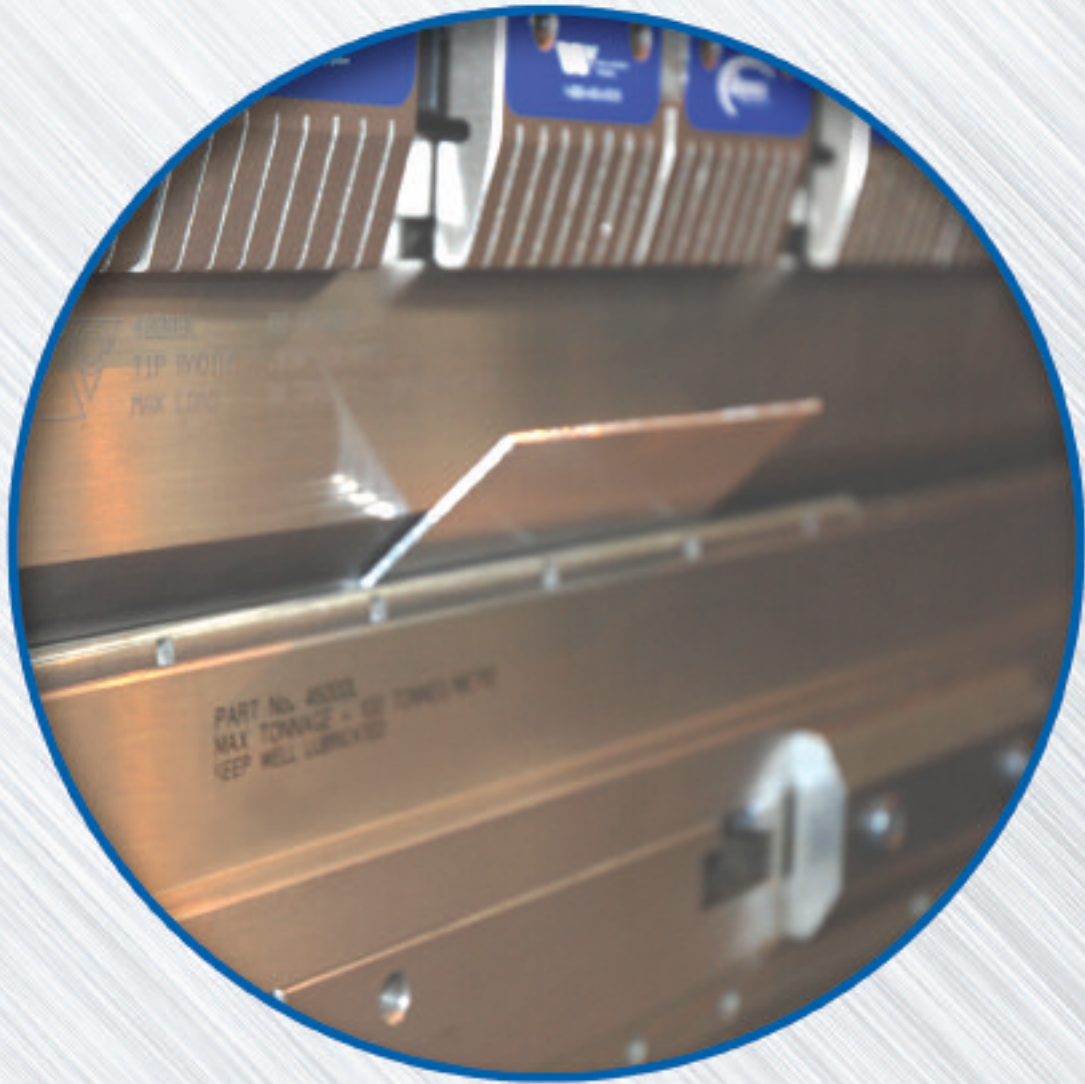


INTRODUCING ...  
**V-SERIES**



- REDUCES SHEET MARKING
- SMALL FLANGES AND SMALL BEND RADII POSSIBLE
- REDUCED FRICTION
- FLEXIBILITY
- CAN BEND CLOSE TO HOLES
- LARGE RAD BENDING

## SPECIFICATION

Type	Model 1	Model 2	Model 3	
Max. material thickness (mm)	1.5 (1.2)	3.0 (2.5)	6.0 (5.0)	
Max. outside radius (mm)	5.0	10.0	25.0	
Min. Bend Angle*	30°	65°	75°	
Equivalent 'V' size (mm)	8.0	15.0	38.0	
Allowable Tonnage (Ton/M)	100	150	350	
Min. Flange**	Material		Outside dimension (mm)	
	Thickness (mm)	Model 1	Model 2	Model 3
	1.0	4.7	-	-
	1.6	5.4	8.7	-
	2.0	5.6	9.8	-
	3.0	-	10.2	24.3
	4.0	-	-	25.5
6.0	-	-	26.5	
Tool Length (mm)	Amada / Euro Style	417.5 & 835		
	Wila / Trumpf / LVD Style	500 & 1000		

\* Min bend angle may vary depending upon punch tip radius and material thickness.

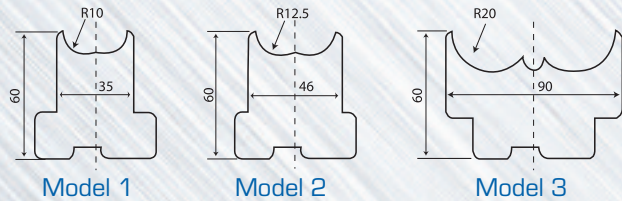
Smaller angles are possible subject to condition (please contact our Sales Desk).

\*\* These dimensions apply to bending Mild Steel and Aluminium. With Stainless Steel these dimensions may increase slightly.

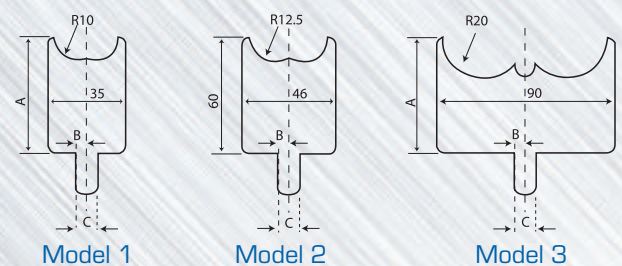
Material thickness in brackets [1.2] indicates stainless steel.

## TOOL PROFILE

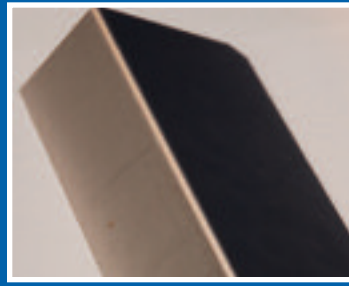
### Amada/Euro Style



Wila / Trumpf / LVD Style	A (mm)	B (mm)	C (mm)
13mm Centre Tang	55	6.5	13
13mm Centre Tang	100	6.5	13
offset Tang LVD Style	90	7.0	12

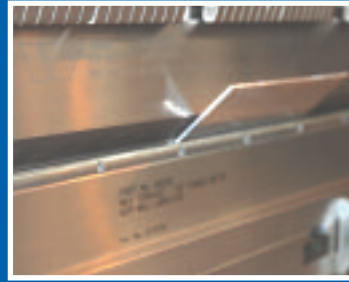


## THE BENEFITS ARE EASY TO SEE



### Reduces sheet marking

Because there is no movement between the sheet and the die blades, there is a reduction in sheet marking. This gives an improved quality finish without secondary operations.



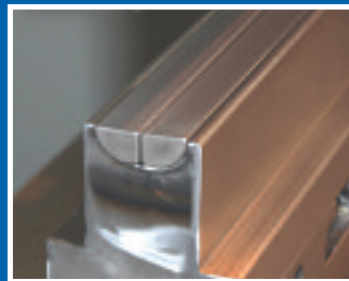
### Flexibility

With the V-Series die you can bend a range of materials with the same die so the set-up time is reduced and you no longer need to maintain such a large inventory.



### Reduced friction

One of the biggest problems when bending sheet metal is the friction between the die and the sheet. With the V-Series the blades rotate with the sheet so there is no lateral movement between the sheet and the die. Just keep the blades lubricated and you will have trouble-free bending.



### Choice of blades

There is a choice of metal or composite blades to give the best result. For long life choose metal, and for minimal marking choose composite. They can be used in the same die base for flexibility.

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