

# Use this tool for severe processing conditions such as nibbling processing!

Tool with improved high-temperature durability.

## Heavy Duty Punch (HDP)



Please contact us for models and sizes other than Amada Long Type 1/2" and 1-1/4".

**The coating is not easily peeled off even by the heat generated by continuous striking of high tensile steel plate such as stainless steel!**

### =Features=

Unique surface treatment reduces coating peeling!



The state of the cutting edge after 1.8 million hits at Company B shown below.

### Customer's voice

Especially high value for stainless and mild steel plate (T=2.0 or less) !

SUS T=1.0 grid pattern by F2  
 No problem with 64,000 hits.  
 It still usable.

Company A

● Industry : Kitchen equipment

SPCC T = 1.0 hit 1.8 million hits in punching metal processing, but still usable!

Company B

● Industry : Punching metal

SPCC T=1.2~3.2 SUS1.5~2.0 outer nibbling process.

The coating peeled off after 200,000 hits, but more than three times as long as another standard TiCN coating.

Company C

● Industry : Cabinet, Cover

\* The number of hits above is the value when using air blow.

### Surface treatment (Feature)

| Total performance                         | Punch type                  | Appropriate Material |            |          |            |
|---|-----------------------------|----------------------|------------|----------|------------|
|   |                             | Stainless            | Mild steel | Aluminum | Galvanized |
| High Performance<br>↕<br>Cost Performance | Super Dry Punch (SDP)       | ★★★★★                | ★★★★★      | ★★★★     | ★★★★       |
|   | Heavy Duty Punch (HDP)      | ★★★★★                | ★★★★★      | ★★★★★    | ★★★★★      |
|   | Conic Long Life Punch (CLP) | ★★★★                 | ★★★★       | ★★★★★    | ★★★★★      |
|   | Conic Hard Punch (CHP)      | ★★★                  | ★★★★       | ★★★★     | ★★★★       |
|   | M2...No surface treatment   | ★★                   | ★★★        | ★★★★     | ★★★★       |
|   | D2...No surface treatment   | ★                    | ★          | ★★       | ★          |

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