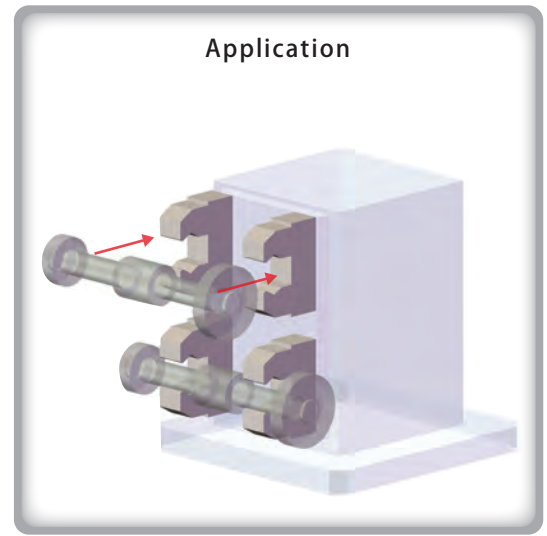
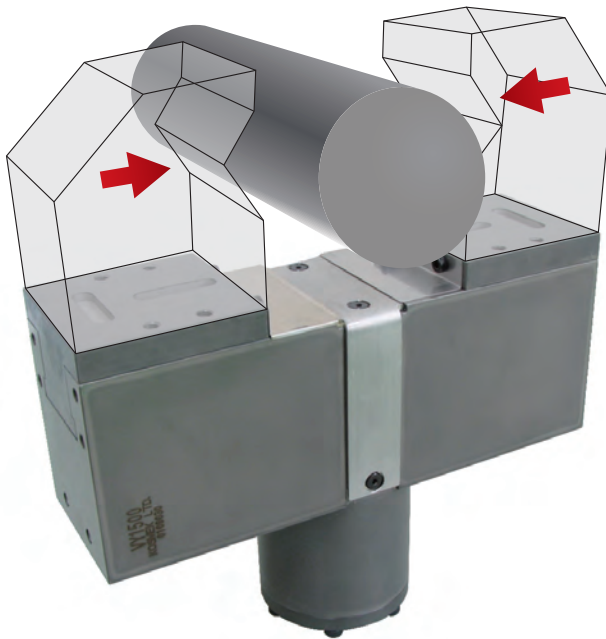


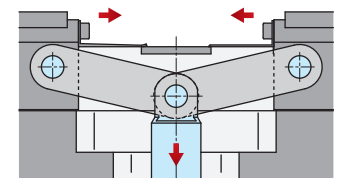
Large amount of stroke and strong clamping force clamps cylindrical workpieces!

## Hydraulic centering vise (Long stroke type)



- **Easy loading/unloading cylindrical workpiece by large stroke.**

Link-slide mechanism makes the amount of slide stroke larger.  
It leads to make loading/unloading workpiece easier,  
and it is appropriate for automatic transfer.



Link type slide structure

- **Metal cover prevents a foreign substance invasion inside.**

The metallic body covering the moving part, ensures internal structure protection leading to long life.

- **Easy installation surface machining of clamp jaw.**

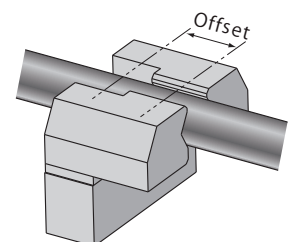
The mount of the clamp jaw can be produced by general-purpose facilities since processing only key groove and bolt hole.  
The complicated serration processing is unnecessary.

- **Workpiece is clamped by big gripping force.**

- **Possibility for offset.**

An offset of the workpiece is possible like the right figure.  
Be superior to approach characteristics of the drill tool and  
can cope for the interference evasion with loaders flexibly.

※ When using as offset, please tell us.

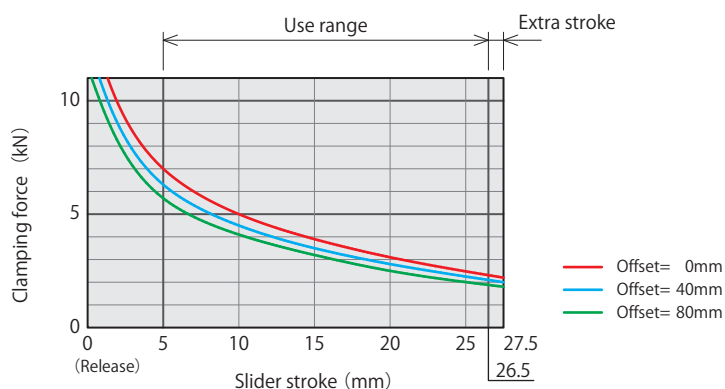


This is the part of an example made in the past.  
When you have it in mind that the specification, measurement is except for our range, let our sales representative know.

## ● Specifications

Model No.		VY1500
Slider stroke (one side)	mm	27 <sup>+0.5</sup>
Cylinder area	Lock side	cm <sup>2</sup> 15.83
	Release side	cm <sup>2</sup> 19.63
Cylinder capacity	Lock side	cm <sup>3</sup> 57.1
	Release side	cm <sup>3</sup> 70.9
Operating hydraulic pressure	Max.operating pressure	MPa 6.0
	Min.operating pressure	MPa 1.0
	Withstanding pressure	MPa 9.0
Repeat accuracy	mm	±0.1
Operating temperature	°C	0 ~ 70
Useable fluid	General hydraulic oil equivalent to ISO-VG-32	

## ● Performance curve (Operating hydraulic pressure : At 6MPa)



### Note

1. This graph shows calculation predicted value.
2. Offset shows the distance between the center of clamp and to Z-axis direction.
3. Offset of this product is up to 80 mm.

## ● External dimensions

※ This drawing is the reference. Detail measurement is not on this drawing.

