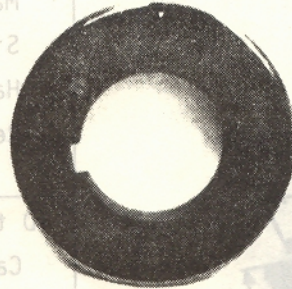
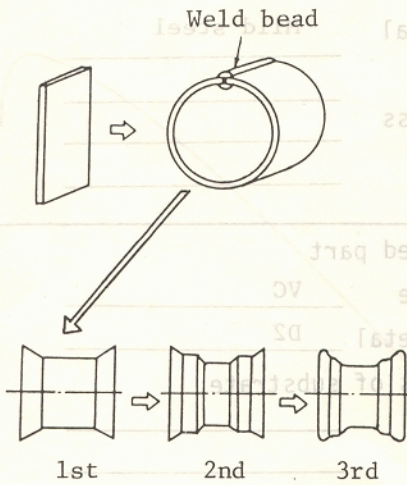


# APPLICATION DATA

Name of part Roll forming (3rd stage)	Source S. Uesugi et al Puresu Gijutsu Vol 23, No. 8 (1985) p. 55
Mode of servicing Sheet metal stamping	Mode of servicing Sheet metal stamping



Bottom roller

Work material

Material High strength steel

Size φB 60 kgf/mm<sup>2</sup>

Hardness \_\_\_\_\_

Remark \_\_\_\_\_

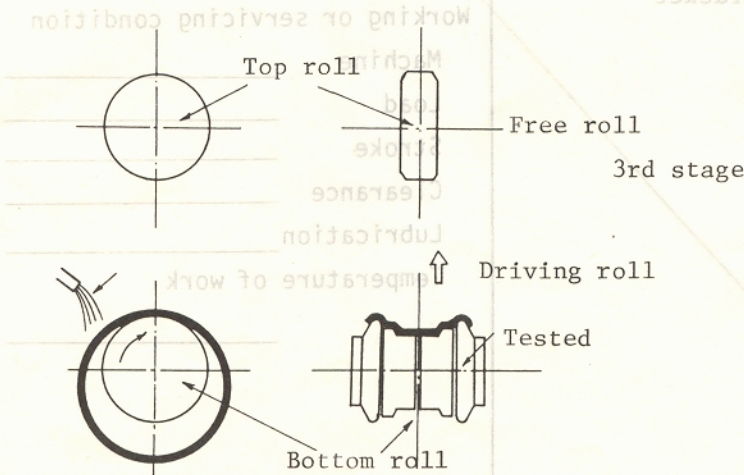
TD treated part

Carbide VC

Base metal D2

Harness of substrate \_\_\_\_\_

Remark 10 μm thick



Working or servicing condition

Machine Rolling machine

Load \_\_\_\_\_

Stroke \_\_\_\_\_

Clearance \_\_\_\_\_

Lubrication Water Soluble

Velocity 250 rpm

Result

Base metal, treatment and hardness of the part to be compared  
D2 Chromium plated 20 ~ 30 μm thick

Life and other evidences

TD part	50,000 ~ 150,000 shots/life
The part to be compared	300 ~ 10,000 shots/life

Profit obtained through application of TD Process

Increase in life

