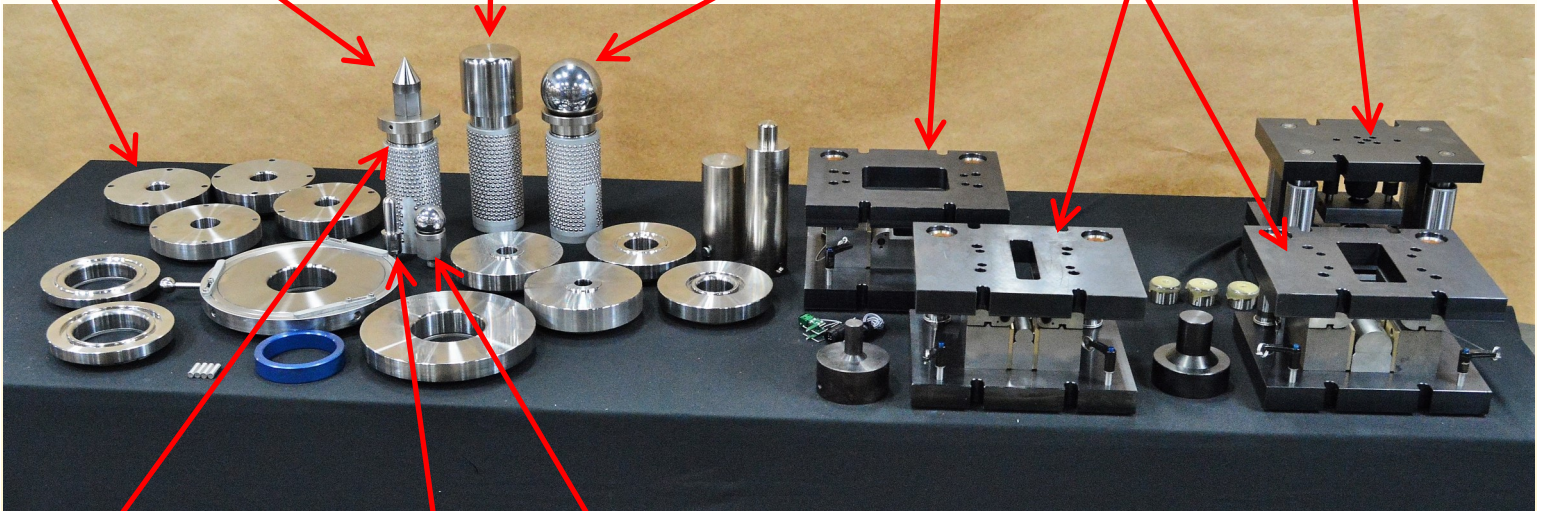


# Servo Press Standard Tooling

## ROOM TEMPERATURE TOOLING

LDH, LDR, MARCINIAK, HOLE EXPANSION RING SETS    OSU FRICTION TOOL    HOLE EXPANSION BLANKING TOOL  
 HOLE EXPANSION TIP    MARCINIAK PUNCH    LDH 4" PUNCH    OSU FORMING TOOLS



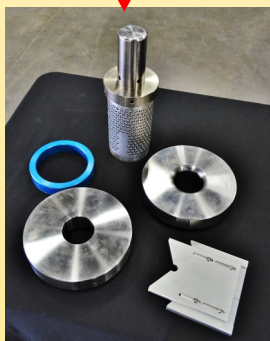
UNIVERSAL PUNCH    ERICHSEN TIP    LDH 2" TIP

UNIVERSAL DIE SET

SWIFT PUNCH & RINGS

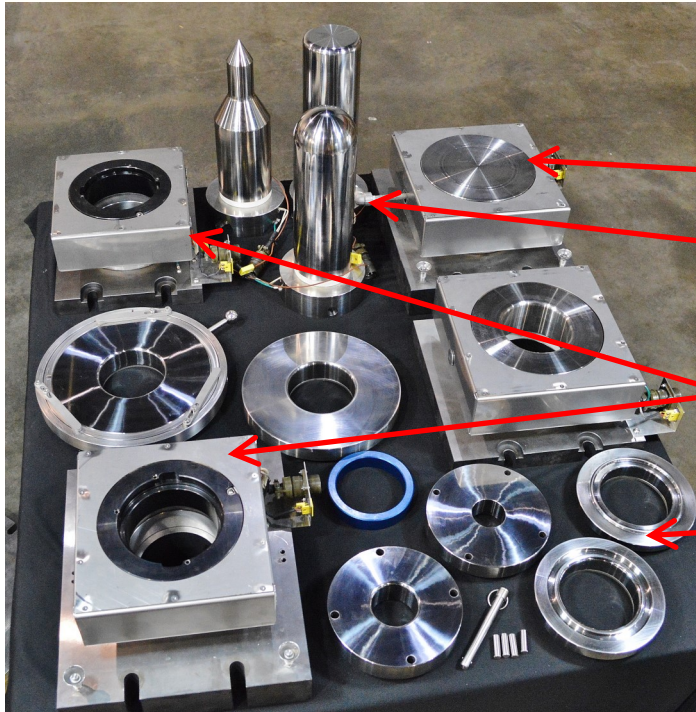
STRETCH DOME TOOLING

FLUID BULGE



# Servo Press Standard Tooling

## 350 °C HEATED TOOLING



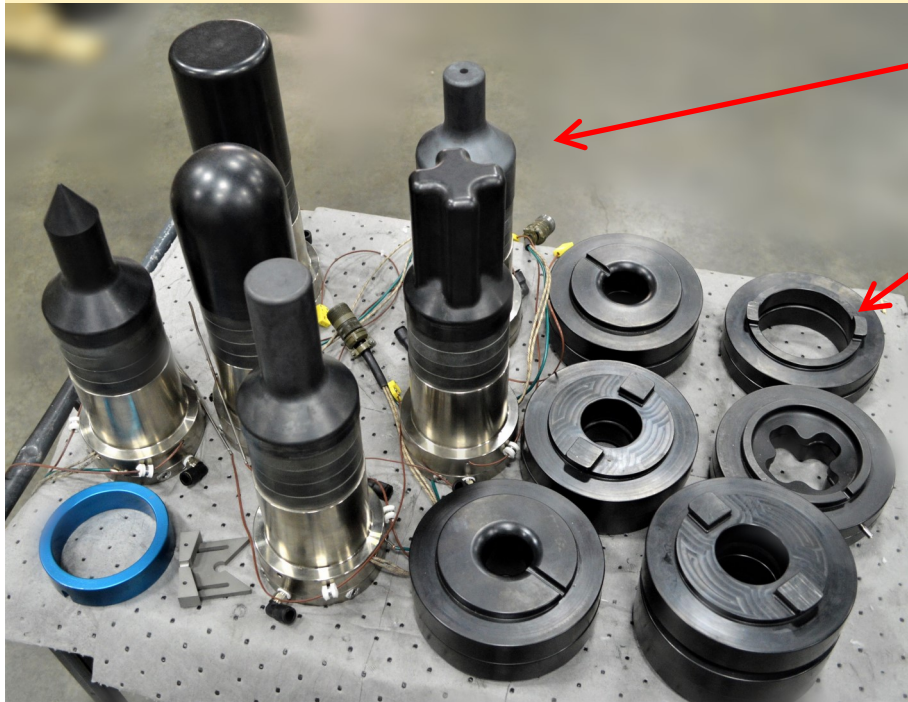
HEATED BULGE

HEATED PUNCHES

HEATED UNIVERSAL DIE SET

CLAMPING RING SETS

## 600 °C HEATED TOOLING



HEATED PUNCHES - HOLE EXPANSION,  
MARCINIAK, LDH 4", SWIFT, CROSS

CLAMPING RING SETS

(Additional Custom Tooling Available)



# Standard Tooling available by System



## TOOLING

## SP75

## SP150

## SP150 Cmp.

## SP225

## SP225 Cmp.

## SP400

## SP600

Universal Die Set	Reduced size	√	N/A	√	N/A	√	√
Universal Punch Assy.	Reduced size	√	√	√	√	√	√
LDH 2" Punch Tip	√	√	√	√	√	√	√
Hole Expansion Punch Tip	√	√	√	√	√	√	√
LDH 4" Punch	Reduced size	√	√	√	√	√	√
Swift Punch-square	√	√	√	√	√	√	√
Swift Punch-round	√	√	√	√	√	√	√
Marciniak Cup Punch	Reduced size	√	√	√	√	√	√
Erichsen Punch Tip	√	√	√	√	√	√	√
LDH 2" Drawbead Ring Set	√	√	√	√	√	√	√
LDH 4" Drawbead Ring Set	√	√	√	√	√	√	√
LDR Ring Set	√	√	√	√	√	√	√
Swift Ring Set	√	√	√	√	√	√	√
Hole Expansion Ring Set	√	√	√	√	√	√	√
Stretch Dome Punch	√	√	N/A	√	√	√	√
Stretch Dome Ring Set	√	√	N/A	√	√	√	√
Water /Viscous Fluid Bulge	N/A	√	Viscous only	√	Viscous only	√	N/A
Gas Bulge	√	√	N/A	√	N/A	√	√
OSU Forming 100 Tool	√	√	N/A	√	N/A	√	√
OSU Forming 50 Tool	√	√	N/A	√	N/A	√	√
OSU Friction Tool	√	√	N/A	√	N/A	√	√
Hole Expansion Blanking Tool	√	√	Reduced size	√	Reduced size	√	√
Universal Die Set-Heated	Reduced size	√	N/A	√	N/A	√	√
Heated Punches	Reduced size	√	N/A	√	N/A	√	√