

Single TC and TC M magazine nails for setting in steel and concrete with a head diameter of 9mm



| Product Code | | dimension | Min. Embedment depth in the ground [mm] | | | | Max. attached element thickness [mm] | | | |
|--------------|----------------|-----------|---|--------|--------|------|--------------------------------------|--------|--------|------|
| Single Nails | Magazine Nails | dxL [mm] | C16/20 | C20/25 | C25/30 | Stal | C16/20 | C20/25 | C25/30 | Stal |
| TC15 | TC15M | 3,7x15 | - | - | - | 4 | - | - | - | 5 |
| TC20 | TC20M | 3,7x20 | - | - | - | 4 | - | - | - | 10 |
| TC25 | TC25M | 3,7x25 | 22 | 22 | 22 | 4 | 3 | 3 | 3 | 15 |
| TC30 | TC30M | 3,7x30 | 22 | 22 | 22 | 4 | 8 | 8 | 8 | 20 |
| TC35 | TC35M | 3,7x35 | 22 | 22 | 22 | 4 | 13 | 13 | 13 | 25 |
| TC40 | TC40M | 3,7x40 | 22 | 22 | 22 | 4 | 18 | 18 | 18 | 30 |
| TC50 | TC50M | 3,7x50 | 22 | 22 | 22 | 4 | 28 | 28 | 28 | 30 |
| TC60 | TC60M | 3,7x60 | 22 | 22 | 22 | 4 | 38 | 38 | 38 | 50 |
| TC70 | - | 3,7x70 | 22 | 22 | 22 | 4 | 48 | 48 | 48 | 60 |
| TC80 | - | 3,7x80 | 22 | 22 | 22 | 4 | 58 | 58 | 58 | 70 |
| TC90 | - | 3,7x90 | 22 | 22 | 22 | 4 | 68 | 68 | 68 | 80 |

Use in the following tools: TRUTEK LV600M and SPIT P370

Strength parameters of TC single nails and TDM and TC M magazine nails

| Pin designation | TD; TDM; TC; TC M |
|---|-------------------|
| Recommended load capacity for pulling out the nail from the steel substrate [kN] | 2,0 |
| Recommended load-bearing capacity for pulling the nail out of the concrete substrate [kN] | 1,0 |
| Design load on nail shear in steel substrate and in concrete [kN] | 2,0 |
| Minimum center distance in steel in [mm] | 12 |
| Minimum inter-axle spacing in concrete C20 / 25w [mm] | 75 |
| Minimum distance from the edge in steel in [mm] | 25 |
| Minimum distance from the edge in concrete C20 / 25w [mm] | 75 |



Single nails - TD for embedding in steel and concrete

| Product Code | Diameter dxL [mm] | Min. Embedment depth in the ground [mm] | | | | Max. attached element thickness [mm] | | | |
|--------------|-------------------|---|--------|--------|------|--------------------------------------|--------|--------|------|
| | | C16/20 | C20/25 | C25/30 | Stal | C16/20 | C20/25 | C25/30 | Stal |
| TD16 | 3,7x16 | - | - | - | 4 | - | - | - | 6 |
| TD19 | 3,7x19 | - | - | - | 4 | - | - | - | 9 |
| TD22 | 3,7x22 | - | - | - | 4 | - | - | - | 12 |
| TD27 | 3,7x27 | 22 | 22 | 22 | 4 | 5 | 5 | 5 | 17 |
| TD32 | 3,7x32 | 22 | 22 | 22 | 4 | 10 | 10 | 10 | 22 |
| TD37 | 3,7x37 | 22 | 22 | 22 | 4 | 15 | 15 | 15 | 27 |
| TD42 | 3,7x42 | 22 | 22 | 22 | 4 | 20 | 20 | 20 | 32 |
| TD47 | 3,7x47 | 22 | 22 | 22 | 4 | 25 | 25 | 25 | 37 |
| TD52 | 3,7x52 | 22 | 22 | 22 | 4 | 30 | 30 | 30 | 42 |
| TD57 | 3,7x57 | 22 | 22 | 22 | 4 | 35 | 35 | 35 | 47 |
| TD62 | 3,7x62 | 22 | 22 | 22 | 4 | 40 | 40 | 40 | 52 |
| TD72 | 3,7x72 | 22 | 22 | 22 | 4 | 50 | 50 | 50 | 62 |
| TD82 | 3,7x82 | 22 | 22 | 22 | 4 | 60 | 60 | 60 | 72 |
| TD90 | 3,7x90 | 22 | 22 | 22 | 4 | 68 | 68 | 68 | 80 |
| TD97 | 3,7x97 | 22 | 22 | 22 | 4 | 75 | 75 | 75 | 87 |

Use in the following tools: TRUTEK LV300MA, LV500, LV350, LV600M and HILTI DX A40, DX A41, DX 351, DX 450, DX 460, DX5



TMWP nails with a metal washer Ø23mm

| Product Code | Diameter dxL [mm] | Min. Embedment depth in the ground [mm] | | | | Max. attached element thickness [mm] | | | |
|--------------|-------------------|---|--------|--------|-------|--------------------------------------|--------|--------|-------|
| | | C16/20 | C20/25 | C25/30 | Steel | C16/20 | C20/25 | C25/30 | Steel |
| TMWP27 | 3,7x27 | 22 | 22 | 22 | 4 | 5 | 5 | 5 | 17 |
| TMWP32 | 3,7x32 | 22 | 22 | 22 | 4 | 10 | 10 | 10 | 22 |
| TMWP47 | 3,7x47 | 22 | 22 | 22 | 4 | 25 | 25 | 25 | 37 |

Use in the following tools: TRUTEK LV300MA, LV500, LV350, LV600M and HILTI DX A40, DX A41, DX 351, DX 450, DX 460, DX5

Strength parameters of single TD nails

| Pin designation | TD |
|--|-----|
| Recommended load capacity for pulling out the nail from the Nzal steel substrate [kN] | 2,0 |
| Recommended load-bearing capacity for pulling the nail out of the Nzal concrete substrate [kN] | 1,0 |
| Design load on nail shear in steel substrate and in Vz concrete [kN] | 2,0 |
| Minimum center distance in steel in [mm] | 12 |
| Minimum inter-axle spacing in concrete C20 / 25w [mm] | 75 |
| Minimum distance from the edge in steel in [mm] | 25 |
| Minimum distance from the edge in concrete C20 / 25w [mm] | 75 |