

Reduction of Set-Up Effort due to simplified Adjustment of the Bending Speed

Situation:

When bending long wire and tube parts, the work pieces frequently vibrate heavily due to the bending process. Often, the required quality can only be achieved by slowing down and adjusting individual process steps manually. This process is error-prone and increases costs due to a higher time and material consumption

Your benefits:

- Reduction of set-up time due to faster adjustments of the bending speeds
- Less rejects during the set-up of parts
- Support of the operator through simplified set-up

Solution:

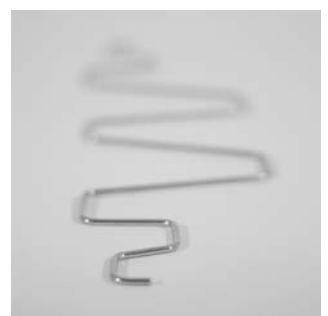
iQbend simplifies the adjustment of the bending speeds. Instead of the manual optimization of all bending speeds, just two values (bending and plane) needs to get adapted or the whole geometry program. All bending speeds are intelligently adapted to these settings. Thus the set-up time and the rejects are reduced.

Available machine types:

- B machines
- BM machines
- BMU machines
- BMS machines
- BT machines
- BMZ machines
- RBV machines
- BL machines
- Compatible machine sizes on request

Value	Prc	Bsq	v1	a1
50	1 Bending	3		100
77.1	4 Advance fee	1		
-90	5 Turning	1		
40	1 Bending	3		56.7
160.9	4 Advance fee	1		100
0	None			
-32.5	1 Bending	3		9.7
123.8	4 Advance fee	1		100
90	5 Turning	1		32
65.7			100	4.8

Manual set-up of the bending speed and the acceleration are omitted



iQbend®

Activate

Bending [%]

Plane [%]

Simplified adjustment with *iQbend*



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