

PRESS BRAKE TOOLING DAILY MAINTENANCE CHECKLIST

Printable operator checklist for precision press brake punches, dies, holders and clamps. Machine: _____ Date: _____ Shift: _____
Operator: _____

1. BEFORE SHIFT

Do ne	Inspection Item	Notes
■	Clean punch tips, die shoulders and V openings. Remove dust, oil and metal particles.	
■	Check punch tips and die shoulders for dents, chips, cracks, deformation or unusual wear.	
■	Clean punch tangs, die bases, holders and locating surfaces before installation.	
■	Check segmented tools for damaged joints and confirm all sections seat correctly.	
■	Confirm upper and lower clamps operate normally and tooling is fully seated and retained.	
■	Check hydraulic or pneumatic clamps for visible leaks, delayed movement or uneven clamping.	

2. AFTER SHIFT

Do ne	Inspection Item	Notes
■	Remove chips, scale and metal particles from punches, dies, holders and clamp contact areas.	
■	Wipe tooling dry. Do not store tooling with moisture, coolant or heavy contamination.	
■	Apply suitable corrosion protection when required by your tooling maintenance procedure.	
■	Separate damaged or questionable tooling and mark it clearly before returning tools to storage.	
■	Return tooling to the designated cabinet or rack. Protect precision edges and locating surfaces.	
■	Record abnormal wear, damage, leakage or bending changes for the next shift.	

3. WEEKLY INSPECTION

Do ne	Inspection Item	Notes
■	Inspect punch radii, die shoulders and V openings more closely for progressive wear.	
■	Inspect holders, locating surfaces and segmented-tool joints for damage or contamination.	
■	Check accessible clamp and holder fasteners for visible looseness or abnormal movement.	
■	Inspect hydraulic or pneumatic hoses, fittings and connections for leakage or damage.	
■	Compare frequently used tooling sections and isolate any section producing different results.	

4. TORQUE CHECK

Component / Fastener	Specified Torque	Actual	Checked
Upper clamp fastener	_____ N·m	_____ N·m	■
Lower holder fastener	_____ N·m	_____ N·m	■
Other: _____	_____ N·m	_____ N·m	■

Important: Use a calibrated torque wrench and the exact value specified by the machine, clamp or component manufacturer. Do not apply one universal torque value to all press brake clamps.

5. MAINTENANCE RECORD

Time	Tool / Clamp ID	Problem Found	Corrective Action	Initials

STOP AND REPORT: cracks, severe deformation, damaged retention features, serious interface damage, abnormal clamp movement, leakage, or tooling that cannot seat correctly. Do not hide tooling problems with CNC compensation.

Miharting Tooling | Precision Press Brake Tooling, Quick Clamps & Compatibility Support | For replacement tooling or clamp support, provide your machine model, tooling photos, dimensions and application details.