

UNION TOOL

丸挤压模

Roll Dies

(インフィード・スルーフィード)
In-Feed・Through-Feed

螺旋齿条

Involute Spline

螺旋锯齿

Involute Serration

螺旋齿轮

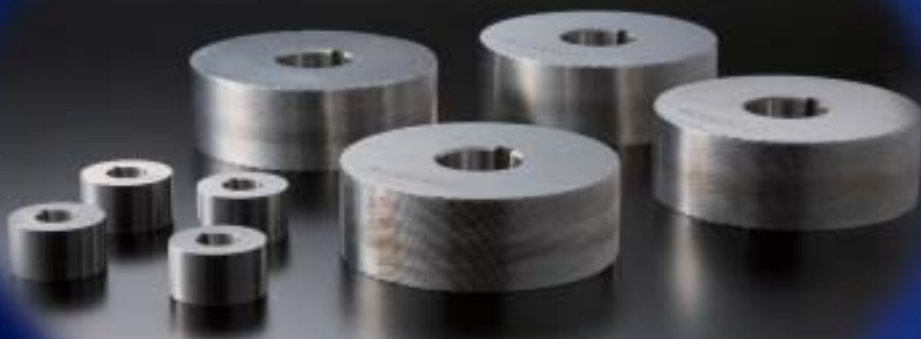
Worm

模锻

Forming

导螺杆

Lead Screw



高精度、长寿命

High Precision / Longer Life

《 特 征 》 Feature

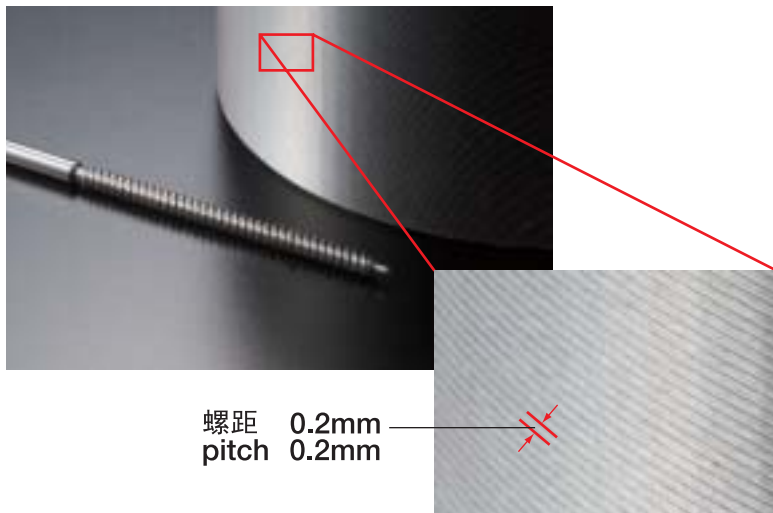
- 由运用研削技术制作的 Dies 来实现稳定的高精度转造
Superior grinding technology offers stable, high precision forming quality.
- 由有镜面般的面粗度、优质的 Dies 形状来实现长寿命
Near mirror surface finish and superior Dies design yield longer tool life.
- 提高 Dies 组装的位置精度，孔径及卡槽精度
Accurate inside-diameter and precision key-way enhance the Dies positioning



UNION TOOL CO.



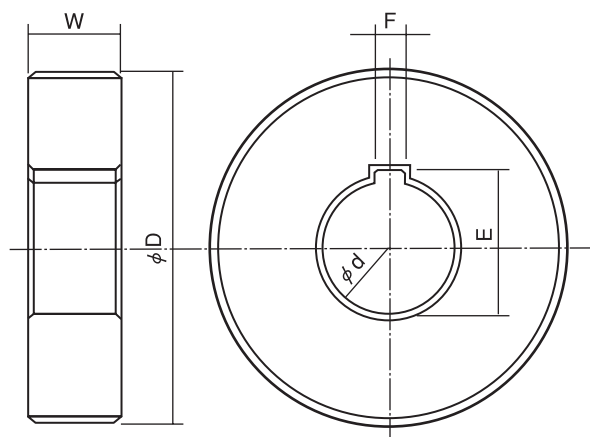
ISO 14001
JQA-EM0765



丸 Dies 的仕样 Specification of Roll Dies

以下 Dies 尺寸为例。特殊的尺寸也能对应，请和我司商谈

The following Dies size is an example. Custom designed Dies are available to order.



【仕样】Specification

(单位: mm)

外径(D) major diameter	孔径(d) hole Diameter	宽(W) Width	卡槽宽度(F) Width of key way	卡槽深度(E) depth of key way
80~120	40	50MAX	6	43.5
120~220	54	100MAX	12	59

※上述仕样以外的尺寸，请咨询我司

Please ask our sales representative about additional specifications or special requests.

UNION TOOL 的转造技术支持量产

Our Form rolling technology supports high quality mass production.

「赶上精湛的临摹精度」

Pursuing superior accuracy of the form transfer.

独自设计的 Dies 实现极限缩短两端的不完全部及材料的高精度的临摹

Our original design fully maximises the forming area on the circumference of the Dies, which produces very high-grade forming.

抑制延伸，实现良好的隆起性

By holding the elongation, superior forming is maintained.

调节螺距的设计

Designed for the most demanding applications and controls.

【备考】Note

- 在精密的转造加工上，素材的材质也会影响转造的精度及 Dies 的寿命
Work material may affect precision and life of the Dies.
- Dies 的再研磨是将 Dies 原有的齿磨掉，重新研削新齿
When regrounding the Dies, all tooth depth is removed and newly ground.

由于仕样不同，再研磨的次数也不一样，请咨询我司再研磨后的寿命和新品比较，多少都有减少的倾向。

The number of regrinds can vary depending on the Dies specifications. The life of the Dies after grinding tends to be reduced compared to new dies.



UNION TOOL CO.
<http://www.uniontool.co.jp>

U.S. UNION TOOL, INC.

UNION TOOL EUROPE S.A.

TAIWAN UNION TOOL CORP.

UNION TOOL (WAIGAOQIAO SHANGHAI) CO., LTD.

DONGGUAN UNION TOOL LTD.

UNION TOOL HONG KONG LTD.

UNION TOOL SINGAPORE PTE LTD.