

JAPAN TECHNOLOGY

We provide quick delivery, high quality and less price products to the customers.



Strong Points of Conic Turret Punch Press Tools

High Quality & Technology For The Future

CONIC

Since 1976 / Japan

Material quality standard

1

We use the best quality high speed steel materials

CONIC uses carefully selected high speed steel for punch.

This material compared to D2, it is a material excellent in abrasion resistance, impact resistance and toughness. It is suitable materials such as stainless steel and a large amount production.

And we have own heat treatment furnace. It makes stronger tools and keeps same hardness quality.



2

Even D2 steel (SKD-11) is different from standard

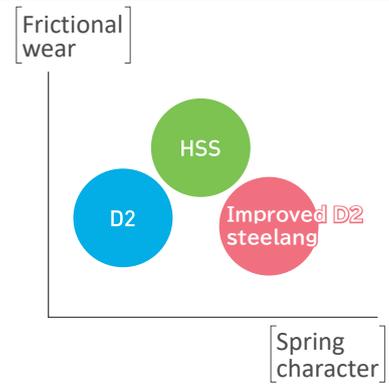
a

CONIC uses improved D2 steel for die.

This material has twice of spring character and hardness is higher than general D2 steel. (HRC 58 to 60)

Also more better anti-chipping and crack than standard D2 steel.

This improved D2 steel has good performance for wire EDM because material does not have residual stress in the material.

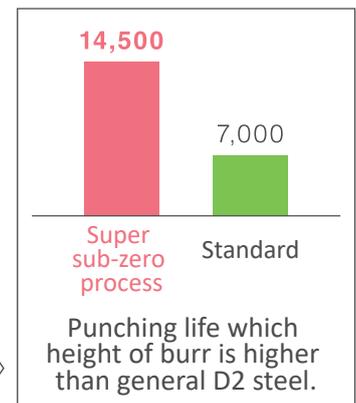


b

CONIC uses super sub-zero heat treatment process on D2 steel for standard punch.

Material is put into -130 centigrade degree just after heat treatment. This process gives material structure fine and better for stability and hardness.

Normally sub-zero process is done only for precision equipment or gages.



Punching test

Silicon steel plate

0.35mm thickness

Punch material
D2 steel (SKD-11)

3

Quality management

ISO 9001

We are qualified international quality management system ISO 9001. It has been recognized as very reliable company, both on the international and domestic market.

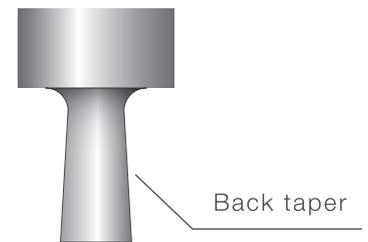
We are adopting our original high precision inspection system for our quality management system.



Tool quality standard

1 Back taper on side of the punch

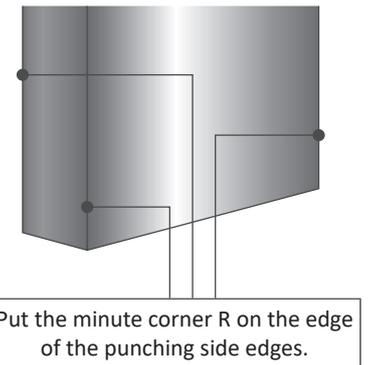
This specification makes better performance for less touching area on the side face of punch body and less sticking material on the side face.



2 Minute Corner R on the punching side edges

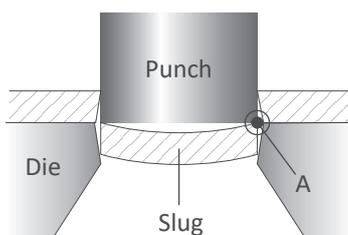
CONIC put the minute corner R on the edge of the punching side edges because this corner is the weakest point of shaped tools.

After put small R on the corner tool life is much longer and prevent the unusual wear of the punch body.



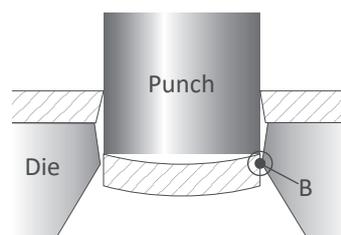
3 Conic tool is using slug catcher shape for die as standard specification

This specification is effective in preventing slug pulling.



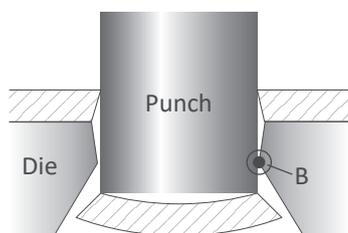
1

Material is cut off at "A" part.



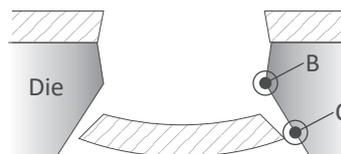
2

The Slug is compressed in the process of punching at "B" part.



3

After slug moved lower than "B" part, scrap is released to the scrap box.



4

"B" part is narrower than "C" part, so the slug cannot come up.

Price example (JPY)

Maker	Standard price	Additional charge	Total
CONIC	¥ 5,000	¥ 0	¥ 5,000
Company A	¥ 10,000	¥ 3,000	¥ 13,000

Technology of forming tools

1 CONIC special tools

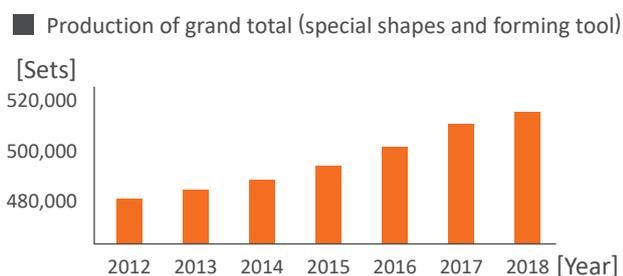
The widest variety of special forming and special shape tools in advanced technology.

We offer the best performance special tools to the customer. Our engineers always try to find the best solution of productive tools for the customer which uses the most advanced tooling technologies. Please contact our knowledgeable tool sales desk staff for more information.



Special tool specialist

CONIC makes a lot of special tools. Our sales result of special tools are proof of quality and customer satisfaction.

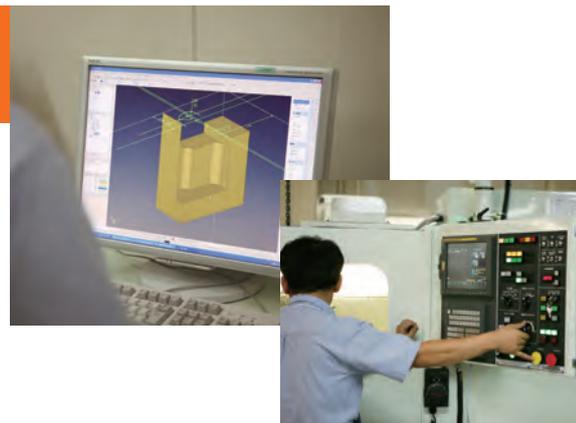


We keep drawing of special tools, so it's easy to order repeatedly.

Correspondence ability

1 CONIC Okayama factory

Since 1976 in the market, CONIC is leading the independent manufacturing company of the punch press tools in the sheet metal market. Okayama factory is the core of such production center. The most advanced technology machine and computer system are used in the production area in order to supply customer's requirement in most innovative ways. Our customers always rely on our response and engineering performance. CONIC is largest independent punch press tool supplier in Japan.



2 Technical center

Product development

We have technical center in our factory. We continuously develop new tool and innovative processing technologies by using the latest technology punch press machine.



3 Our professional advisor

Professional response to the customer

Not only function of taking the order, CONIC sales desk staffs respond questions, requests, and consultations from customer by using telephone, email, FAX in professional manners.



4 Internet service

Technical information on our website

We uses such important information for development of new tools and working technologies. Tool sales desk also supply CONIC's website as the technical support and engineering guide.



Website : https://www.conic.co.jp/en/tech/punching_tools.html



Internet tool order & quote system "Tooling Express"

This is very convenience easy order and quote system and that can be used in anytime you like as well as you can inspect the record of previous order with the high secure system used by ID number and password. We are making expansion of the service area (present circumstance is Japanese market only).

Website: https://www.conic.co.jp/express_en/e_order.html



PRODUCT CATALOG

CONIC HIGH PERFORMANCE TOOLING

LINE UP

- AMADA TYPE [THICK TURRET] TOOLING
- AMADA TYPE [THIN TURRET] TOOLING
- AMADA TYPE [SET PRESS] TOOLING
- TRUMPF TYPE TOOLING
- MURATA TYPE TOOLING
- KOMATSU TYPE TOOLING

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High Quality & Technology For  The Future

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Dealer