

Amada Press Brake Tooling Comparison Table

Amada Standard Press Brake Punches

Punch No.	Angle	Tip R (mm)	Height H (mm)	Max Ton/m	Description & Typical Application
No.4	88°	0.8	105	110	General-purpose acute punch, standard air bending
No.452	88°	0.8	140	80	Gooseneck punch, deep box bending, avoid workpiece collision
No.453	88°	0.8	175	65	Extra-high gooseneck, deep-draw box parts
No.8	30°	0.4	105	100	Sharp-angle punch for small inside R, acute angle bending
No.215	30°	0.4	140	70	High acute gooseneck, sharp angle for deep profiles
No.103	88°	2.0	110	90	Hemming pre-bend punch, pre-fold before flattening
No.210	88°	2.0	145	75	High hemming gooseneck, hemming for deep components

No.200	88°	1.0	120	85	Frame punch, window frame & cabinet profile bending
No.5	88°	1.5	105	120	Heavy-duty general punch, thick sheet metal
No.7	45°	0.5	105	95	Medium acute angle, mixed-angle production

Note: Standard length: S=415 mm, L=835 mm. All tonnage values for reference only; follow machine & material specification.

Amada Standard 2-V Dies

Die No.	V-opening (mm)	V-Angle	Shoulder R (mm)	Height (mm)	Max Ton/m	Application
121	16	88°	2.0	70	55	Light-medium sheet, general air bend
122	22	88°	2.5	70	42	Multi-purpose 2V die for carbon steel
123	35	88°	3.0	70	28	Medium plate bending
124	50	88°	4.0	70	18	Thick plate production

125	65	88°	5.0	70	14	Heavy-gauge sheet metal
126	80	88°	6.0	70	10	Extra-thick carbon steel
127	100	88°	8.0	70	7	Heavy plate processing
311	16	88°	1.2	70	50	Low-mark die for stainless steel & aluminum
314	22	88°	1.5	70	38	Low-scratch 2V for decorative panels

Amada Quick-Change & 1-V Dies

Die No.	Type	V-opening (mm)	V-Angle	Height (mm)	Max Ton/m	Remarks
501	Quick-change 2V	16 /22	88°	75	52	Fast-swap system, HDS machine compatible
503	Quick-change 2V	35 /50	88°	75	24	High-efficiency batch production

506	Quick-change 2V	65 /80	88°	75	12	Heavy-gauge quick-change
320	1-V Die	12	88°	70	65	Single V for narrow-width bending
322	1-V Die	30	88°	70	32	Single V for special profile
340	1-V Die	50	88°	70	18	Heavy single-V die

Amada Press Brake Tooling Mounting Interface Reference

Mounting Type	Compatible Series	Feature	Compatible With
Type-A	Standard Amada	Traditional clamping, widely used	HFB, HF series press brake
Type-B	Euro-Style	European standard adapter	Mixed-brand retrofit
AFH	Amada Quick Clamp	Tool-less fast punch change	HDS, HD-NT machine
MT Modular	Modular tool system	Segment combination, flexible length	Amada modular press brake

Disclaimer All model numbers and parameters are for reference only. Actual performance depends on press brake model, material, sheet thickness and bending process. MIHARTING

provides fully AMADA-compatible press brake tooling. For custom tooling requirements please contact our engineering team.