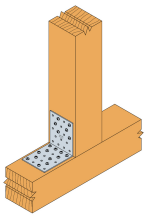
**Technical Sheet**

ANP
**Úhelník z děrovaného plechu (2,5 mm)**

*Tloušťka těchto plechů je 3 mm. Tyto úhelníky jsou vhodné k různým druhům spojení přechodu mezi dřevem. Např. pražce, připojení stojky atd.*







# Features

## Materiál

**Kvalita oceli:**
**S250GD+Z275 dle norem DIN EN10346**
**Ochrana proti korozi:**
**275 g/m pozinkováno z obou stran cca 20mm**

## Vorteile

- Optimální použití v mnoha oblastech. Počet otvorů umožnuje různé kombinace připojení, zatížení dle ETA.

# Applications

## Anwendbare Materialien

**Dřevo, výrobky ze dřeva**

## Anwendungsbereich

- Die ANP Winkelverbinder aus Lochblechen eignen sich für Kreuzanschlüsse, Auswechslungen und Balken-/Stützenanschlüsse.

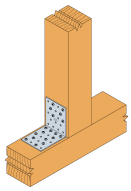
**Technical Sheet**

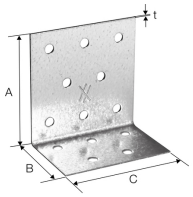
ANP

**Úhelník z děrovaného plechu (2,5 mm)**

# Technical Data

Rozměry a typické hodnoty





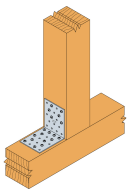

| Reference | konektor rozměry | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ostatní | | rozměry výrobku[mm] | | | | nosník[mm] | příruba B[mm] |
| | množství v krabici | hmotnost[kg] | A[mm] | B[mm] | C[mm] | tloušťka[mm] | kulatý Ø5[mm] | kulatý Ø5[mm] |
| ANP254440 * | 200.0 | 0.062 | 42.5 | 42.5 | 40 | 2.5 | 3 | 3 |
| ANP254460 * | 150.0 | 0.089 | 42.5 | 42.5 | 60 | 2.5 | 5 | 5 |
| ANP254660 | 150.0 | 0.11 | 42.5 | 62.5 | 60 | 2.5 | 7 | 5 |
| ANP256640 * | 100.0 | 0.09 | 62.5 | 62.5 | 40 | 2.5 | 5 | 5 |
| ANP256650 | 150.0 | 0.11 | 62.5 | 62.5 | 50 | 2.5 | 6 | 6 |
| ANP256660 | 100.0 | 0.14 | 62.5 | 62.5 | 60 | 2.5 | 8 | 8 |
| ANP256680 | 100.0 | 0.18 | 62.5 | 62.5 | 80 | 2.5 | 11 | 11 |
| ANP2566100 | 50.0 | 0.22 | 62.5 | 62.5 | 100 | 2.5 | 14 | 14 |
| ANP256860 * | 100.0 | 0.16 | 62.5 | 82.5 | 60 | 2.5 | 10 | 8 |
| ANP2561060 | 100.0 | 0.18 | 62.5 | 102.5 | 60 | 2.5 | 12 | 8 |
| ANP258860 | 100.0 | 0.18 | 82.5 | 82.5 | 60 | 2.5 | 10 | 10 |
| ANP258880 | 50.0 | 0.24 | 82.5 | 82.5 | 80 | 2.5 | 14 | 14 |
| ANP2588100 | 50.0 | 0.3 | 82.5 | 82.5 | 100 | 2.5 | 18 | 18 |
| ANP25101060 | 50.0 | 0.22 | 102.5 | 102.5 | 60 | 2.5 | 13 | 13 |
| ANP25101080 | 50.0 | 0.3 | 102.5 | 102.5 | 80 | 2.5 | 18 | 18 |
| ANP251010100 | 50.0 | 0.37 | 102.5 | 102.5 | 100 | 2.5 | 23 | 23 |
| ANP251020100 | 25.0 | 0.56 | 202.5 | 102.5 | 100 | 2.5 | 45 | 23 |

*) Derzeit ohne ETA/ohne CE Zeichen.

**Technical Sheet**

ANP

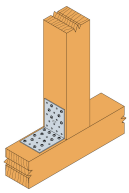
# Úhelník z děrovaného plechu (2,5 mm)



## Tragfähigkeiten Holz/Holz Anschluss - Vollausnagelung

| Reference | úhelník únosnost | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | výrobek capacities - dřevo to dřevo - Beam to beam - Full nailing | | | | | | | |
| | počet of Fasteners | | charakteristická únosnost - 2 angle brackets per connection - full nailing[kN] | | | | | |
| | nosník | příruba B | $R_{1,k}$ | | | $R_{2,k}=R_{3,k}$[kN] | | |
| | množství | množství | CNA4.0x40 | CNA4.0x50 | CNA4.0x60 | CNA4.0x40 | CNA4.0x50 | CNA4.0x60 |
| ANP254660 | 3 | 3 | 3.48 | 4.64 | 5.8 | 3.74 | 4.68 | 5.32 |
| ANP256650 | 2 | 2 | 2.82 | 3.4 | 3.96 | 2.88 | 3.58 | 3.96 |
| ANP256660 | 3 | 3 | 3.6 | 4.8 | 5.7 | 3.38 | 4.2 | 4.68 |
| ANP256680 | 4 | 4 | 5.12 | 6.28 | 7.42 | 6.02 | 7.5 | 8.42 |
| ANP2566100 | 5 | 5 | 5.9 | 7.84 | 9.26 | 7.96 | 9.94 | 11.06 |
| ANP2561060 | 6 | 5 | 3.94 | 5.26 | 6.58 | 5.74 | 7.1 | 7.7 |
| ANP258860 | 4 | 5 | 3.88 | 4.9 | 5.92 | 3.96 | 4.94 | 5.54 |
| ANP258880 | 6 | 6 | 5.34 | 6.6 | 7.26 | 7.28 | 8.98 | 9.9 |
| ANP2588100 | 7 | 8 | 6.44 | 8.14 | 9.74 | 9.2 | 11.46 | 12.7 |
| ANP25101060 | 6 | 5 | 3.88 | 4.96 | 6.04 | 5.86 | 7.22 | 7.88 |
| ANP25101080 | 8 | 8 | 5.46 | 6.5 | 7.16 | 7.76 | 9.64 | 10.6 |
| ANP251010100 | 10 | 8 | 6.48 | 8.3 | 9.64 | 11.02 | 13.64 | 15 |
| ANP251020100 | 16 | 10 | 7.18 | 9.56 | 11.96 | 13.14 | 16.14 | 17.52 |

Combined load:
\left(\frac{F_{1,d}} {R_{1,d}}\right)^2+\left(\frac{F_{2/3,d}} {R_{2/3,d}}\right)^2\le1



## Product capacities - Column to beam - Maximum nailing

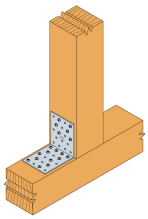
| Reference | úhelník únosnost | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | výrobek capacities - dřevo to dřevo - Partial nailing | | | | | | | |
| | počet of Fasteners | | charakteristická únosnost - 2 angle brackets per connection - full nailing[kN] | | | | | |
| | nosník | příruba B | $R_{1,k}$ | | | $R_{2,k}=R_{3,k}$ | | |
| | množství | množství | CNA4.0x40 | CNA4.0x50 | CNA4.0x60 | CNA4.0x40 | CNA4.0x50 | CNA4.0x60 |
| ANP2561060 | 4.0 | 5.0 | 3.94 | 5.26 | 6.58 | 3.08 | 3.78 | 4.1 |
| ANP258860 | 3.0 | 5.0 | 3.88 | 4.9 | 5.92 | 3.16 | 3.88 | 4.22 |
| ANP258880 | 4.0 | 6.0 | 5.34 | 6.6 | 7.26 | 5.14 | 6.42 | 7.02 |
| ANP2588100 | 5.0 | 8.0 | 6.44 | 8.14 | 9.74 | 7.26 | 8.9 | 9.66 |
| ANP25101060 | 5.0 | 5.0 | 3.88 | 4.96 | 6.04 | 4.9 | 6.06 | 6.68 |
| ANP25101080 | 6.0 | 6.0 | 5.46 | 6.5 | 7.16 | 5.96 | 7.38 | 8.16 |
| ANP251010100 | 8.0 | 8.0 | 6.48 | 8.3 | 9.64 | 9.56 | 11.8 | 12.96 |
| ANP251020100 | 13.0 | 10.0 | 7.18 | 9.56 | 11.96 | 11.2 | 13.74 | 14.92 |

ANP
**Úhelník z děrovaného plechu (2,5 mm)**

# Installation

## Befestigung

- Die Befestigung erfolgt mit CNA4,0x$\ell$ Kammnägeln oder CSA5,0x$\ell$ Schrauben.





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