

TECHNICAL DATA SHEET: HIGH VACUUM BENDS, 90° & 45°

Ø mm	Center Radius 90° mm	Center Radius 45° mm	Galvanised Steel			304 Stainless Steel			316L Stainless Steel		
			Bend, 90° Weight kg	Bend, 45° Weight kg	Steel Thickness mm	Bend, 90° Weight kg	Bend, 45° Weight kg	Steel Thickness mm	Bend, 90° Weight kg	Bend, 45° Weight kg	Thickness mm
50	85	85	0,6	0,5	1,5	0,3	0,2	1,5	0,3	0,2	1,2
63	87	100	0,5	0,3	1,5	0,5	0,3	1,5	0,5	0,3	1,6
76	159	120	1,3	0,8	1,5	1,0	0,7	1,5	1,0	0,7	1,6
102	186	200	2,0	1,3	2,0	2,0	1,2	2,0	2,0	1,2	2,0
127	165	170	2,0	2,1	2,0	2,1	1,4	2,0	N/A	N/A	N/A
129	170	170	N/A	N/A	N/A	N/A	N/A	N/A	2,2	1,5	2,0
152	274	225	3,2	4,9	2,0	N/A	N/A	N/A	N/A	N/A	N/A
154	225	225	N/A	N/A	N/A	N/A	N/A	N/A	2,1	2,1	2,0
203	274	300	4,7	2,4	2,0	N/A	N/A	N/A	N/A	N/A	N/A



High Vacuum Bend

Additional Notes

At temperatures ranging between 200° C and 250° C, the zinc-iron alloy layers in galvanised steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is +80°C.

RA-certified finishing and EL-polishing certificate for pharmaceutical industry is available as option.

Compliance / Rating of Product Components

Product	Material	Compliance / Rating
Bend	Galvanised	EN 10305 - 03 / DIN 2394 DIN 21151 NFA 49.645 BS 6323 ASTM A513/A787-5
Bend	304 / 316L Stainless Steel	SS-EN 10204 with 3.1 material certificate (must be requested upon placing order)

Temperature Rating of Product Components

	Bend	
200°C	Galvanised Steel	304 / 316L Stainless Steel
-20°C		

