 16 | 25 | 875.31.03016L |
| M 4 x 8 | 25 | 875.31.04008L |
| M 4 x 10 | 25 | 875.31.04010L |
| M 4 x 12 | 25 | 875.31.04012L |
| M 4 x 16 | 25 | 875.31.04016L |
| M 4 x 20 | 25 | 875.31.04020L |
| M 5 x 8 | 25 | 875.31.05008L |
| M 5 x 10 | 25 | 875.31.05010L |
| M 5 x 12 | 25 | 875.31.05012L |
| M 5 x 16 | 25 | 875.31.05016L |
| M 5 x 20 | 25 | 875.31.05020L |
| M 5 x 25 | 25 | 875.31.05025L |
| M 5 x 30 | 25 | 875.31.05030L |
| M 6 x 10 | 10 | 875.31.06010L |
| M 6 x 12 | 10 | 875.31.06012L |
| M 6 x 16 | 10 | 875.31.06016L |
| M 6 x 20 | 10 | 875.31.06020L |
| M 6 x 25 | 10 | 875.31.06025L |
| M 6 x 30 | 10 | 875.31.06030L |
| M 6 x 40 | 10 | 875.31.06040L |
| M 8 x 16 | 10 | 875.31.08016L |
| M 8 x 20 | 10 | 875.31.08020L |
| M 8 x 25 | 10 | 875.31.08025L |
| M 8 x 30 | 10 | 875.31.08030L |

### LAITON

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 50 | 875.50.03006L |
| M 3 x 8 | 50 | 875.50.03008L |
| M 3 x 10 | 50 | 875.50.03010L |
| M 3 x 12 | 50 | 875.50.03012L |
| M 3 x 16 | 50 | 875.50.03016L |
| M 4 x 8 | 50 | 875.50.04008L |
| M 4 x 10 | 50 | 875.50.04010L |
| M 4 x 12 | 25 | 875.50.04012L |
| M 4 x 16 | 25 | 875.50.04016L |
| M 4 x 20 | 25 | 875.50.04020L |
| M 4 x 25 | 25 | 875.50.04025L |
| M 5 x 8 | 50 | 875.50.05008L |
| M 5 x 10 | 50 | 875.50.05010L |
| M 5 x 12 | 25 | 875.50.05012L |
| M 5 x 16 | 25 | 875.50.05016L |
| M 5 x 20 | 25 | 875.50.05020L |
| M 5 x 25 | 25 | 875.50.05025L |
| M 5 x 30 | 25 | 875.50.05030L |
| M 6 x 8 | 25 | 875.50.06008L |
| M 6 x 10 | 25 | 875.50.06010L |
| M 6 x 12 | 25 | 875.50.06012L |
| M 6 x 16 | 25 | 875.50.06016L |
| M 6 x 20 | 25 | 875.50.06020L |
| M 6 x 25 | 25 | 875.50.06025L |
| M 6 x 30 | 25 | 875.50.06030L |
| M 8 x 30 | 10 | 875.50.08030L |

# DIN 653

## Vis moletée type bas




| Dimensions | M 3 | M 4 | M 5 | M 6 | M 8 | M 10 |
|---|---|---|---|---|---|---|
| Ø dk | 12 | 16 | 20 | 24 | 30 | 36 |
| kmax. | 2.5 | 3.5 | 4 | 5 | 6 | 8 |
| Ø ds | 3 | 4 | 5 | 6 | 8 | 10 |
| e | 2 | 3 | 3 | 4 | 5 | 6 |
| Pas | 0.5 | 0.7 | 0.8 | 1 | 1.25 | 1.5 |

### ACIER 4.6 BRUT

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 50 | 878.01.03006L |
| M 3 x 8 | 50 | 878.01.03008L |
| M 3 x 10 | 50 | 878.01.03010L |
| M 3 x 12 | 50 | 878.01.03012L |
| M 3 x 16 | 50 | 878.01.03016L |
| M 4 x 8 | 50 | 878.01.04008L |
| M 4 x 10 | 50 | 878.01.04010L |
| M 4 x 12 | 50 | 878.01.04012L |
| M 4 x 16 | 50 | 878.01.04016L |
| M 4 x 20 | 50 | 878.01.04020L |
| M 4 x 25 | 50 | 878.01.04025L |
| M 4 x 30 | 50 | 878.01.04030L |
| M 4 x 35 | 50 | 878.01.04035L |
| M 5 x 10 | 50 | 878.01.05010L |
| M 5 x 12 | 50 | 878.01.05012L |
| M 5 x 16 | 50 | 878.01.05016L |
| M 5 x 20 | 50 | 878.01.05020L |
| M 5 x 25 | 25 | 878.01.05025L |
| M 5 x 30 | 25 | 878.01.05030L |
| M 5 x 35 | 25 | 878.01.05035L |
| M 5 x 40 | 25 | 878.01.05040L |
| M 6 x 12 | 25 | 878.01.06012L |
| M 6 x 16 | 25 | 878.01.06016L |
| M 6 x 20 | 25 | 878.01.06020L |
| M 6 x 25 | 25 | 878.01.06025L |
| M 6 x 30 | 25 | 878.01.06030L |
| M 6 x 35 | 25 | 878.01.06035L |
| M 6 x 40 | 25 | 878.01.06040L |
| M 6 x 45 | 25 | 878.01.06045L |
| M 8 x 16 | 25 | 878.01.08016L |
| M 8 x 20 | 25 | 878.01.08020L |
| M 8 x 25 | 25 | 878.01.08025L |
| M 8 x 30 | 25 | 878.01.08030L |
| M 8 x 35 | 25 | 878.01.08035L |
| M 8 x 40 | 10 | 878.01.08040L |
| M 8 x 45 | 10 | 878.01.08045L |
| M 8 x 50 | 10 | 878.01.08050L |
| M 8 x 60 | 10 | 878.01.08060L |
| M 10 x 20 | 25 | 878.01.10020L |
| M 10 x 25 | 10 | 878.01.10025L |
| M 10 x 30 | 10 | 878.01.10030L |
| M 10 x 40 | 10 | 878.01.10040L |
| M 10 x 50 | 10 | 878.01.10050L |
| M 10 x 60 | 10 | 878.01.10060L |
| M 10 x 70 | 1 | 878.01.10070L |
| M 10 x 80 | 1 | 878.01.10080L |

### INOX A1

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 10 | 10 | 878.31.03010L |
| M 3 x 12 | 10 | 878.31.03012L |
| M 3 x 16 | 10 | 878.31.03016L |
| M 4 x 8 | 10 | 878.31.04008L |
| M 4 x 10 | 10 | 878.31.04010L |
| M 4 x 12 | 10 | 878.31.04012L |
| M 4 x 16 | 10 | 878.31.04016L |
| M 4 x 20 | 10 | 878.31.04020L |
| M 5 x 10 | 10 | 878.31.05010L |
| M 5 x 12 | 10 | 878.31.05012L |
| M 5 x 16 | 10 | 878.31.05016L |
| M 5 x 20 | 10 | 878.31.05020L |
| M 5 x 25 | 10 | 878.31.05025L |
| M 5 x 30 | 10 | 878.31.05030L |
| M 5 x 40 | 10 | 878.31.05040L |
| M 5 x 50 | 10 | 878.31.05050L |
| M 6 x 12 | 10 | 878.31.06012L |
| M 6 x 16 | 10 | 878.31.06016L |
| M 6 x 20 | 10 | 878.31.06020L |
| M 6 x 25 | 10 | 878.31.06025L |
| M 6 x 30 | 10 | 878.31.06030L |
| M 6 x 35 | 10 | 878.31.06035L |
| M 6 x 40 | 10 | 878.31.06040L |
| M 8 x 10 | 10 | 878.31.08010L |
| M 8 x 16 | 10 | 878.31.08016L |
| M 8 x 20 | 10 | 878.31.08020L |
| M 8 x 25 | 10 | 878.31.08025L |
| M 8 x 30 | 10 | 878.31.08030L |
| M 8 x 35 | 10 | 878.31.08035L |


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- *Sécurité hauteur*
- *Hygiène et entretien*



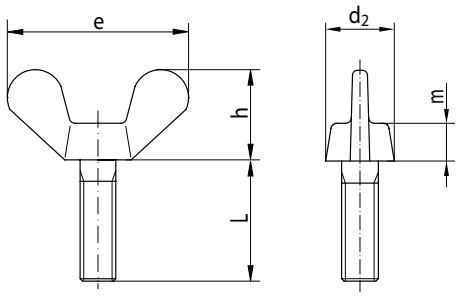




contact@tsr-industrie.fr - tél. : 03 27 26 12 10 - fax : 03 27 46 85 12

# DIN 316

## Vis à oreilles




| Dimensions | M 4 | M 5 | M 6 | M 8 | M 10 | M 12 | M 16 |
|---|---|---|---|---|---|---|---|
| d2 | 7 | 9.5 | 11,5 | 14.5 | 18.5 | 21,5 | 27.5 |
| e | 20 | 25 | 31,5 | 37 | 49.5 | 63.5 | 71.5 |
| g | 1,5 | 1.9 | 1.9 | 2.4 | 4 | 4,5 | 6 |
| h | 9.5 | 12 | 16 | 19 | 24 | 32.3 | 36.3 |
| m | 3.9 | 5.3 | 6,5 | 8.3 | 10 | 12 | 15 |
| Pas | 0.7 | 0.8 | 1 | 1.25 | 1.5 | 1.75 | 2 |

### FONTE ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 4 x 8 | 100 | 880.02.04008L |
| M 4 x 10 | 100 | 880.02.04010L |
| M 4 x 12 | 100 | 880.02.04012L |
| M 4 x 16 | 100 | 880.02.04016L |
| M 4 x 20 | 100 | 880.02.04020L |
| M 4 x 25 | 100 | 880.02.04025L |
| M 4 x 30 | 100 | 880.02.04030L |
| M 5 x 10 | 100 | 880.02.05010L |
| M 5 x 12 | 100 | 880.02.05012L |
| M 5 x 16 | 100 | 880.02.05016L |
| M 5 x 20 | 100 | 880.02.05020L |
| M 5 x 25 | 100 | 880.02.05025L |
| M 5 x 30 | 100 | 880.02.05030L |
| M 5 x 35 | 100 | 880.02.05035L |
| M 5 x 40 | 100 | 880.02.05040L |
| M 5 x 50 | 100 | 880.02.05050L |
| M 6 x 10 | 100 | 880.02.06010L |
| M 6 x 12 | 100 | 880.02.06012L |
| M 6 x 16 | 100 | 880.02.06016L |
| M 6 x 20 | 100 | 880.02.06020L |
| M 6 x 25 | 100 | 880.02.06025L |
| M 6 x 30 | 100 | 880.02.06030L |
| M 6 x 35 | 100 | 880.02.06035L |
| M 6 x 40 | 100 | 880.02.06040L |
| M 6 x 50 | 100 | 880.02.06050L |
| M 8 x 10 | 100 | 880.02.08010L |
| M 8 x 12 | 100 | 880.02.08012L |
| M 8 x 16 | 100 | 880.02.08016L |
| M 8 x 20 | 100 | 880.02.08020L |
| M 8 x 25 | 100 | 880.02.08025L |
| M 8 x 30 | 100 | 880.02.08030L |
| M 8 x 35 | 100 | 880.02.08035L |
| M 8 x 40 | 50 | 880.02.08040L |
| M 8 x 50 | 50 | 880.02.08050L |
| M 8 x 60 | 50 | 880.02.08060L |
| M 10 x 16 | 50 | 880.02.10016L |
| M 10 x 20 | 50 | 880.02.10020L |
| M 10 x 25 | 50 | 880.02.10025L |
| M 10 x 30 | 50 | 880.02.10030L |
| M 10 x 35 | 50 | 880.02.10035L |
| M 10 x 40 | 50 | 880.02.10040L |
| M 10 x 50 | 20 | 880.02.10050L |
| M 10 x 60 | 20 | 880.02.10060L |
| M 10 x 70 | 20 | 880.02.10070L |
| M 12 x 16 | 20 | 880.02.12016L |
| M 12 x 20 | 20 | 880.02.12020L |
| M 12 x 25 | 20 | 880.02.12025L |
| M 12 x 30 | 20 | 880.02.12030L |
| M 12 x 40 | 20 | 880.02.12040L |
| M 12 x 50 | 20 | 880.02.12050L |
| M 12 x 60 | 20 | 880.02.12060L |
| M 12 x 70 | 20 | 880.02.12070L |
| M 12 x 80 | 20 | 880.02.12080L |
| M 16 x 30 | 10 | 880.02.16030L |
| M 16 x 40 | 10 | 880.02.16040L |
| M 16 x 50 | 10 | 880.02.16050L |
| M 16 x 60 | 10 | 880.02.16060L |

### INOX A4

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 16 | 100 | 880.32.06016L |
| M 6 x 20 | 100 | 880.32.06020L |
| M 6 x 25 | 100 | 880.32.06025L |
| M 6 x 30 | 100 | 880.32.06030L |
| M 8 x 16 | 100 | 880.32.08016L |
| M 8 x 20 | 100 | 880.32.08020L |
| M 8 x 25 | 100 | 880.32.08025L |
| M 8 x 30 | 100 | 880.32.08030L |
| M 10 x 25 | 50 | 880.32.10025L |
| M 10 x 30 | 50 | 880.32.10030L |
| M 12 x 30 | 25 | 880.32.12030L |
| M 12 x 35 | 25 | 880.32.12035L |

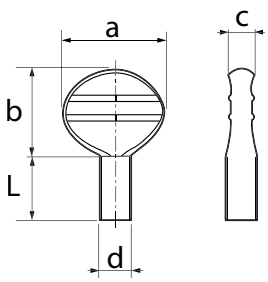
### LAITON

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 4 x 10 | 100 | 880.50.04010L |
| M 4 x 12 | 100 | 880.50.04012L |
| M 4 x 16 | 100 | 880.50.04016L |
| M 4 x 20 | 100 | 880.50.04020L |
| M 5 x 10 | 100 | 880.50.05010L |
| M 5 x 16 | 100 | 880.50.05016L |
| M 5 x 20 | 100 | 880.50.05020L |
| M 5 x 25 | 100 | 880.50.05025L |
| M 5 x 30 | 100 | 880.50.05030L |
| M 6 x 10 | 100 | 880.50.06010L |
| M 6 x 12 | 100 | 880.50.06012L |
| M 6 x 16 | 100 | 880.50.06016L |
| M 6 x 20 | 100 | 880.50.06020L |
| M 6 x 25 | 100 | 880.50.06025L |
| M 6 x 30 | 100 | 880.50.06030L |
| M 6 x 40 | 100 | 880.50.06040L |
| M 8 x 10 | 50 | 880.50.08010L |
| M 8 x 12 | 50 | 880.50.08012L |
| M 8 x 16 | 50 | 880.50.08016L |
| M 8 x 20 | 50 | 880.50.08020L |
| M 8 x 25 | 50 | 880.50.08025L |
| M 8 x 30 | 50 | 880.50.08030L |
| M 8 x 40 | 50 | 880.50.08040L |
| M 8 x 50 | 50 | 880.50.08050L |
| M 10 x 16 | 25 | 880.50.10016L |
| M 10 x 20 | 25 | 880.50.10020L |
| M 10 x 25 | 25 | 880.50.10025L |
| M 10 x 30 | 25 | 880.50.10030L |
| M 10 x 35 | 25 | 880.50.10035L |
| M 10 x 40 | 25 | 880.50.10040L |
| M 10 x 50 | 25 | 880.50.10050L |
| M 12 x 30 | 10 | 880.50.12030L |
| M 12 x 40 | 10 | 880.50.12040L |
| M 12 x 50 | 10 | 880.50.12050L |

## Vis diverses (oreille, piton, anneaux)

# Art. 882

## Vis violon



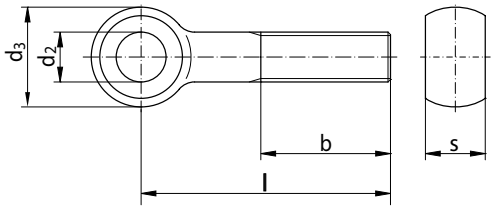

| diamètre | M 4 | M 5 | M 6 | M 8 | M 10 |
|---|---|---|---|---|---|
| a | 12 | 15 | 18 | 23 | 28 |
| b | 9 | 12 | 14 | 18 | 22 |
| c | 1,9 | 2,2 | 3 | 4,5 | 5 |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 4 x 10 | 200 | 882.31.04010L |
| M 4 x 12 | 200 | 882.31.04012L |
| M 4 x 16 | 200 | 882.31.04016L |
| M 4 x 20 | 200 | 882.31.04020L |
| M 5 x 10 | 200 | 882.31.05010L |
| M 5 x 12 | 200 | 882.31.05012L |
| M 5 x 16 | 200 | 882.31.05016L |
| M 5 x 20 | 200 | 882.31.05020L |
| M 5 x 25 | 200 | 882.31.05025L |
| M 5 x 30 | 200 | 882.31.05030L |
| M 6 x 10 | 200 | 882.31.06010L |
| M 6 x 12 | 200 | 882.31.06012L |
| M 6 x 16 | 200 | 882.31.06016L |
| M 6 x 20 | 200 | 882.31.06020L |
| M 6 x 25 | 200 | 882.31.06025L |
| M 6 x 30 | 200 | 882.31.06030L |
| M 8 x 12 | 100 | 882.31.08012L |
| M 8 x 16 | 100 | 882.31.08016L |
| M 8 x 20 | 100 | 882.31.08020L |
| M 8 x 25 | 100 | 882.31.08025L |
| M 8 x 30 | 100 | 882.31.08030L |
| M 8 x 35 | 100 | 882.31.08035L |
| M 8 x 40 | 100 | 882.31.08040L |
| M 10 x 20 | 50 | 882.31.10020L |
| M 10 x 25 | 50 | 882.31.10025L |
| M 10 x 30 | 50 | 882.31.10030L |
| M 10 x 40 | 50 | 882.31.10040L |
| M 10 x 50 | 50 | 882.31.10050L |

# DIN 444 BM (FP)

## Corps de boulon à oeil
## Filetage partiel




| Dimensions | M 5 | M 6 | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 | M 30 |
|---|---|---|---|---|---|---|---|---|---|
| d2 | 5 | 6 | 8 | 10 | 12 | 16 | 18 | 22 | 27/28 |
| d3 | 12 | 14 | 18 | 20 | 25 | 32 | 40 | 45 | 55 |
| s | 6 | 7 | 9 | 12 | 14 | 17 | 22 | 25 | 30 |
| b1 | 16 | 18 | 22 | 26 | 30 | 38 | 46 | 54 | 66 |
| b2 | - | - | 28 | 32 | 36 | 44 | 52 | 60 | 72 |
| b3 | - | - | - | - | 49 | 57 | 65 | 73 | 85 |
| Pas | 0.8 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 | 3.5 |

b1 pour L ≤ 125 mm - pour L ≤ 200 mm - pour L > 200 mm

### ACIER 4.6 BRUT

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 25 | 50 | 885.01.05025L |
| M 5 x 30 | 50 | 885.01.05030L |
| M 5 x 35 | 50 | 885.01.05035L |
| M 5 x 40 | 25 | 885.01.05040L |
| M 6 x 25 | 50 | 885.01.06025L |
| M 6 x 30 | 50 | 885.01.06030L |
| M 6 x 35 | 50 | 885.01.06035L |
| M 6 x 40 | 50 | 885.01.06040L |
| M 6 x 45 | 25 | 885.01.06045L |
| M 6 x 50 | 25 | 885.01.06050L |
| M 6 x 55 | 25 | 885.01.06055L |
| M 6 x 60 | 25 | 885.01.06060L |
| M 6 x 65 | 25 | 885.01.06065L |
| M 6 x 70 | 25 | 885.01.06070L |
| M 6 x 75 | 25 | 885.01.06075L |
| M 6 x 80 | 25 | 885.01.06080L |
| M 8 x 25 | 50 | 885.01.08025L |
| M 8 x 30 | 50 | 885.01.08030L |
| M 8 x 35 | 50 | 885.01.08035L |
| M 8 x 40 | 25 | 885.01.08040L |
| M 8 x 45 | 25 | 885.01.08045L |
| M 8 x 50 | 25 | 885.01.08050L |
| M 8 x 55 | 25 | 885.01.08055L |
| M 8 x 60 | 25 | 885.01.08060L |
| M 8 x 65 | 25 | 885.01.08065L |
| M 8 x 70 | 25 | 885.01.08070L |
| M 8 x 75 | 25 | 885.01.08075L |
| M 8 x 80 | 25 | 885.01.08080L |
| M 8 x 90 | 25 | 885.01.08090L |
| M 8 x 100 | 25 | 885.01.08100L |
| M 8 x 110 | 25 | 885.01.08110L |
| M 8 x 120 | 25 | 885.01.08120L |
| M 8 x 130 | 25 | 885.01.08130L |
| M 8 x 140 | 25 | 885.01.08140L |
| M 10 x 30 | 50 | 885.01.10030L |
| M 10 x 35 | 50 | 885.01.10035L |
| M 10 x 40 | 25 | 885.01.10040L |
| M 10 x 45 | 25 | 885.01.10045L |
| M 10 x 50 | 25 | 885.01.10050L |
| M 10 x 55 | 25 | 885.01.10055L |
| M 10 x 60 | 25 | 885.01.10060L |
| M 10 x 65 | 25 | 885.01.10065L |
| M 10 x 70 | 25 | 885.01.10070L |
| M 10 x 75 | 25 | 885.01.10075L |
| M 10 x 80 | 25 | 885.01.10080L |
| M 10 x 90 | 25 | 885.01.10090L |
| M 10 x 100 | 25 | 885.01.10100L |
| M 10 x 110 | 25 | 885.01.10110L |
| M 10 x 120 | 10 | 885.01.10120L |
| M 10 x 130 | 10 | 885.01.10130L |
| M 10 x 140 | 10 | 885.01.10140L |
| M 12 x 30 | 25 | 885.01.12030L |
| M 12 x 40 | 25 | 885.01.12040L |
| M 12 x 45 | 25 | 885.01.12045L |
| M 12 x 50 | 10 | 885.01.12050L |
| M 12 x 55 | 10 | 885.01.12055L |
| M 12 x 60 | 10 | 885.01.12060L |
| M 12 x 65 | 10 | 885.01.12065L |
| M 12 x 70 | 10 | 885.01.12070L |
| M 12 x 75 | 10 | 885.01.12075L |
| M 12 x 80 | 10 | 885.01.12080L |
| M 12 x 90 | 10 | 885.01.12090L |
| M 12 x 100 | 10 | 885.01.12100L |
| M 12 x 110 | 10 | 885.01.12110L |
| M 12 x 120 | 10 | 885.01.12120L |

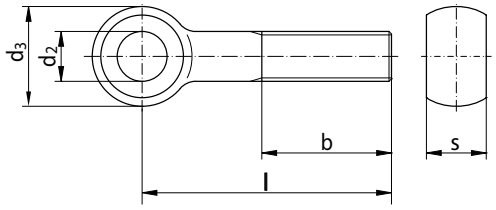


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*SUITE*

# DIN 444 BM (FP)

## Corps de boulon à oeil
## Filetage partiel




| Dimensions | M 5 | M 6 | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 | M 30 |
|---|---|---|---|---|---|---|---|---|---|
| d2 | 5 | 6 | 8 | 10 | 12 | 16 | 18 | 22 | 27/28 |
| d3 | 12 | 14 | 18 | 20 | 25 | 32 | 40 | 45 | 55 |
| s | 6 | 7 | 9 | 12 | 14 | 17 | 22 | 25 | 30 |
| b1 | 16 | 18 | 22 | 26 | 30 | 38 | 46 | 54 | 66 |
| b2 | - | - | 28 | 32 | 36 | 44 | 52 | 60 | 72 |
| b3 | - | - | - | - | 49 | 57 | 65 | 73 | 85 |
| Pas | 0.8 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 | 3.5 |

b1 pour L ≤ 125 mm - pour L ≤ 200 mm - pour L > 200 mm

## ACIER 4.6 BRUT SUITE

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 12 x 130 | 10 | 885.01.12130L |
| M 12 x 140 | 10 | 885.01.12140L |
| M 12 x 150 | 10 | 885.01.12150L |
| M 12 x 160 | 10 | 885.01.12160L |
| M 12 x 180 | 10 | 885.01.12180L |
| M 12 x 200 | 10 | 885.01.12200L |
| M 16 x 40 | 10 | 885.01.16040L |
| M 16 x 50 | 10 | 885.01.16050L |
| M 16 x 60 | 10 | 885.01.16060L |
| M 16 x 65 | 10 | 885.01.16065L |
| M 16 x 70 | 10 | 885.01.16070L |
| M 16 x 75 | 10 | 885.01.16075L |
| M 16 x 80 | 10 | 885.01.16080L |
| M 16 x 90 | 10 | 885.01.16090L |
| M 16 x 100 | 10 | 885.01.16100L |
| M 16 x 110 | 10 | 885.01.16110L |
| M 16 x 120 | 10 | 885.01.16120L |
| M 16 x 130 | 10 | 885.01.16130L |
| M 16 x 140 | 10 | 885.01.16140L |
| M 16 x 150 | 10 | 885.01.16150L |
| M 16 x 160 | 10 | 885.01.16160L |
| M 16 x 180 | 10 | 885.01.16180L |
| M 16 x 200 | 10 | 885.01.16200L |
| M 20 x 80 | 10 | 885.01.20080L |
| M 20 x 90 | 10 | 885.01.20090L |
| M 20 x 100 | 1 | 885.01.20100L |
| M 20 x 110 | 1 | 885.01.20110L |
| M 20 x 120 | 1 | 885.01.20120L |
| M 20 x 130 | 1 | 885.01.20130L |
| M 20 x 140 | 1 | 885.01.20140L |
| M 20 x 150 | 1 | 885.01.20150L |
| M 20 x 160 | 1 | 885.01.20160L |
| M 20 x 170 | 1 | 885.01.20170L |
| M 20 x 180 | 1 | 885.01.20180L |
| M 20 x 200 | 1 | 885.01.20200L |
| M 20 x 260 | 1 | 885.01.20260L |
| M 24 x 80 | 1 | 885.01.24080L |
| M 24 x 90 | 1 | 885.01.24090L |
| M 24 x 100 | 1 | 885.01.24100L |
| M 24 x 110 | 1 | 885.01.24110L |
| M 24 x 120 | 1 | 885.01.24120L |
| M 24 x 130 | 1 | 885.01.24130L |
| M 24 x 140 | 1 | 885.01.24140L |
| M 24 x 150 | 1 | 885.01.24150L |
| M 24 x 160 | 1 | 885.01.24160L |
| M 24 x 170 | 1 | 885.01.24170L |
| M 24 x 180 | 1 | 885.01.24180L |
| M 24 x 200 | 1 | 885.01.24200L |
| M 30 x 120 | 1 | 885.01.30120L |
| M 30 x 130 | 1 | 885.01.30130L |
| M 30 x 140 | 1 | 885.01.30140L |
| M 30 x 150 | 1 | 885.01.30150L |
| M 30 x 160 | 1 | 885.01.30160L |
| M 30 x 180 | 1 | 885.01.30180L |
| M 30 x 200 | 1 | 885.01.30200L |

## ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 25 | 50 | 885.02.05025L |
| M 5 x 30 | 50 | 885.02.05030L |
| M 5 x 35 | 50 | 885.02.05035L |
| M 5 x 40 | 50 | 885.02.05040L |
| M 6 x 20 | 50 | 885.02.06020L |
| M 6 x 25 | 50 | 885.02.06025L |
| M 6 x 30 | 50 | 885.02.06030L |
| M 6 x 35 | 50 | 885.02.06035L |
| M 6 x 40 | 50 | 885.02.06040L |
| M 6 x 45 | 25 | 885.02.06045L |
| M 6 x 50 | 25 | 885.02.06050L |
| M 6 x 55 | 25 | 885.02.06055L |
| M 6 x 60 | 25 | 885.02.06060L |
| M 6 x 65 | 25 | 885.02.06065L |
| M 6 x 70 | 25 | 885.02.06070L |
| M 6 x 75 | 25 | 885.02.06075L |
| M 6 x 80 | 25 | 885.02.06080L |
| M 8 x 25 | 50 | 885.02.08025L |
| M 8 x 30 | 50 | 885.02.08030L |
| M 8 x 35 | 50 | 885.02.08035L |
| M 8 x 40 | 25 | 885.02.08040L |
| M 8 x 45 | 25 | 885.02.08045L |
| M 8 x 50 | 25 | 885.02.08050L |
| M 8 x 55 | 25 | 885.02.08055L |
| M 8 x 60 | 25 | 885.02.08060L |
| M 8 x 65 | 50 | 885.02.08065L |
| M 8 x 70 | 25 | 885.02.08070L |
| M 8 x 75 | 25 | 885.02.08075L |
| M 8 x 80 | 25 | 885.02.08080L |
| M 8 x 90 | 25 | 885.02.08090L |
| M 8 x 100 | 25 | 885.02.08100L |
| M 8 x 110 | 25 | 885.02.08110L |
| M 8 x 120 | 25 | 885.02.08120L |
| M 8 x 130 | 25 | 885.02.08130L |
| M 8 x 140 | 25 | 885.02.08140L |
| M 10 x 30 | 50 | 885.02.10030L |
| M 10 x 35 | 50 | 885.02.10035L |
| M 10 x 40 | 25 | 885.02.10040L |
| M 10 x 45 | 25 | 885.02.10045L |
| M 10 x 50 | 25 | 885.02.10050L |
| M 10 x 55 | 25 | 885.02.10055L |
| M 10 x 60 | 25 | 885.02.10060L |
| M 10 x 65 | 25 | 885.02.10065L |
| M 10 x 70 | 25 | 885.02.10070L |
| M 10 x 75 | 25 | 885.02.10075L |
| M 10 x 80 | 25 | 885.02.10080L |
| M 10 x 90 | 25 | 885.02.10090L |
| M 10 x 100 | 25 | 885.02.10100L |
| M 10 x 110 | 25 | 885.02.10110L |
| M 10 x 120 | 10 | 885.02.10120L |
| M 10 x 130 | 10 | 885.02.10130L |
| M 10 x 140 | 10 | 885.02.10140L |
| M 12 x 30 | 25 | 885.02.12030L |
| M 12 x 40 | 25 | 885.02.12040L |
| M 12 x 45 | 25 | 885.02.12045L |
| M 12 x 50 | 10 | 885.02.12050L |
| M 12 x 55 | 10 | 885.02.12055L |
| M 12 x 60 | 10 | 885.02.12060L |
| M 12 x 65 | 10 | 885.02.12065L |
| M 12 x 70 | 10 | 885.02.12070L |
| M 12 x 75 | 10 | 885.02.12075L |
| M 12 x 80 | 10 | 885.02.12080L |
| M 12 x 90 | 10 | 885.02.12090L |
| M 12 x 100 | 10 | 885.02.12100L |
| M 12 x 110 | 10 | 885.02.12110L |
| M 12 x 120 | 10 | 885.02.12120L |
| M 12 x 130 | 10 | 885.02.12130L |
| M 12 x 140 | 10 | 885.02.12140L |
| M 12 x 150 | 10 | 885.02.12150L |
| M 12 x 160 | 10 | 885.02.12160L |
| M 12 x 180 | 10 | 885.02.12180L |
| M 12 x 140 | 10 | 885.02.12140L |
| M 16 x 40 | 25 | 885.02.16040L |
| M 16 x 50 | 10 | 885.02.16050L |
| M 16 x 60 | 10 | 885.02.16060L |
| M 16 x 65 | 10 | 885.02.16065L |
| M 16 x 70 | 10 | 885.02.16070L |
| M 16 x 75 | 10 | 885.02.16075L |
| M 16 x 80 | 10 | 885.02.16080L |
| M 16 x 90 | 10 | 885.02.16090L |
| M 16 x 100 | 10 | 885.02.16100L |
| M 16 x 110 | 10 | 885.02.16110L |
| M 16 x 120 | 10 | 885.02.16120L |
| M 16 x 130 | 10 | 885.02.16130L |
| M 16 x 140 | 10 | 885.02.16140L |
| M 16 x 150 | 10 | 885.02.16150L |
| M 16 x 160 | 10 | 885.02.16160L |
| M 16 x 180 | 10 | 885.02.16180L |
| M 16 x 200 | 10 | 885.02.16200L |
| M 20 x 80 | 10 | 885.02.20080L |
| M 20 x 90 | 1 | 885.02.20090L |
| M 20 x 100 | 1 | 885.02.20100L |
| M 20 x 110 | 1 | 885.02.20110L |
| M 20 x 120 | 1 | 885.02.20120L |
| M 20 x 130 | 1 | 885.02.20130L |
| M 20 x 140 | 1 | 885.02.20140L |
| M 20 x 150 | 1 | 885.02.20150L |
| M 20 x 160 | 1 | 885.02.20160L |
| M 20 x 170 | 1 | 885.02.20170L |
| M 20 x 180 | 1 | 885.02.20180L |
| M 20 x 200 | 1 | 885.02.20200L |
| M 20 x 220 | 1 | 885.02.20220L |
| M 20 x 240 | 1 | 885.02.20240L |
| M 20 x 260 | 1 | 885.02.20260L |
| M 20 x 280 | 1 | 885.02.20280L |
| M 20 x 300 | 1 | 885.02.20300L |
| M 24 x 80 | 1 | 885.02.24080L |
| M 24 x 90 | 1 | 885.02.24090L |
| M 24 x 100 | 1 | 885.02.24100L |
| M 24 x 110 | 1 | 885.02.24110L |
| M 24 x 120 | 1 | 885.02.24120L |
| M 24 x 130 | 1 | 885.02.24130L |
| M 24 x 140 | 1 | 885.02.24140L |
| M 24 x 150 | 1 | 885.02.24150L |
| M 24 x 160 | 1 | 885.02.24160L |
| M 24 x 170 | 1 | 885.02.24170L |
| M 24 x 180 | 1 | 885.02.24180L |
| M 24 x 200 | 1 | 885.02.24200L |
| M 30 x 120 | 1 | 885.02.30120L |
| M 30 x 130 | 1 | 885.02.30130L |
| M 30 x 140 | 1 | 885.02.30140L |
| M 30 x 150 | 1 | 885.02.30150L |
| M 30 x 160 | 1 | 885.02.30160L |
| M 30 x 180 | 1 | 885.02.30180L |
| M 30 x 200 | 1 | 885.02.30200L |

# Vis diverses (oreille, piton, anneaux)

*DIN 444 FP- suite*

## INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 40 | 10 | 885.31.05040L |
| M 6 x 30 | 10 | 885.31.06030L |
| M 6 x 35 | 10 | 885.31.06035L |
| M 6 x 40 | 10 | 885.31.06040L |
| M 6 x 45 | 10 | 885.31.06045L |
| M 6 x 50 | 10 | 885.31.06050L |
| M 6 x 55 | 10 | 885.31.06055L |
| M 6 x 60 | 10 | 885.31.06060L |
| M 8 x 30 | 10 | 885.31.08030L |
| M 8 x 35 | 10 | 885.31.08035L |
| M 8 x 40 | 10 | 885.31.08040L |
| M 8 x 45 | 10 | 885.31.08045L |
| M 8 x 50 | 10 | 885.31.08050L |
| M 8 x 55 | 10 | 885.31.08055L |
| M 8 x 60 | 10 | 885.31.08060L |
| M 8 x 70 | 10 | 885.31.08070L |
| M 8 x 75 | 10 | 885.31.08075L |
| M 8 x 80 | 10 | 885.31.08080L |
| M 8 x 90 | 10 | 885.31.08090L |
| M 8 x 100 | 10 | 885.31.08100L |
| M 10 x 40 | 10 | 885.31.10040L |
| M 10 x 45 | 10 | 885.31.10045L |
| M 10 x 50 | 10 | 885.31.10050L |
| M 10 x 55 | 10 | 885.31.10055L |
| M 10 x 60 | 10 | 885.31.10060L |
| M 10 x 65 | 10 | 885.31.10065L |
| M 10 x 70 | 10 | 885.31.10070L |
| M 10 x 75 | 10 | 885.31.10075L |
| M 10 x 80 | 10 | 885.31.10080L |
| M 10 x 90 | 10 | 885.31.10090L |
| M 10 x 100 | 10 | 885.31.10100L |
| M 10 x 110 | 10 | 885.31.10110L |
| M 10 x 120 | 10 | 885.31.10120L |
| M 12 x 50 | 10 | 885.31.12050L |
| M 12 x 55 | 10 | 885.31.12055L |
| M 12 x 60 | 10 | 885.31.12060L |
| M 12 x 65 | 10 | 885.31.12065L |
| M 12 x 70 | 10 | 885.31.12070L |
| M 12 x 75 | 10 | 885.31.12075L |
| M 12 x 80 | 10 | 885.31.12080L |
| M 12 x 90 | 10 | 885.31.12090L |
| M 12 x 100 | 10 | 885.31.12100L |
| M 12 x 110 | 10 | 885.31.12110L |
| M 12 x 120 | 10 | 885.31.12120L |
| M 12 x 130 | 10 | 885.31.12130L |
| M 12 x 140 | 10 | 885.31.12140L |
| M 12 x 150 | 10 | 885.31.12150L |
| M 16 x 60 | 1 | 885.31.16060L |
| M 16 x 65 | 1 | 885.31.16065L |
| M 16 x 70 | 1 | 885.31.16070L |
| M 16 x 75 | 1 | 885.31.16075L |
| M 16 x 80 | 1 | 885.31.16080L |
| M 16 x 90 | 1 | 885.31.16090L |
| M 16 x 100 | 1 | 885.31.16100L |
| M 16 x 110 | 1 | 885.31.16110L |
| M 16 x 120 | 1 | 885.31.16120L |
| M 16 x 130 | 1 | 885.31.16130L |
| M 16 x 140 | 1 | 885.31.16140L |
| M 16 x 150 | 1 | 885.31.16150L |
| M 16 x 160 | 1 | 885.31.16160L |
| M 20 x 70 | 1 | 885.31.20070L |
| M 20 x 80 | 1 | 885.31.20080L |
| M 20 x 90 | 1 | 885.31.20090L |
| M 20 x 100 | 1 | 885.31.20100L |
| M 20 x 110 | 1 | 885.31.20110L |
| M 20 x 120 | 1 | 885.31.20120L |
| M 20 x 130 | 1 | 885.31.20130L |
| M 20 x 140 | 1 | 885.31.20140L |
| M 20 x 150 | 1 | 885.31.20150L |
| M 20 x 160 | 1 | 885.31.20160L |
| M 24 x 80 | 1 | 885.31.24080L |
| M 24 x 90 | 1 | 885.31.24090L |
| M 24 x 100 | 1 | 885.31.24100L |
| M 24 x 120 | 1 | 885.31.24120L |
| M 24 x 130 | 1 | 885.31.24130L |
| M 24 x 140 | 1 | 885.31.24140L |
| M 24 x 150 | 1 | 885.31.24150L |
| M 24 x 160 | 1 | 885.31.24160L |

## INOX A4

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 30 | 10 | 885.32.06030L |
| M 6 x 35 | 10 | 885.32.06035L |
| M 6 x 40 | 10 | 885.32.06040L |
| M 6 x 45 | 10 | 885.32.06045L |
| M 6 x 50 | 10 | 885.32.06050L |
| M 6 x 60 | 10 | 885.32.06060L |
| M 8 x 30 | 10 | 885.32.08030L |
| M 8 x 35 | 10 | 885.32.08035L |
| M 8 x 40 | 10 | 885.32.08040L |
| M 8 x 45 | 10 | 885.32.08045L |
| M 8 x 50 | 10 | 885.32.08050L |
| M 8 x 55 | 10 | 885.32.08055L |
| M 8 x 60 | 10 | 885.32.08060L |
| M 8 x 70 | 10 | 885.32.08070L |
| M 8 x 75 | 10 | 885.32.08075L |
| M 8 x 80 | 10 | 885.32.08080L |
| M 8 x 90 | 10 | 885.32.08090L |
| M 8 x 100 | 10 | 885.32.08100L |
| M 10 x 40 | 10 | 885.32.10040L |
| M 10 x 45 | 10 | 885.32.10045L |
| M 10 x 50 | 10 | 885.32.10050L |
| M 10 x 55 | 10 | 885.32.10055L |
| M 10 x 60 | 10 | 885.32.10060L |
| M 10 x 65 | 10 | 885.32.10065L |
| M 10 x 70 | 10 | 885.32.10070L |
| M 10 x 75 | 10 | 885.32.10075L |
| M 10 x 80 | 10 | 885.32.10080L |
| M 10 x 90 | 10 | 885.32.10090L |
| M 10 x 100 | 10 | 885.32.10100L |
| M 10 x 110 | 10 | 885.32.10110L |
| M 10 x 120 | 10 | 885.32.10120L |
| M 12 x 50 | 10 | 885.32.12050L |
| M 12 x 55 | 10 | 885.32.12055L |
| M 12 x 60 | 10 | 885.32.12060L |
| M 12 x 65 | 10 | 885.32.12065L |
| M 12 x 70 | 10 | 885.32.12070L |
| M 12 x 80 | 10 | 885.32.12080L |
| M 12 x 90 | 10 | 885.32.12090L |
| M 12 x 100 | 10 | 885.32.12100L |
| M 12 x 110 | 10 | 885.32.12110L |
| M 12 x 120 | 10 | 885.32.12120L |
| M 12 x 130 | 10 | 885.32.12130L |
| M 12 x 140 | 10 | 885.32.12140L |
| M 12 x 150 | 10 | 885.32.12150L |
| M 16 x 60 | 1 | 885.32.16060L |
| M 16 x 70 | 1 | 885.32.16070L |
| M 16 x 80 | 1 | 885.32.16080L |
| M 16 x 90 | 1 | 885.32.16090L |
| M 16 x 100 | 1 | 885.32.16100L |
| M 16 x 110 | 1 | 885.32.16110L |
| M 16 x 120 | 1 | 885.32.16120L |
| M 16 x 130 | 1 | 885.32.16130L |
| M 16 x 140 | 1 | 885.32.16140L |
| M 16 x 150 | 1 | 885.32.16150L |
| M 16 x 160 | 1 | 885.32.16160L |

## LAITON

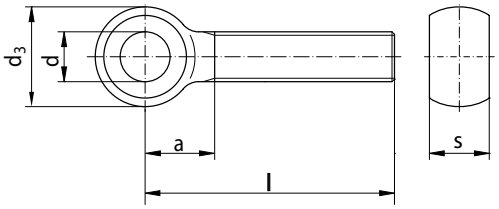
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 40 | 25 | 885.50.06040L |
| M 6 x 50 | 25 | 885.50.06050L |
| M 6 x 60 | 25 | 885.50.06060L |
| M 8 x 40 | 25 | 885.50.08040L |
| M 8 x 50 | 25 | 885.50.08050L |
| M 8 x 60 | 25 | 885.50.08060L |
| M 8 x 70 | 25 | 885.50.08070L |
| M 8 x 80 | 25 | 885.50.08080L |
| M 10 x 50 | 10 | 885.50.10050L |
| M 10 x 60 | 10 | 885.50.10060L |
| M 10 x 70 | 10 | 885.50.10070L |
| M 10 x 80 | 10 | 885.50.10080L |
| M 10 x 90 | 10 | 885.50.10090L |
| M 10 x 100 | 10 | 885.50.10100L |
| M 12 x 60 | 10 | 885.50.12060L |
| M 12 x 70 | 10 | 885.50.12070L |
| M 12 x 80 | 10 | 885.50.12080L |
| M 12 x 90 | 10 | 885.50.12090L |
| M 12 x 100 | 10 | 885.50.12100L |
| M 16 x 70 | 10 | 885.50.16070L |
| M 16 x 80 | 10 | 885.50.16080L |
| M 16 x 90 | 10 | 885.50.16090L |
| M 16 x 100 | 1 | 885.50.16100L |
| M 16 x 110 | 1 | 885.50.16110L |
| M 16 x 120 | 1 | 885.50.16120L |
| M 16 x 130 | 1 | 885.50.16130L |
| M 16 x 140 | 1 | 885.50.16140L |
| M 20 x 80 | 1 | 885.50.20080L |
| M 20 x 90 | 1 | 885.50.20090L |
| M 20 x 100 | 1 | 885.50.20100L |
| M 20 x 110 | 1 | 885.50.20110L |
| M 20 x 120 | 1 | 885.50.20120L |
| M 20 x 130 | 1 | 885.50.20130L |
| M 20 x 140 | 1 | 885.50.20140L |



contact@tsr-industrie.fr - tél. : 03 27 26 12 10 - fax : 03 27 46 85 12

# DIN 444 LBM (FT)

## Corps de boulon à oeil
## Filetage total




| Dimensions | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 |
|---|---|---|---|---|---|---|
| d | 8 | 10 | 12 | 16 | 18 | 22 |
| d3 | 18 | 20 | 25 | 32 | 40 | 45 |
| s | 16 | 18 | 23 | 27 | 32 | 40 |
| a | 22 | 26 | 30 | 38 | 46 | 54 |
| Pas | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 |

### ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 8 x 60 | 25 | 886.02.08060L |
| M 8 x 70 | 25 | 886.02.08070L |
| M 8 x 80 | 25 | 886.02.08080L |
| M 8 x 100 | 25 | 886.02.08100L |
| M 10 x 60 | 25 | 886.02.10060L |
| M 10 x 70 | 25 | 886.02.10070L |
| M 10 x 80 | 25 | 886.02.10080L |
| M 10 x 100 | 25 | 886.02.10100L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 12 x 80 | 10 | 886.02.12080L |
| M 12 x 90 | 10 | 886.02.12090L |
| M 12 x 100 | 10 | 886.02.12100L |
| M 12 x 120 | 10 | 886.02.12120L |
| M 12 x 140 | 10 | 886.02.12140L |
| M 16 x 80 | 10 | 886.02.16080L |
| M 16 x 100 | 10 | 886.02.16100L |
| M 16 x 120 | 10 | 886.02.16120L |
| M 16 x 140 | 10 | 886.02.16140L |
| M 16 x 150 | 10 | 886.02.16150L |
| M 16 x 160 | 10 | 886.02.16160L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 16 x 180 | 10 | 886.02.16180L |
| M 16 x 200 | 10 | 886.02.16200L |
| M 20 x 100 | 10 | 886.02.20100L |
| M 20 x 120 | 1 | 886.02.20120L |
| M 20 x 130 | 1 | 886.02.20130L |
| M 20 x 140 | 1 | 886.02.20140L |
| M 20 x 150 | 1 | 886.02.20150L |
| M 20 x 160 | 1 | 886.02.20160L |
| M 24 x 80 | 1 | 886.02.24080L |
| M 24 x 90 | 1 | 886.02.24090L |
| M 24 x 100 | 1 | 886.02.24100L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 24 x 110 | 1 | 886.02.24110L |
| M 24 x 120 | 1 | 886.02.24120L |
| M 24 x 130 | 1 | 886.02.24130L |
| M 24 x 140 | 1 | 886.02.24140L |
| M 24 x 150 | 1 | 886.02.24150L |
| M 24 x 160 | 1 | 886.02.24160L |
| M 24 x 170 | 1 | 886.02.24170L |
| M 24 x 180 | 1 | 886.02.24180L |
| M 24 x 200 | 1 | 886.02.24200L |

## Palan à main à chaîne « Haltir » prémonté

**Réf. 743.000**

Pour définir vos plans manuels indiquer : la référence, le code - la longueur demandée (ex : 3M = 03
Modèles prémontés :
Hauteur de levée suivant tableau ci-dessous, Chaîne de levage noire coef 4, Chaîne de manoeuvre galva

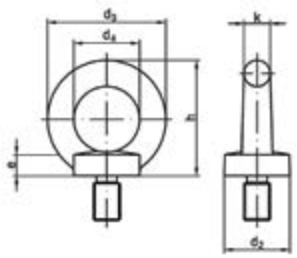


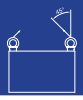

| AVEC LIMITEUR DE CHARGE | | | | | |
|---|---|---|---|---|---|
| CODE | CB | CC | CE | CF | CG |
| C.M.U en kg | 500 | 1000 | 2000 | 3000 | 5000 |
| nombre de brins | 1 | 1 | 1 | 2 | 2 |
| H de levée en m | 3&6 | 3&6 | 3&6 | 3&6 | 3&6 |
| A mini en mm | 350 | 383 | 485 | 565 | 688 |
| B en mm | 146 | 161 | 202 | 230 | 250 |
| épaisseur maxi en mm | 138 | 154 | 177 | 176 | 189 |
| Diam chaîne levage en mm | 5 | 6 | 8 | 7 | 9 |

## Vis diverses (oreille, piton, anneaux)

# DIN 580

## Vis à anneau



| Dimensions | M 6* | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 | M 30 | M 36 | M 42 | M 48 | M 56 | M 64 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d2 | 17 | 20 | 25 | 30 | 35 | 40 | 50 | 65 | 75 | 85 | 100 | 110 | 120 |
| d3 | 28 | 36 | 45 | 54 | 63 | 72 | 90 | 108 | 126 | 144 | 166 | 184 | 206 |
| d4 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 |
| h | 31 | 36 | 45 | 53 | 62 | 71 | 90 | 109 | 128 | 147 | 168 | 187 | 208 |
| e | 4 | 6 | 8 | 10 | 12 | 14 | 18 | 22 | 26 | 30 | 35 | 38 | 42 |
| k | 6 | 8 | 10 | 12 | 14 | 16 | 20 | 14 | 28 | 32 | 38 | 42 | 48 |
| Pas | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 |
| Capacité de charge axiale (Kg)  | 90 | 140 | 230 | 340 | 700 | 1200 | 1800 | 3200 | 4600 | 6300 | 8600 | 11500 | 16000 |
| Capacité de charge 45° (Kg)  | 60 | 100 | 170 | 240 | 500 | 860 | 1290 | 2300 | 3300 | 4500 | 6100 | 8200 | 11000 |

* Hors standards (la charge admissible n'est qu'une indication)

### ACIER C15 BRUT

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 25 | 890.01.06L |
| M 8 | 25 | 890.01.08L |
| M 10 | 25 | 890.01.10L |
| M 12 | 10 | 890.01.12L |
| M 16 | 10 | 890.01.16L |
| M 20 | 1 | 890.01.20L |
| M 24 | 1 | 890.01.24L |
| M 30 | 1 | 890.01.30L |
| M 36 | 1 | 890.01.36L |
| M 42 | 1 | 890.01.42L |
| M 48 | 1 | 890.01.48L |
| M 56 | 1 | 890.01.56L |
| M 64 | 1 | 890.01.64L |

### ACIER C15 ZB

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 25 | 890.02.06L |
| M 8 | 25 | 890.02.08L |
| M 10 | 25 | 890.02.10L |
| M 12 | 10 | 890.02.12L |
| M 16 | 10 | 890.02.16L |
| M 20 | 1 | 890.02.20L |
| M 24 | 1 | 890.02.24L |
| M 30 | 1 | 890.02.30L |
| M 36 | 1 | 890.02.36L |
| M 42 | 1 | 890.02.42L |
| M 48 | 1 | 890.02.48L |
| M 56 | 1 | 890.02.56L |

### ACIER C15 ZJ

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 8 | 25 | 890.03.08L |
| M 10 | 25 | 890.03.10L |
| M 12 | 10 | 890.03.12L |
| M 16 | 10 | 890.03.16L |

### ACIER C15 GALVA À CHAUD

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 8 | 25 | 890.07.08L |
| M 10 | 25 | 890.07.10L |
| M 12 | 10 | 890.07.12L |
| M 16 | 10 | 890.07.16L |
| M 20 | 1 | 890.07.20L |
| M 24 | 1 | 890.07.24L |

### INOX A2

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 1 | 890.31.06L |
| M 8 | 1 | 890.31.08L |
| M 10 | 1 | 890.31.10L |
| M 12 | 1 | 890.31.12L |
| M 16 | 1 | 890.31.16L |
| M 20 | 1 | 890.31.20L |
| M 24 | 1 | 890.31.24L |
| M 30 | 1 | 890.31.30L |

### INOX A4

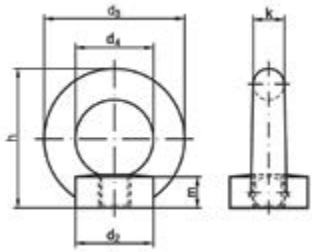
| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 1 | 890.32.06L |
| M 8 | 1 | 890.32.08L |
| M 10 | 1 | 890.32.10L |
| M 12 | 1 | 890.32.12L |
| M 16 | 1 | 890.32.16L |
| M 20 | 1 | 890.32.20L |
| M 24 | 1 | 890.32.24L |
| M 30 | 1 | 890.32.30L |



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# DIN 582

## Écrou à anneau



| Dimensions | M 6* | M 8 | M 10 | M 12 | M 16 | M 20 | M 24 | M 30 | M 36 | M 42 | M 48 | M 56 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d2 | 17 | 20 | 25 | 30 | 35 | 40 | 50 | 65 | 75 | 85 | 100 | 110 |
| d3 | 28 | 36 | 45 | 54 | 63 | 72 | 90 | 108 | 126 | 144 | 166 | 184 |
| d4 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| m | 8.5 | 8.5 | 10 | 11 | 13 | 16 | 20 | 25 | 30 | 35 | 40 | 45 |
| h | 31 | 36 | 45 | 53 | 62 | 71 | 90 | 109 | 128 | 147 | 168 | 187 |
| k | 6 | 8 | 10 | 12 | 14 | 16 | 20 | 24 | 28 | 32 | 38 | 42 |
| Pas | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 |
| Capacité de charge axiale (Kg) | 90 | 140 | 230 | 340 | 700 | 1200 | 1800 | 3200 | 4600 | 6300 | 8600 | 11500 |
| Capacité de charge 45° (Kg) | 60 | 100 | 170 | 240 | 500 | 860 | 1290 | 2300 | 3300 | 4500 | 6100 | 8200 |

### ACIER C15 BRUT

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 25 | 892.01.06L |
| M 8 | 25 | 892.01.08L |
| M 10 | 25 | 892.01.10L |
| M 12 | 10 | 892.01.12L |
| M 16 | 10 | 892.01.16L |
| M 20 | 1 | 892.01.20L |
| M 24 | 1 | 892.01.24L |
| M 30 | 1 | 892.01.30L |
| M 36 | 1 | 892.01.36L |
| M 42 | 1 | 892.01.42L |
| M 48 | 1 | 892.01.48L |
| M 56 | 1 | 892.01.56L |

### ACIER C15 ZB

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 25 | 892.02.06L |
| M 8 | 25 | 892.02.08L |
| M 10 | 25 | 892.02.10L |
| M 12 | 10 | 892.02.12L |
| M 16 | 10 | 892.02.16L |
| M 20 | 1 | 892.02.20L |
| M 24 | 1 | 892.02.24L |
| M 30 | 1 | 892.02.30L |
| M 36 | 1 | 892.02.36L |
| M 42 | 1 | 892.02.42L |
| M 48 | 1 | 892.02.48L |

### ACIER C15 GALVA À CHAUD

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 8 | 25 | 892.07.08L |
| M 10 | 25 | 892.07.10L |
| M 12 | 10 | 892.07.12L |
| M 16 | 10 | 892.07.16L |
| M 20 | 1 | 892.07.20L |
| M 24 | 1 | 892.07.24L |

### INOX A2

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 6 | 1 | 892.31.06L |
| M 8 | 1 | 892.31.08L |
| M 10 | 1 | 892.31.10L |
| M 12 | 1 | 892.31.12L |
| M 16 | 1 | 892.31.16L |
| M 20 | 1 | 892.31.20L |
| M 24 | 1 | 892.31.24L |
| M 30 | 1 | 892.31.30L |

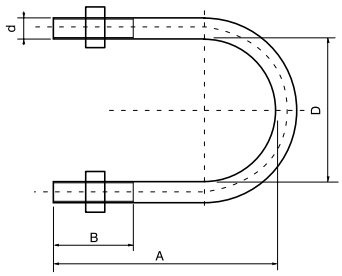
### INOX A4

| Diam | Cdt | Réf. TSR |
|---|---|---|
| M 8 | 1 | 892.32.08L |
| M 10 | 1 | 892.32.10L |
| M 12 | 1 | 892.32.12L |
| M 16 | 1 | 892.32.16L |
| M 20 | 1 | 892.32.20L |
| M 24 | 1 | 892.32.24L |
| M 30 | 1 | 892.32.30L |

## Vis diverses (oreille, piton, anneaux)

# Art. 895

## Étrier fileté pour tube ISO




| Diamètre (D) | 14 | 18 | 22 | 27 | 34 | 43 | 49 | 61 | 71 |
|---|---|---|---|---|---|---|---|---|---|
| D. nominal | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 60 |
| D. pouces | ¼ | 3/8 | ½ | ¾ | 1 | 1-1/4 | 1-1/2 | 2 | 2-1/4 |
| d | M6 | M6 | M6 | M8 | M8 | M8 | M8 | M8 | M8 |
| A | 32 | 36 | 40 | 52 | 60 | 68 | 70 | 82 | 100 |
| B | 16 | 16 | 18 | 25 | 25 | 25 | 28 | 28 | 40 |

| Diamètre (D) | 77 | 89 | 115 | 140 | 168 | 220 | 274 |
|---|---|---|---|---|---|---|---|
| D. nominal | 65 | 80 | 100 | 125 | 150 | 200 | 250 |
| D. pouces | 2/12 | 3 | 4 | 5 | 6 | 8 | 10 |
| d | M8 | M8 | M10 | M10 | M12 | M14 | M14 |
| A | 98 | 110 | 156 | 185 | 210 | 270 | 315 |
| B | 28 | 28 | 55 | 70 | 70 | 60 | 60 |

D : écartement pouvant varier selon les fabrications

### ACIER ZB

| Diam. | d | Cdt | Réf. TSR |
|---|---|---|---|
| **14** | M6 | 25 | 895.02.014L |
| **18** | M6 | 25 | 895.02.018L |
| **22** | M6 | 25 | 895.02.022L |
| **27** | M8 | 25 | 895.02.027L |
| **34** | M8 | 25 | 895.02.034L |
| **43** | M8 | 25 | 895.02.043L |
| **49** | M8 | 10 | 895.02.049L |
| **61** | M8 | 5 | 895.02.061L |
| **71** | M8 | 5 | 895.02.071L |
| **77** | M8 | 5 | 895.02.077L |
| **89** | M8 | 5 | 895.02.089L |
| **115** | M10 | 5 | 895.02.115L |
| **140** | M10 | 1 | 895.02.140L |
| **168** | M12 | 1 | 895.02.168L |
| **220** | M14 | 1 | 895.02.220L |
| **274** | M14 | 1 | 895.02.274L |

### INOX A2

| Diam. | d | Cdt | Réf. TSR |
|---|---|---|---|
| **14** | M6 | 25 | 895.31.014L |
| **18** | M6 | 25 | 895.31.018L |
| **22** | M6 | 25 | 895.31.022L |
| **27** | M8 | 25 | 895.31.027L |
| **34** | M8 | 25 | 895.31.034L |
| **43** | M8 | 25 | 895.31.043L |
| **49** | M8 | 10 | 895.31.049L |
| **61** | M8 | 10 | 895.31.061L |
| **71** | M8 | 5 | 895.31.071L |
| **77** | M8 | 5 | 895.31.077L |
| **89** | M8 | 5 | 895.31.089L |
| **115** | M10 | 5 | 895.31.115L |
| **140** | M10 | 1 | 895.31.140L |
| **168** | M12 | 1 | 895.31.168L |
| **220** | M14 | 1 | 895.31.220L |
| **274** | M14 | 1 | 895.31.274L |

### INOX A4

| Diam. | d | Cdt | Réf. TSR |
|---|---|---|---|
| **14** | M6 | 25 | 895.32.014L |
| **18** | M6 | 25 | 895.32.018L |
| **22** | M6 | 25 | 895.32.022L |
| **27** | M8 | 25 | 895.32.027L |
| **34** | M8 | 25 | 895.32.034L |
| **43** | M8 | 25 | 895.32.043L |
| **49** | M8 | 10 | 895.32.049L |
| **61** | M8 | 5 | 895.32.061L |
| **71** | M8 | 5 | 895.32.071L |
| **77** | M8 | 5 | 895.32.077L |
| **89** | M8 | 5 | 895.32.089L |
| **115** | M10 | 5 | 895.32.115L |
| **140** | M10 | 1 | 895.32.140L |
| **168** | M12 | 1 | 895.32.168L |
| **220** | M14 | 1 | 895.32.220L |
| **274** | M14 | 1 | 895.32.274L |

# Coupe-tube 1/8" à 3"

Épaisseur maximum : 5 mm.
Outil permettant de couper rapidement les tubes acier (gaz - API - etc...) parfaitement d'équerre et sans copeaux.

Coupe-tube acier

| A tube " | A tube mm | L mm | E maxi mm | kg | Réf. |
|---|---|---|---|---|---|
| 1/8 - 1.1/4 | 10 - 42 | 310 | 5 | 1,740 | 661.0201 |
| 1/2 - 2 | 21 - 60 | 400 | 5 | 3,020 | 661.0202 |
| 3/4 - 3 | 27 - 90 | 460 | 5 | 4,220 | 661.0203 |

Coupe-tube inox 10-90 mm

| A tube " | A tube mm | L mm | E maxi mm | kg | Réf. |
|---|---|---|---|---|---|
| 1/2 - 2 | 21 - 60 | 400 | 5 | 3,010 | 661.2100 |

| Type | Pour coupe tube | cond. | kg | Réf. |
|---|---|---|---|---|
| Acier | 661.0201-661.0202-661.0203 | 5 | 0,170 | 661.0211 |
| Fonte grise | 661.0201-661.0202-661.0203 | 5 | 0,170 | 661.0231 |
| Inox | 661.0201-661.0202-661.0203 | 5 | 0,170 | 661.0221 |

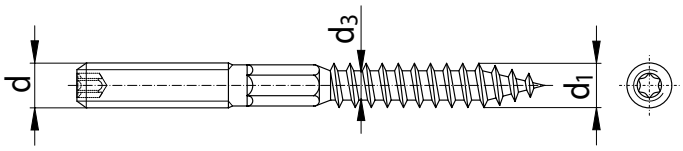






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# Art. 898




## Vis COMBI/GOUJON

## Avec section hexagonale et empreinte Torx

| Diam (d) | M 6 | M 8 | M 10 | M 12 |
|---|---|---|---|---|
| d1 | 5 | 7 | 8.9 | 10.7 |
| d3 | 3.8 | 5.4 | 7 | 8.5 |
| Clé | - | 6 | 8 | 10 |
| Torx | T15 | T25 | T25 | T30 |

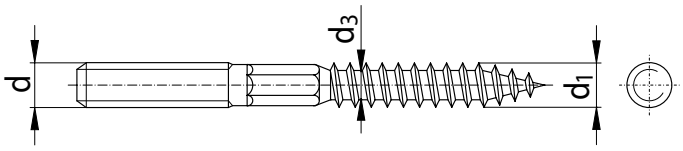
### ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 40 | 100 | 898.02.05040L |
| M 5 x 50 | 100 | 898.02.05050L |
| M 6 x 40 | 100 | 898.02.06040L |
| M 6 x 50 | 100 | 898.02.06050L |
| M 6 x 60 | 100 | 898.02.06060L |
| M 6 x 70 | 100 | 898.02.06070L |
| M 6 x 80 | 100 | 898.02.06080L |
| M 6 x 100 | 100 | 898.02.06100L |
| M 6 x 120 | 100 | 898.02.06120L |
| M 8 x 50 | 100 | 898.02.08050L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 8 x 60 | 100 | 898.02.08060L |
| M 8 x 70 | 100 | 898.02.08070L |
| M 8 x 80 | 100 | 898.02.08080L |
| M 8 x 100 | 100 | 898.02.08100L |
| M 8 x 120 | 100 | 898.02.08120L |
| M 8 x 140 | 100 | 898.02.08140L |
| M 8 x 150 | 100 | 898.02.08150L |
| M 8 x 160 | 100 | 898.02.08160L |
| M 8 x 200 | 50 | 898.02.08200L |
| M 10 x 60 | 100 | 898.02.10060L |
| M 10 x 80 | 50 | 898.02.10080L |
| M 10 x 100 | 50 | 898.02.10100L |
| M 10 x 120 | 50 | 898.02.10120L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 10 x 130 | 50 | 898.02.10130L |
| M 10 x 140 | 50 | 898.02.10140L |
| M 10 x 180 | 50 | 898.02.10180L |
| M 12 x 80 | 50 | 898.02.12080L |
| M 12 x 100 | 50 | 898.02.12100L |
| M 12 x 120 | 50 | 898.02.12120L |
| M 12 x 160 | 50 | 898.02.12160L |
| M 12 x 200 | 50 | 898.02.12200L |

# Art. 899




## Vis COMBI/GOUJON

## Avec section hexagonale

| Diam (d) | M 6 | M 8 | M 10 |
|---|---|---|---|
| d1 | 5 | 7 | 8.9 |
| d3 | 3.8 | 5.4 | 7 |
| Clé | - | 6 | 8 |

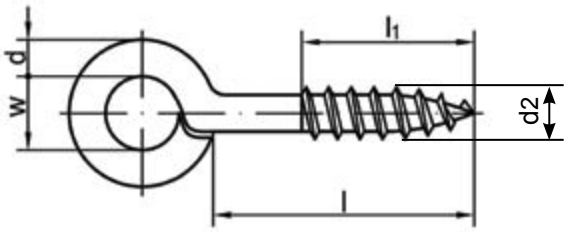
### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 50 | 100 | 899.31.06050L |
| M 6 x 60 | 100 | 899.31.06060L |
| M 6 x 70 | 100 | 899.31.06070L |
| M 6 x 80 | 100 | 899.31.06080L |
| M 6 x 100 | 100 | 899.31.06100L |
| M 6 x 120 | 100 | 899.31.06120L |
| M 6 x 130 | 100 | 899.31.06130L |
| M 6 x 140 | 100 | 899.31.06140L |
| M 6 x 150 | 100 | 899.31.06150L |
| M 6 x 160 | 100 | 899.31.06160L |
| M 6 x 180 | 100 | 899.31.06180L |
| M 8 x 50 | 100 | 899.31.08050L |
| M 8 x 60 | 100 | 899.31.08060L |
| M 8 x 70 | 100 | 899.31.08070L |
| M 8 x 80 | 50 | 899.31.08080L |
| M 8 x 90 | 50 | 899.31.08090L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 8 x 100 | 50 | 899.31.08100L |
| M 8 x 110 | 50 | 899.31.08110L |
| M 8 x 120 | 50 | 899.31.08120L |
| M 8 x 130 | 50 | 899.31.08130L |
| M 8 x 140 | 50 | 899.31.08140L |
| M 8 x 150 | 50 | 899.31.08150L |
| M 8 x 160 | 50 | 899.31.08160L |
| M 8 x 180 | 50 | 899.31.08180L |
| M 8 x 200 | 50 | 899.31.08200L |
| M 10 x 80 | 25 | 899.31.10080L |
| M 10 x 100 | 25 | 899.31.10100L |
| M 10 x 120 | 25 | 899.31.10120L |
| M 10 x 140 | 25 | 899.31.10140L |
| M 10 x 160 | 25 | 899.31.10160L |
| M 10 x 180 | 25 | 899.31.10180L |
| M 10 x 200 | 25 | 899.31.10200L |

# Art. 900

## Piton bois




| Dim. (lxd2) | 6 x 3 | 8 x 3 | 8 x 4 | 10 x 3 | 10 x 4 | 10 x 6 | 12 x 3 | 12 x 4 | 12 x 6 | 12 x 8 | 12 x 10 | 16 x 4 | 16 x 6 | 16 x 8 | 16 x 10 | 16 x 12 | 20 x 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| w | 3 | 8 | 4 | 3 | 4 | 6 | 3 | 4 | 6 | 8 | 10 | 4 | 6 | 8 | 10 | 12 | 6 |
| d | 2 | 2 | 2,3 | 2 | 2,3 | 2.9 | 2 | 2,3 | 2.9 | 3.3 | 3.7 | 2,3 | 2.9 | 3.3 | 3.7 | 3.9 | 2.9 |
| l | 6 | 8 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 20 |
| l1 | 4 | 5 | 5 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 12 |

| Dim. (lxd2) | 20 x 8 | 20 x 10 | 20 x 12 | 25 x 8 | 25 x 10 | 25 x 12 | 25 x 14 | 25 x 16 | 30 x 8 | 30 x 10 | 30 x 12 | 30 x 14 | 30 x 16 | 30 x 18 | 40 x 12 | 40 x 14 | 40 x 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| w | 8 | 10 | 12 | 8 | 10 | 12 | 14 | 16 | 8 | 10 | 12 | 14 | 16 | 18 | 12 | 14 | 16 |
| d | 3.3 | 3.7 | 3.9 | 3.3 | 3.7 | 3.7 | 4 | 4.6 | 3.3 | 3.7 | 3.9 | 4 | 4.6 | 5 | 3.9 | 4 | 4.6 |
| l | 20 | 20 | 20 | 25 | 25 | 25 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 40 | 40 | 40 |
| l1 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 15 | 18 | 18 | 18 | 20 | 18 | 18 | 22 | 25 | 22 |

| Dim. (lxd2) | 40 x 18 | 40 x 20 | 50 x 14 | 50 x 16 | 50 x 18 | 50 x 20 |
|---|---|---|---|---|---|---|
| w | 18 | 20 | 14 | 16 | 18 | 20 |
| d | 5 | 5.2 | 4 | 4.6 | 5 | 5.2 |
| l | 40 | 40 | 50 | 50 | 50 | 50 |
| l1 | 22 | 22 | 25 | 25 | 25 | 25 |

### ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 6 x 3 | 100 | 900.02.0603L |
| 8 x 3 | 100 | 900.02.0803L |
| 8 x 4 | 100 | 900.02.0804L |
| 10 x 3 | 100 | 900.02.1003L |
| 10 x 4 | 100 | 900.02.1004L |
| 10 x 6 | 100 | 900.02.1006L |
| 12 x 3 | 100 | 900.02.1203L |
| 12 x 4 | 100 | 900.02.1204L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 12 x 6 | 100 | 900.02.1206L |
| 12 x 8 | 100 | 900.02.1208L |
| 12 x 10 | 100 | 900.02.1210L |
| 16 x 4 | 100 | 900.02.1604L |
| 16 x 6 | 100 | 900.02.1606L |
| 16 x 8 | 100 | 900.02.1608L |
| 16 x 10 | 100 | 900.02.1610L |
| 16 x 12 | 100 | 900.02.1612L |
| 20 x 6 | 100 | 900.02.2006L |
| 20 x 8 | 100 | 900.02.2008L |
| 20 x 10 | 100 | 900.02.2010L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 20 x 12 | 100 | 900.02.2012L |
| 25 x 8 | 100 | 900.02.2508L |
| 25 x 10 | 100 | 900.02.2510L |
| 25 x 12 | 100 | 900.02.2512L |
| 25 x 16 | 100 | 900.02.2516L |
| 30 x 8 | 100 | 900.02.3008L |
| 30 x 10 | 100 | 900.02.3010L |
| 30 x 12 | 100 | 900.02.3012L |
| 30 x 14 | 100 | 900.02.3014L |
| 30 x 16 | 100 | 900.02.3016L |
| 30 x 18 | 100 | 900.02.3018L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| 40 x 12 | 100 | 900.02.4012L |
| 40 x 14 | 100 | 900.02.4014L |
| 40 x 16 | 100 | 900.02.4016L |
| 40 x 18 | 100 | 900.02.4018L |
| 40 x 20 | 100 | 900.02.4020L |
| 50 x 14 | 100 | 900.02.5014L |
| 50 x 16 | 100 | 900.02.5016L |
| 50 x 18 | 100 | 900.02.5018L |
| 50 x 20 | 100 | 900.02.5020L |

# Perceuse visseuse 14,4 V Li-Ion 1,5 Ah Ø 10 mm

Batteries 14,4 V Li-Ion chargées en 15 minutes seulement
Perceuse visseuse 2 vitesses, compacte et légère
Réglage précis du couple en 16 positions + position perçage
Mandrin auto-serrant 10 mm mono bague
Meilleur contrôle grâce au frein électrique, la machine s'arrête au relachement de la gâchette. Ergonomie Soft Grip pour une meilleure prise en main



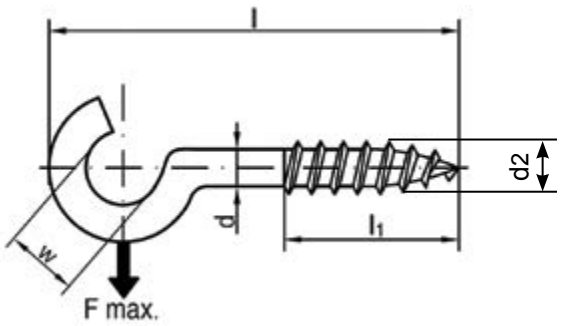

| Puissance | |
|---|---|
| Tension | 14,4 V |
| **Batterie** | |
| Composition chimique batterie | Li-Ion |
| Capacité de batterie | 1,5 Ah |
| Temps de charge en moyenne | 15 min. |
| Nombre de batteries fournies | 2 |
| **Vitesse linéaire ou périphérique** | |
| Nombre de vitesses | 2 |
| **Général** | |
| Dimensions (L x l x h) | 192 x 79 x 226 mm |
| Poids net | 1,4 kg |



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# Art. 901

## Crochet d'armoire bois




| Dimensions | 2.8 | 3.3 | 3.6 | 4.1 | 4.8 | 5.5 | 6 | 6.4 |
|---|---|---|---|---|---|---|---|---|
| w | 6/8 | 10 - 11 | 12 - 14 | 16 - 20 | 22 - 23 | 25 - 26 | 25 - 30 | 25 |
| d | 2,3 | 2.6 | 2.8 | 3.2 | 3.8 | 4,2 | 4.7 | 5.2 |
| l | 20/25 | 30 | 40 | 50/60 | 70 | 80 | 100 | 80 |
| l1 | 6/8 | 10 | 12 | 15 /22 | 22 | 26 | 30 | 24 |
| F max. | 4 kg | 4 kg | 7.5 kg | 9 kg | 10 kg | 12.5 kg | 15 kg | 25 kg |

### ACIER 4.6 ZB

| l | x | d | x | D | Cdt | Réf. TSR |
|---|---|---|---|---|---|---|
| **20** | **x** | **2,3** | x | 6 | 100 | 901.02.020L |
| **25** | **x** | **2,3** | x | 8 | 100 | 901.02.025L |
| **30** | **x** | **2,3** | x | 10 | 100 | 901.02.030L |
| **40** | **x** | **2,9** | x | 12 | 100 | 901.02.040L |
| **50** | **x** | **3,3** | x | 16 | 100 | 901.02.050L |
| **60** | **x** | **3,3** | x | 16 | 100 | 901.02.060L |
| **70** | **x** | **3,8** | x | 22 | 100 | 901.02.070L |
| **80** | **x** | **4,3** | x | 25 | 100 | 901.02.080L |
| **100** | **x** | **4,8** | x | 25 | 100 | 901.02.100L |

### ACIER 4.6 EPOXY BLANC

| l | x | d | x | D | Cdt | Réf. TSR |
|---|---|---|---|---|---|---|
| **25** | **x** | **2,3** | x | 8 | 100 | 901.60.025L |
| **30** | **x** | **2,3** | x | 10 | 100 | 901.60.030L |
| **40** | **x** | **2,9** | x | 12 | 100 | 901.60.040L |
| **50** | **x** | **3,3** | x | 16 | 100 | 901.60.050L |
| **60** | **x** | **3,3** | x | 16 | 100 | 901.60.060L |
| **80** | **x** | **4,3** | x | 25 | 100 | 901.60.080L |

# Multiprises à verrouillage

Nombre de positions multiplié par 2
> Sécurité de l'opérateur
> Petite ou grande main, le même confort



Capacité 36 mm

**622.7301**
Multiprise à verrouillage
gaine CPE 180 mm
20 positions de réglage



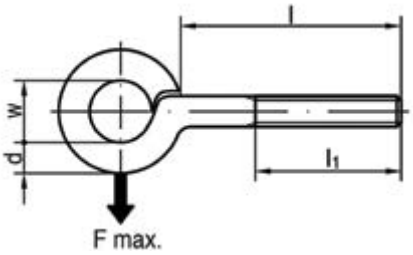
Capacité 42 mm

**622.7302**
Multiprise à verrouillage
gaine CPE 250 mm
24 positions de réglage

## Vis diverses (oreille, piton, anneaux)

# Art. 905

## Piton métrique




| Dimensions | M 3 | | M 4 | | | | | | M 5 | | | | | | | M 6 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| w | 5 | | 6 | | | | | | 8 | | | | | | | 10 | | | | | | | | | |
| d | 2.6 | | 3.5 | | | | | | 4.4 | | | | | | | 5.2 | | | | | | | | | |
| l | 11 | 16 | 11 | 16 | 21 | 26 | 32 | 42 | 16 | 21 | 26 | 32 | 42 | 52 | 62 | 11 | 16 | 21 | 26 | 32 | 42 | 52 | 62 | 72 | 82 |
| l1 | 10 | 15 | 10 | 15 | 20 | 25 | 30 | 40 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 |
| F max. | 7.50 kg | | 12.50 kg | | | | | | 20 kg | | | | | | | 35 kg | | | | | | | | | |

| Dimensions | M 8 | | | | | | | | M 10 | | | | | | | M 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| w | 12 | | | | | | | | 14 | | | | | | | 18 |
| d | 7 | | | | | | | | 8.9 | | | | | | | 10.6 |
| l | 21 | 26 | 32 | 42 | 52 | 62 | 82 | 102 | 32 | 42 | 52 | 62 | 72 | 82 | 102 | 102 |
| l1 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 | 30 | 40 | 50 | 60 | 70 | 80 | 100 | 100 |
| F max. | 50 kg | | | | | | | | 100 kg | | | | | | | 175 kg |

## ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 10 | 100 | 905.02.03010L |
| M 3 x 15 | 100 | 905.02.03015L |
| M 4 x 10 | 100 | 905.02.04010L |
| M 4 x 15 | 100 | 905.02.04015L |
| M 4 x 20 | 100 | 905.02.04020L |
| M 4 x 25 | 100 | 905.02.04025L |
| M 4 x 30 | 100 | 905.02.04030L |
| M 4 x 40 | 100 | 905.02.04040L |
| M 5 x 15 | 100 | 905.02.05015L |
| M 5 x 20 | 100 | 905.02.05020L |
| M 5 x 25 | 100 | 905.02.05025L |
| M 5 x 30 | 100 | 905.02.05030L |
| M 5 x 40 | 100 | 905.02.05040L |
| M 5 x 50 | 100 | 905.02.05050L |
| M 5 x 60 | 100 | 905.02.05060L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 10 | 100 | 905.02.06010L |
| M 6 x 15 | 100 | 905.02.06015L |
| M 6 x 20 | 100 | 905.02.06020L |
| M 6 x 25 | 100 | 905.02.06025L |
| M 6 x 30 | 100 | 905.02.06030L |
| M 6 x 40 | 100 | 905.02.06040L |
| M 6 x 50 | 100 | 905.02.06050L |
| M 6 x 60 | 100 | 905.02.06060L |
| M 6 x 70 | 100 | 905.02.06070L |
| M 6 x 80 | 100 | 905.02.06080L |
| M 8 x 20 | 50 | 905.02.08020L |
| M 8 x 25 | 50 | 905.02.08025L |
| M 8 x 30 | 50 | 905.02.08030L |
| M 8 x 40 | 50 | 905.02.08040L |
| M 8 x 50 | 50 | 905.02.08050L |
| M 8 x 60 | 50 | 905.02.08060L |
| M 8 x 80 | 50 | 905.02.08080L |
| M 8 x 100 | 50 | 905.02.08100L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 10 x 30 | 50 | 905.02.10030L |
| M 10 x 40 | 50 | 905.02.10040L |
| M 10 x 50 | 50 | 905.02.10050L |
| M 10 x 60 | 50 | 905.02.10060L |
| M 10 x 80 | 50 | 905.02.10080L |
| M 10 x 100 | 50 | 905.02.10100L |
| M 12 x 100 | 25 | 905.02.12100L |

## INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 4 x 10 | 50 | 905.31.04010L |
| M 4 x 15 | 50 | 905.31.04015L |
| M 4 x 20 | 50 | 905.31.04020L |
| M 4 x 30 | 50 | 905.31.04030L |
| M 5 x 15 | 50 | 905.31.05015L |

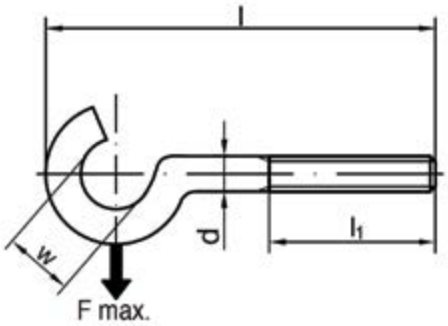
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 20 | 50 | 905.31.05020L |
| M 5 x 30 | 50 | 905.31.05030L |
| M 5 x 40 | 50 | 905.31.05040L |
| M 6 x 15 | 50 | 905.31.06015L |
| M 6 x 20 | 50 | 905.31.06020L |
| M 6 x 25 | 50 | 905.31.06025L |
| M 6 x 30 | 50 | 905.31.06030L |
| M 6 x 40 | 50 | 905.31.06040L |
| M 6 x 50 | 50 | 905.31.06050L |
| M 6 x 60 | 50 | 905.31.06060L |
| M 8 x 20 | 50 | 905.31.08020L |
| M 8 x 25 | 50 | 905.31.08025L |
| M 8 x 30 | 50 | 905.31.08030L |
| M 8 x 40 | 50 | 905.31.08040L |
| M 8 x 50 | 50 | 905.31.08050L |
| M 8 x 60 | 50 | 905.31.08060L |
| M 10 x 40 | 50 | 905.31.10040L |
| M 10 x 70 | 50 | 905.31.10070L |



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# Art. 906

## Crochet d'armoire métrique




| Dimensions | M 4 | | M 5 | | M 6 | | M 8 | |
|---|---|---|---|---|---|---|---|---|
| w | 16 | | 16 | | 18 | | 22 | |
| d | 3.5 | | 4.4 | | 5.2 | | 7 | |
| l | 40 | 50 | 50 | 60 | 50 | 60 | 70 | 80 |
| l1 | 20 | 25 | 23 | 30 | 20 | 30 | 32 | 42 |
| Fmax. | 9 kg | | 12.50 kg | | 25 kg | | 40 kg | |

### ACIER 4.6 ZB

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 4 x 40 | 100 | 906.02.04040L |
| M 4 x 50 | 100 | 906.02.04050L |
| M 5 x 50 | 100 | 906.02.05050L |
| M 5 x 60 | 100 | 906.02.05060L |
| M 6 x 50 | 100 | 906.02.06050L |
| M 6 x 60 | 100 | 906.02.06060L |
| M 8 x 70 | 100 | 906.02.08070L |
| M 8 x 80 | 100 | 906.02.08080L |

## Embout «snakes-eyes»pour vis inviolable - acier



| Ref TSR | Snake-eyes | H | P | L |
|---|---|---|---|---|
| 914.01.00 | 4 | 3 | 1,5 | 25 |
| 914.01.01 | 6 | 4 | 2 | 25 |
| 914.01.02 | 8 | 5 | 2,5 | 25 |
| 914.01.03 | 10 | 6 | 3,5 | 25 |
| 914.01.04 | 14 | 8 | 4,5 | 25 |

## Clé hexagonale pour vis inviolable acier



| Ref TSR | Surplat | L |
|---|---|---|
| 924.01.00 | 2 | 45 |
| 924.01.01 | 2,5 | 53 |
| 924.01.02 | 3 | 59 |
| 924.01.03 | 4 | 65 |
| 924.01.04 | 5 | 75 |
| 924.01.05 | 6 | 87 |

## Embout six lobes pour vis inviolable - acier



| Ref TSR | 6 lobes | L |
|---|---|---|
| 917.01.00 | 10 | 25 |
| 917.01.01 | 15 | 25 |
| 917.01.02 | 20 | 25 |
| 917.01.03 | 25 | 25 |
| 917.01.04 | 30 | 25 |
| 917.01.05 | 40 | 25 |
| 917.01.06 | 45 | 32 |

## Clé six lobes pour vis inviolable acier



| Ref TSR | 6 lobes | L |
|---|---|---|
| 925.01.00 | 10 | 51 |
| 925.01.01 | 15 | 61 |
| 925.01.02 | 20 | 71 |
| 925.01.03 | 25 | 74 |
| 925.01.04 | 30 | 75 |
| 925.01.05 | 40 | 87 |
| 925.01.06 | 45 | 91 |

## Embout hexagonal pour vis inviolable - acier



| Ref TSR | Surplat | L |
|---|---|---|
| 918.01.00 | 2 | 25 |
| 918.01.01 | 2,5 | 25 |
| 918.01.02 | 3 | 25 |
| 918.01.03 | 4 | 25 |
| 918.01.04 | 5 | 25 |
| 918.01.05 | 6 | 25 |

## Embout carré

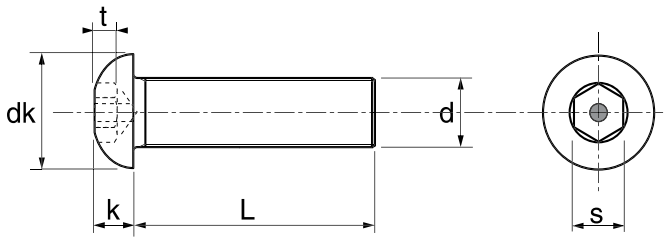


| Ref TSR | Carré | Surplat | L |
|---|---|---|---|
| 926.01.00 | N° 1 | 2,31 | 89 |
| 926.01.01 | N° 2 | 2,85 | 89 |
| 926.01.02 | N° 3 | 3,37 | 89 |

## Vis de sécurité

# Art. 910

## Vis à métaux antivol tête bombée
## Empreinte six pans creux avec téton



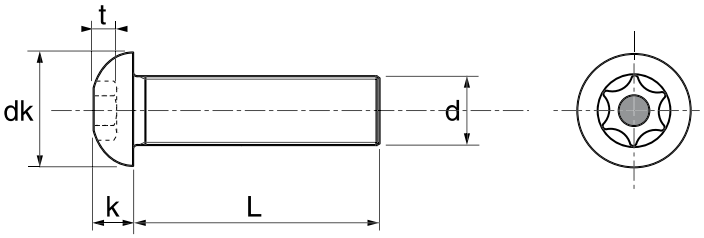

| Diam | M3 | M4 | M5 | M6 | M8 | M10 |
|---|---|---|---|---|---|---|
| dk | 5,7 | 7,6 | 9,5 | 10,5 | 14 | 17,5 |
| s | 2 | 2,5 | 3 | 4 | 5 | 6 |
| k | 1,65 | 2,2 | 2,75 | 3,3 | 4,4 | 5,5 |
| t | 1 | 1,3 | 1,56 | 2,08 | 2,6 | 3,12 |
| Surplat | 2 | 2.5 | 3 | 4 | 5 | 6 |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 100 | 910.31.03006L |
| M 3 x 8 | 100 | 910.31.03008L |
| M 3 x 10 | 100 | 910.31.03010L |
| M 3 x 12 | 100 | 910.31.03012L |
| M 3 x 16 | 100 | 910.31.03016L |
| M 3 x 20 | 100 | 910.31.03020L |
| M 4 x 8 | 100 | 910.31.04008L |
| M 4 x 10 | 100 | 910.31.04010L |
| M 4 x 12 | 100 | 910.31.04012L |
| M 4 x 16 | 100 | 910.31.04016L |
| M 4 x 20 | 100 | 910.31.04020L |
| M 4 x 25 | 100 | 910.31.04025L |
| M 4 x 30 | 100 | 910.31.04030L |
| M 5 x 10 | 100 | 910.31.05010L |
| M 5 x 12 | 100 | 910.31.05012L |
| M 5 x 16 | 100 | 910.31.05016L |
| M 5 x 20 | 100 | 910.31.05020L |
| M 5 x 25 | 100 | 910.31.05025L |
| M 5 x 30 | 100 | 910.31.05030L |
| M 5 x 40 | 100 | 910.31.05040L |
| M 6 x 10 | 100 | 910.31.06010L |
| M 6 x 12 | 100 | 910.31.06012L |
| M 6 x 16 | 100 | 910.31.06016L |
| M 6 x 20 | 100 | 910.31.06020L |
| M 6 x 25 | 100 | 910.31.06025L |
| M 6 x 30 | 100 | 910.31.06030L |
| M 6 x 40 | 100 | 910.31.06040L |
| M 6 x 50 | 100 | 910.31.06050L |
| M 8 x 12 | 50 | 910.31.08012L |
| M 8 x 16 | 50 | 910.31.08016L |
| M 8 x 20 | 50 | 910.31.08020L |
| M 8 x 25 | 50 | 910.31.08025L |
| M 8 x 30 | 50 | 910.31.08030L |
| M 8 x 40 | 50 | 910.31.08040L |
| M 8 x 50 | 50 | 910.31.08050L |
| M 8 x 60 | 50 | 910.31.08060L |
| M 10 x 20 | 50 | 910.31.10020L |
| M 10 x 25 | 50 | 910.31.10025L |
| M 10 x 30 | 50 | 910.31.10030L |
| M 10 x 40 | 50 | 910.31.10040L |
| M 10 x 50 | 50 | 910.31.10050L |
| M 10 x 60 | 50 | 910.31.10060L |

# Art. 911

## Vis à métaux antivol tête bombée
## Empreinte Torx avec téton




| Diam | M3 | M4 | M5 | M6 | M8 | M10 |
|---|---|---|---|---|---|---|
| dk | 5.9 | 7.5 | 9.4 | 10 | 13.4 | 17.5 |
| k | 1.7 | 2.1 | 2.7 | 3.2 | 4.3 | 5.2 |
| t | 0.96 | 1.43 | 2 | 2 | 3.2 | 3.5 |
| 6 lobes | 10 | 20 | 25 | 30 | 40 | 45 |

### INOX A2

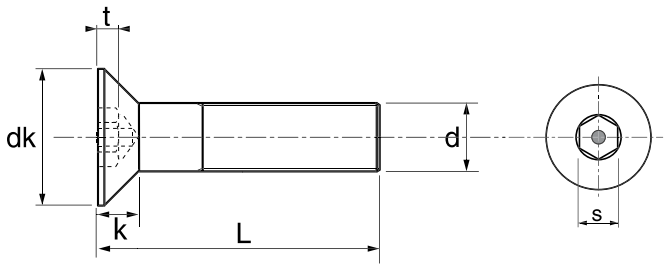
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 100 | 911.31.03006L |
| M 3 x 8 | 100 | 911.31.03008L |
| M 3 x 10 | 100 | 911.31.03010L |
| M 3 x 12 | 100 | 911.31.03012L |
| M 3 x 16 | 100 | 911.31.03016L |
| M 3 x 20 | 100 | 911.31.03020L |
| M 4 x 8 | 100 | 911.31.04008L |
| M 4 x 10 | 100 | 911.31.04010L |
| M 4 x 12 | 100 | 911.31.04012L |
| M 4 x 16 | 100 | 911.31.04016L |
| M 4 x 20 | 100 | 911.31.04020L |
| M 4 x 25 | 100 | 911.31.04025L |
| M 4 x 30 | 100 | 911.31.04030L |
| M 4 x 40 | 100 | 911.31.04040L |
| M 5 x 10 | 100 | 911.31.05010L |
| M 5 x 12 | 100 | 911.31.05012L |
| M 5 x 16 | 100 | 911.31.05016L |
| M 5 x 20 | 100 | 911.31.05020L |
| M 5 x 25 | 100 | 911.31.05025L |
| M 5 x 30 | 100 | 911.31.05030L |
| M 5 x 40 | 100 | 911.31.05040L |
| M 5 x 50 | 100 | 911.31.05050L |
| M 5 x 60 | 100 | 911.31.05060L |
| M 6 x 10 | 100 | 911.31.06010L |
| M 6 x 12 | 100 | 911.31.06012L |
| M 6 x 16 | 100 | 911.31.06016L |
| M 6 x 20 | 100 | 911.31.06020L |
| M 6 x 25 | 100 | 911.31.06025L |
| M 6 x 30 | 100 | 911.31.06030L |
| M 6 x 35 | 100 | 911.31.06035L |
| M 6 x 40 | 100 | 911.31.06040L |
| M 6 x 50 | 100 | 911.31.06050L |
| M 6 x 60 | 100 | 911.31.06060L |
| M 8 x 12 | 50 | 911.31.08012L |
| M 8 x 16 | 50 | 911.31.08016L |
| M 8 x 20 | 50 | 911.31.08020L |
| M 8 x 25 | 50 | 911.31.08025L |
| M 8 x 30 | 50 | 911.31.08030L |
| M 8 x 40 | 50 | 911.31.08040L |
| M 8 x 50 | 50 | 911.31.08050L |
| M 8 x 60 | 50 | 911.31.08060L |
| M 10 x 20 | 50 | 911.31.10020L |
| M 10 x 25 | 50 | 911.31.10025L |
| M 10 x 30 | 50 | 911.31.10030L |
| M 10 x 40 | 50 | 911.31.10040L |
| M 10 x 50 | 50 | 911.31.10050L |
| M 10 x 60 | 50 | 911.31.10060L |
| M 10 x 70 | 50 | 911.31.10070L |



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# Art. 912

## Vis à métaux antivol tête fraisée
## Empreinte six pans creux avec téton




| Diam | M3 | M4 | M5 | M6 | M8 | M10 |
|---|---|---|---|---|---|---|
| dk | 6 | 8 | 10 | 12 | 16 | 20 |
| s | 2 | 2,5 | 3 | 4 | 5 | 6 |
| k | 1,7 | 2,3 | 2,8 | 3,3 | 4,4 | 5,5 |
| t | 1,2 | 1,6 | 2,3 | 3 | 3,2 | 4,4 |
| Surplat | 2 | 2.5 | 3 | 4 | 5 | 6 |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 100 | 912.31.03006L |
| M 3 x 8 | 100 | 912.31.03008L |
| M 3 x 10 | 100 | 912.31.03010L |
| M 3 x 12 | 100 | 912.31.03012L |
| M 3 x 16 | 100 | 912.31.03016L |
| M 3 x 20 | 100 | 912.31.03020L |
| M 4 x 10 | 100 | 912.31.04010L |
| M 4 x 12 | 100 | 912.31.04012L |
| M 4 x 16 | 100 | 912.31.04016L |
| M 4 x 20 | 100 | 912.31.04020L |

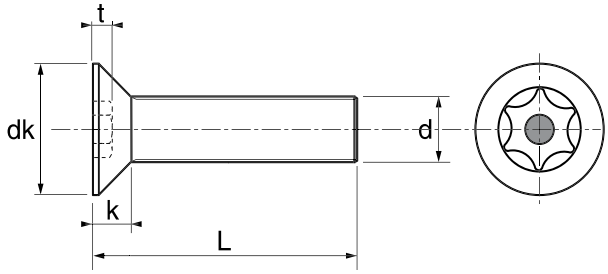
| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 4 x 25 | 100 | 912.31.04025L |
| M 4 x 30 | 100 | 912.31.04030L |
| M 5 x 10 | 100 | 912.31.05010L |
| M 5 x 12 | 100 | 912.31.05012L |
| M 5 x 16 | 100 | 912.31.05016L |
| M 5 x 20 | 100 | 912.31.05020L |
| M 5 x 25 | 100 | 912.31.05025L |
| M 5 x 30 | 100 | 912.31.05030L |
| M 5 x 40 | 100 | 912.31.05040L |
| M 6 x 10 | 100 | 912.31.06010L |
| M 6 x 12 | 100 | 912.31.06012L |
| M 6 x 16 | 100 | 912.31.06016L |
| M 6 x 20 | 100 | 912.31.06020L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 6 x 25 | 100 | 912.31.06025L |
| M 6 x 30 | 100 | 912.31.06030L |
| M 6 x 35 | 100 | 912.31.06035L |
| M 6 x 40 | 100 | 912.31.06040L |
| M 6 x 50 | 100 | 912.31.06050L |
| M 8 x 12 | 50 | 912.31.08012L |
| M 8 x 16 | 100 | 912.31.08016L |
| M 8 x 20 | 100 | 912.31.08020L |
| M 8 x 25 | 100 | 912.31.08025L |
| M 8 x 30 | 100 | 912.31.08030L |
| M 8 x 35 | 100 | 912.31.08035L |
| M 8 x 40 | 100 | 912.31.08040L |
| M 8 x 45 | 100 | 912.31.08045L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 8 x 50 | 100 | 912.31.08050L |
| M 8 x 60 | 100 | 912.31.08060L |
| M 10 x 16 | 100 | 912.31.10016L |
| M 10 x 20 | 100 | 912.31.10020L |
| M 10 x 25 | 100 | 912.31.10025L |
| M 10 x 30 | 100 | 912.31.10030L |
| M 10 x 35 | 100 | 912.31.10035L |
| M 10 x 40 | 100 | 912.31.10040L |
| M 10 x 45 | 100 | 912.31.10045L |
| M 10 x 50 | 100 | 912.31.10050L |
| M 10 x 60 | 100 | 912.31.10060L |

# Art. 913

## Vis à métaux antivol tête fraisée
## Empreinte Torx avec téton




| Diam | M3 | M4 | M5 | M6 |
|---|---|---|---|---|
| dk | 6 | 8 | 10 | 12 |
| k | 1,7 | 2,3 | 2,8 | 3,3 |
| t | 1,2 | 1,6 | 2,3 | 3 |
| 6 lobes | 10 | 20 | 25 | 30 |

### INOX A2

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 3 x 6 | 100 | 913.31.03006L |
| M 3 x 8 | 100 | 913.31.03008L |
| M 3 x 10 | 100 | 913.31.03010L |
| M 3 x 12 | 100 | 913.31.03012L |
| M 3 x 16 | 100 | 913.31.03016L |
| M 3 x 20 | 100 | 913.31.03020L |
| M 4 x 10 | 100 | 913.31.04010L |
| M 4 x 12 | 100 | 913.31.04012L |
| M 4 x 16 | 100 | 913.31.04016L |
| M 4 x 20 | 100 | 913.31.04020L |
| M 4 x 25 | 100 | 913.31.04025L |
| M 4 x 30 | 100 | 913.31.04030L |
| M 4 x 40 | 100 | 913.31.04040L |
| M 4 x 50 | 100 | 913.31.04050L |
| M 5 x 10 | 100 | 913.31.05010L |

| Diam x L | Cdt | Réf. TSR |
|---|---|---|
| M 5 x 12 | 100 | 913.31.05012L |
| M 5 x 16 | 100 | 913.31.05016L |
| M 5 x 20 | 100 | 913.31.05020L |
| M 5 x 25 | 100 | 913.31.05025L |
| M 5 x 30 | 100 | 913.31.05030L |
| M 5 x 40 | 100 | 913.31.05040L |
| M 5 x 50 | 100 | 913.31.05050L |
| M 5 x 60 | 100 | 913.31.05060L |
| M 5 x 70 | 100 | 913.31.05070L |
| M 6 x 12 | 100 | 913.31.06012L |
| M 6 x 16 | 100 | 913.31.06016L |
| M 6 x 20 | 100 | 913.31.06020L |
| M 6 x 25 | 100 | 913.31.06025L |
| M 6 x 30 | 100 | 913.31.06030L |
| M 6 x 40 | 100 | 913.31.06040L |
| M 6 x 50 | 100 | 913.31.06050L |
| M 6 x 60 | 100 | 913.31.06060L |

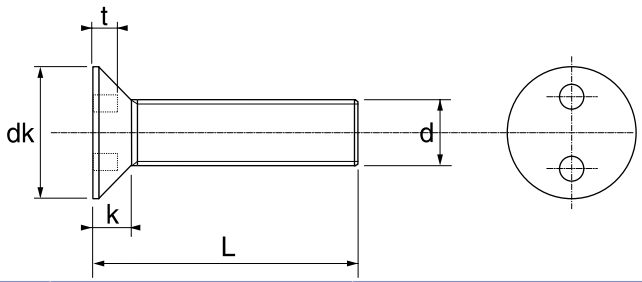
## Embout six lobes pour vis inviolable - acier



| Ref TSR | 6 lobes | L |
|---|---|---|
| 917.01.00 | 10 | 25 |
| 917.01.01 | 15 | 25 |
| 917.01.02 | 20 | 25 |
| 917.01.03 | 25 | 25 |
| 917.01.04 | 30 | 25 |
| 917.01.05 | 40 | 25 |
| 917.01.06 | 45 | 32 |

# Art. 915

## Vis à métaux antivol tête fraisée Empreinte deux trous (snake eyes)



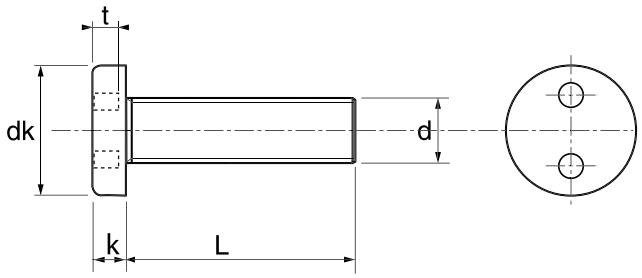

| Diam | M3 | M4 | M5 | M6 |
|---|---|---|---|---|
| dk | 5,5 | 7,3 | 9 | 10,7 |
| k | 1,6 | 2,2 | 3 | 3,2 |
| t | 1,1 | 1,3 | 1,4 | 1,6 |
| Snake eyes | 4 | 8 | 10 | 14 |

### INOX A2

| Diam X L | Cdt | Réf. TSR |
|---|---|---|
| M 3 X 10 | 100 | 915.31.03010L |
| M 3 X 12 | 100 | 915.31.03012L |
| M 3 X 16 | 100 | 915.31.03016L |
| M 4 X 10 | 100 | 915.31.04010L |
| M 4 X 12 | 100 | 915.31.04012L |
| M 4 X 16 | 100 | 915.31.04016L |
| M 4 X 20 | 100 | 915.31.04020L |
| M 5 X 12 | 100 | 915.31.05012L |
| M 5 X 16 | 100 | 915.31.05016L |
| M 5 X 20 | 100 | 915.31.05020L |
| M 5 X 25 | 100 | 915.31.05025L |
| M 5 X 30 | 100 | 915.31.05030L |
| M 6 X 16 | 100 | 915.31.06016L |
| M 6 X 20 | 100 | 915.31.06020L |
| M 6 X 25 | 100 | 915.31.06025L |
| M 6 X 30 | 100 | 915.31.06030L |
| M 6 X 40 | 100 | 915.31.06040L |

# Art. 916

## Vis à métaux antivol tête cylindrique Empreinte deux trous (snake eyes)




| Diam | M3 | M4 | M5 | M6 |
|---|---|---|---|---|
| dk | 5,9 | 8 | 10 | 12 |
| k | 1,8 | 2,45 | 3,2 | 3,6 |
| t | 1 | 1,2 | 1,8 | 1,8 |
| Snake eyes | 4 | 8 | 10 | 14 |

### INOX A2

| Diam X L | Cdt | Réf. TSR |
|---|---|---|
| M 3 X 8 | 100 | 916.31.03008L |
| M 3 X 10 | 100 | 916.31.03010L |
| M 3 X 12 | 100 | 916.31.03012L |
| M 3 X 16 | 100 | 916.31.03016L |
| M 4 X 8 | 100 | 916.31.04008L |
| M 4 X 10 | 100 | 916.31.04010L |
| M 4 X 12 | 100 | 916.31.04012L |
| M 4 X 16 | 100 | 916.31.04016L |
| M 4 X 20 | 100 | 916.31.04020L |
| M 4 X 25 | 100 | 916.31.04025L |
| M 4 X 30 | 100 | 916.31.04030L |
| M 5 X 10 | 100 | 916.31.05010L |
| M 5 X 12 | 100 | 916.31.05012L |
| M 5 X 16 | 100 | 916.31.05016L |
| M 5 X 20 | 100 | 916.31.05020L |
| M 5 X 25 | 100 | 916.31.05025L |
| M 5 X 30 | 100 | 916.31.05030L |
| M 5 X 40 | 100 | 916.31.05040L |
| M 6 X 12 | 100 | 916.31.06012L |
| M 6 X 16 | 100 | 916.31.06016L |
| M 6 X 20 | 100 | 916.31.06020L |
| M 6 X 25 | 100 | 916.31.06025L |
| M 6 X 30 | 100 | 916.31.06030L |
| M 6 X 40 | 100 | 916.31.06040L |

## Embout «snakes-eyes»pour vis inviolable - acier



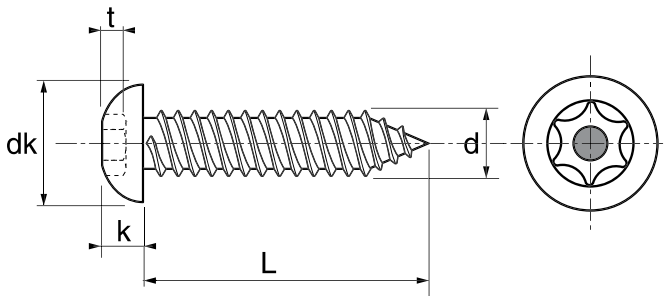
| Ref TSR | Snake-eyes | H | P | L |
|---|---|---|---|---|
| 914.01.00 | 4 | 3 | 1,5 | 25 |
| 914.01.01 | 6 | 4 | 2 | 25 |
| 914.01.02 | 8 | 5 | 2,5 | 25 |
| 914.01.03 | 10 | 6 | 3,5 | 25 |
| 914.01.04 | 14 | 8 | 4,5 | 25 |



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# Art. 919

## Vis à tole antivol tête bombée
## Empreinte TORX avec téton



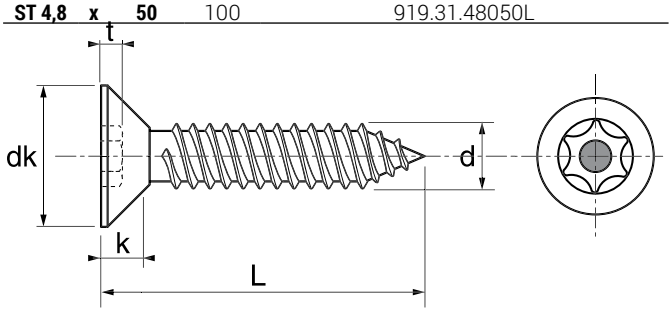

| Diam | 3,5 | 4,2 | 4,8 |
|---|---|---|---|
| dk | 6,6 | 7,5 | 9,2 |
| k | 2 | 2,3 | 3,1 |
| t | 1,4 | 1,7 | 2,1 |
| 6 lobes | 10 | 15 | 25 |

### INOX A2

| Diam | x | L | Cdt | Réf. TSR |
|---|---|---|---|---|
| ST 3,5 | x | 13 | 100 | 919.31.35013L |
| ST 3,5 | x | 16 | 100 | 919.31.35016L |
| ST 3,5 | x | 19 | 100 | 919.31.35019L |
| ST 3,5 | x | 25 | 100 | 919.31.35025L |
| ST 3,5 | x | 32 | 100 | 919.31.35032L |
| ST 3,5 | x | 38 | 100 | 919.31.35038L |
| ST 4,2 | x | 16 | 100 | 919.31.42016L |
| ST 4,2 | x | 19 | 100 | 919.31.42019L |
| ST 4,2 | x | 25 | 100 | 919.31.42025L |
| ST 4,2 | x | 32 | 100 | 919.31.42032L |
| ST 4,2 | x | 38 | 100 | 919.31.42038L |
| ST 4,8 | x | 13 | 100 | 919.31.48013L |
| ST 4,8 | x | 16 | 100 | 919.31.48016L |
| ST 4,8 | x | 19 | 100 | 919.31.48019L |
| ST 4,8 | x | 25 | 100 | 919.31.48025L |
| ST 4,8 | x | 32 | 100 | 919.31.48032L |
| ST 4,8 | x | 38 | 100 | 919.31.48038L |
| ST 4,8 | x | 50 | 100 | 919.31.48050L |

# Art. 920

## Vis à tole antivol tête fraisée
## Empreinte TORX avec téton




| Diam | 3,5 | 4,2 | 4,8 |
|---|---|---|---|
| dk | 7,7 | 8 | 10,3 |
| k | 3,05 | 3,3 | 4 |
| t | 1,6 | 1,6 | 2,54 |
| 6 lobes | 15 | 20 | 25 |

### INOX A2

| Diam | X | L | Cdt | Réf. TSR |
|---|---|---|---|---|
| ST 3,5 | X | 13 | 100 | 920.31.35013L |
| ST 3,5 | X | 16 | 100 | 920.31.35016L |
| ST 3,5 | X | 19 | 100 | 920.31.35019L |
| ST 3,5 | X | 25 | 100 | 920.31.35025L |
| ST 3,5 | X | 32 | 100 | 920.31.35032L |
| ST 3,5 | X | 38 | 100 | 920.31.35038L |
| ST 4,2 | X | 13 | 100 | 920.31.42013L |
| ST 4,2 | X | 16 | 100 | 920.31.42016L |
| ST 4,2 | X | 19 | 100 | 920.31.42019L |
| ST 4,2 | X | 25 | 100 | 920.31.42025L |
| ST 4,2 | X | 32 | 100 | 920.31.42032L |
| ST 4,2 | X | 38 | 100 | 920.31.42038L |
| ST 4,8 | X | 13 | 100 | 920.31.48013L |
| ST 4,8 | X | 19 | 100 | 920.31.48019L |
| ST 4,8 | X | 25 | 100 | 920.31.48025L |
| ST 4,8 | X | 32 | 100 | 920.31.48032L |
| ST 4,8 | X | 38 | 100 | 920.31.48038L |
| ST 4,8 | X | 50 | 100 | 920.31.48050L |

## Embout six lobes pour vis inviolable - acier

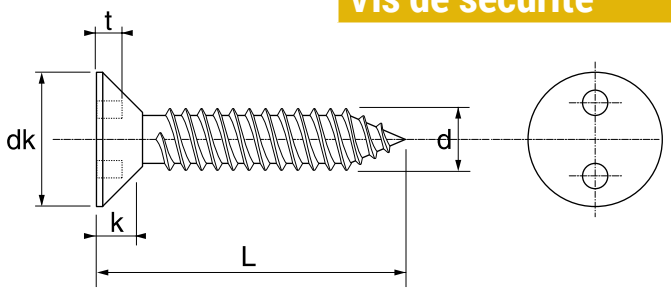


| Ref TSR | 6 lobes | L |
|---|---|---|
| 917.01.00 | 10 | 25 |
| 917.01.01 | 15 | 25 |
| 917.01.02 | 20 | 25 |
| 917.01.03 | 25 | 25 |
| 917.01.04 | 30 | 25 |
| 917.01.05 | 40 | 25 |
| 917.01.06 | 45 | 32 |

Vis de sécurité

# Art. 921

## Vis à tole antivol tête fraisée
## Empreinte deux trous (snake eyes)



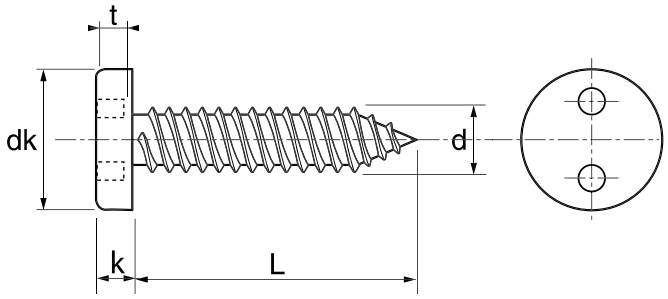

| Diam | 3,5 | 4,2 | 4,8 |
|---|---|---|---|
| dk | 6.6 | 7.9 | 9.0 |
| k | 2.4 | 2.8 | 3.15 |
| t | 1.2 | 1.55 | 1.6 |
| Snake eyes | 6 | 8 | 10 |

### INOX A2

| Diam | X | L | Cdt | Réf. TSR |
|---|---|---|---|---|
| ST 3,5 | X | 13 | 100 | 921.31.35013L |
| ST 3,5 | X | 16 | 100 | 921.31.35016L |
| ST 3,5 | X | 19 | 100 | 921.31.35019L |
| ST 3,5 | X | 25 | 100 | 921.31.35025L |
| ST 3,5 | X | 32 | 100 | 921.31.35032L |
| ST 3,5 | X | 38 | 100 | 921.31.35038L |
| ST 4,2 | X | 16 | 100 | 921.31.42016L |
| ST 4,2 | X | 19 | 100 | 921.31.42019L |
| ST 4,2 | X | 25 | 100 | 921.31.42025L |
| ST 4,2 | X | 32 | 100 | 921.31.42032L |
| ST 4,2 | X | 38 | 100 | 921.31.42038L |
| ST 4,8 | X | 19 | 100 | 921.31.48019L |
| ST 4,8 | X | 25 | 100 | 921.31.48025L |
| ST 4,8 | X | 32 | 100 | 921.31.48032L |
| ST 4,8 | X | 38 | 100 | 921.31.48038L |
| ST 4,8 | X | 50 | 100 | 921.31.48050L |

# Art. 922

## Vis à tole antivol tête cylindrique
## Empreinte deux trous (snake eyes)




| Diam | 3,5 | 4,2 | 4,8 |
|---|---|---|---|
| dk | 6.6 | 7.9 | 9.2 |
| k | 2.0 | 2.3 | 2.7 |
| t | 1.4 | 1.5 | 1.6 |
| Snake eyes | 6 | 8 | 10 |

### INOX A2

| Diam | X | L | Cdt | Réf. TSR |
|---|---|---|---|---|
| ST 3,5 | X | 16 | 100 | 922.31.35016L |
| ST 3,5 | X | 19 | 100 | 922.31.35019L |
| ST 3,5 | X | 25 | 100 | 922.31.35025L |
| ST 3,5 | X | 32 | 100 | 922.31.35032L |
| ST 3,5 | X | 38 | 100 | 922.31.35038L |
| ST 4,2 | X | 19 | 100 | 922.31.42019L |
| ST 4,2 | X | 25 | 100 | 922.31.42025L |
| ST 4,2 | X | 32 | 100 | 922.31.42032L |
| ST 4,2 | X | 38 | 100 | 922.31.42038L |
| ST 4,8 | X | 25 | 100 | 922.31.48025L |
| ST 4,8 | X | 32 | 100 | 922.31.48032L |
| ST 4,8 | X | 38 | 100 | 922.31.48038L |
| ST 4,8 | X | 50 | 100 | 922.31.48050L |

## Embout «snakes-eyes»pour vis inviolable - acier



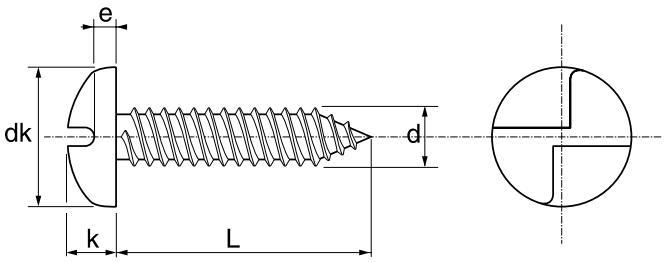
| Ref TSR | Snake-eyes | H | P | L |
|---|---|---|---|---|
| 914.01.00 | 4 | 3 | 1,5 | 25 |
| 914.01.01 | 6 | 4 | 2 | 25 |
| 914.01.02 | 8 | 5 | 2,5 | 25 |
| 914.01.03 | 10 | 6 | 3,5 | 25 |
| 914.01.04 | 14 | 8 | 4,5 | 25 |



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# Art. 923

## Vis à tole antivol tête cylindrique
## Empreinte ONE WAY




| Diam | 2,9 | 3,5 | 4,2 | 4,8 | 6,3 |
|---|---|---|---|---|---|
| dk | 5,3 | 6 | 7,7 | 8,7 | 11 |
| k | 2,2 | 2,5 | 3 | 3,3 | 4,7 |
| t | 1 | 1 | 1,1 | 1,7 | 2,3 |

### INOX A2

| Diam | X | L | Cdt | Réf. TSR |
|---|---|---|---|---|
| ST 2,9 | X | 9,5 | 100 | 923.31.29009L |
| ST 2,9 | X | 13 | 100 | 923.31.29013L |
| ST 2,9 | X | 19 | 100 | 923.31.29019L |
| ST 3,5 | X | 13 | 100 | 923.31.35013L |
| ST 3,5 | X | 19 | 100 | 923.31.35019L |
| ST 3,5 | X | 25 | 100 | 923.31.35025L |
| ST 3,5 | X | 32 | 100 | 923.31.35032L |
| ST 4,2 | X | 13 | 100 | 923.31.42013L |
| ST 4,2 | X | 19 | 100 | 923.31.42019L |
| ST 4,2 | X | 25 | 100 | 923.31.42025L |
| ST 4,2 | X | 32 | 100 | 923.31.42032L |
| ST 4,2 | X | 38 | 100 | 923.31.42038L |
| ST 4,8 | X | 13 | 100 | 923.31.48013L |
| ST 4,8 | X | 19 | 100 | 923.31.48019L |
| ST 4,8 | X | 25 | 100 | 923.31.48025L |
| ST 4,8 | X | 32 | 100 | 923.31.48032L |
| ST 4,8 | X | 38 | 100 | 923.31.48038L |
| ST 4,8 | X | 50 | 100 | 923.31.48050L |
| ST 6,3 | X | 32 | 100 | 923.31.63032L |
| ST 6,3 | X | 38 | 100 | 923.31.63038L |
| ST 6,3 | X | 50 | 100 | 923.31.63050L |
| ST 6,3 | X | 75 | 100 | 923.31.63075L |