

3 tube(s) 2657 mm 1.04 kg 2026-09-10

Mass estimate: setup density; unassigned tubes use steel density 7850 kg/m^3.

#	Size	OD x wall	Developed mm	Bends	Qty	kg each	Tubes
1	25x2	25 x 2	885.6	3	2	0.35	Routed tube - 25x2 - CLR50
2	25x2	25 x 2	885.6	3	1	0.35	Recognized STEP tube - reversed feed
TOTAL			2656.9		3	1.04	

Part identification and bender setups

#1 TP00001 / r1 | 25x2 aluminium - CLR50 / r1

#2 TP00002 / r1 | 25x2 aluminium - CLR50 / r1

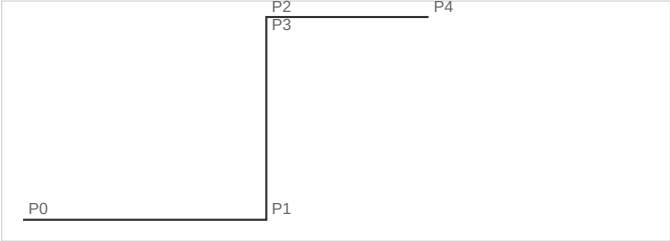
#1 25x2 25 x 2 CLR 50 mm qty 2

25x2 aluminium - CLR50 / r1

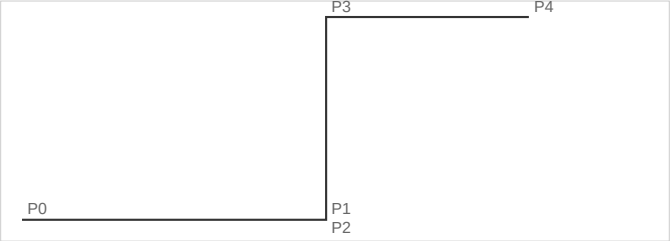
LRA (length - rotation - angle) CCW positive Zero at first bend die mark offset 12 mm

#	L (feed) mm	R (rotation) deg	A (angle) deg	Set deg	CLR	Arc	Mark mm
1	250.0	0.0	90.0	96.0	50.0	78.5	262.0
2	150.0	90.0	90.0	96.0	50.0	78.5	490.5
3	100.0	90.0	90.0	96.0	50.0	78.5	669.1
End 150.0							

Developed length 885.6 mm (straight 650.0 + arcs 235.6) mass 0.35 kg springback 5% + 1.5 deg



Machine frame XY



Machine frame XZ

P0 at origin, first straight along +X, first bend in the XY plane; XZ view shows the out-of-plane legs

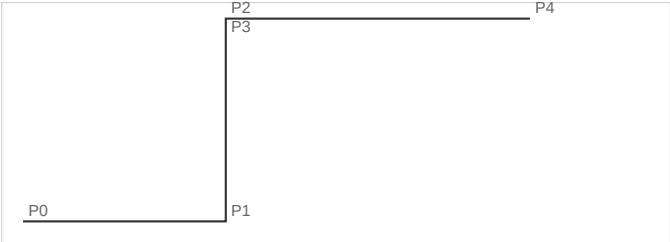
#2 25x2 25 x 2 CLR 50 mm qty 1

25x2 aluminium - CLR50 / r1

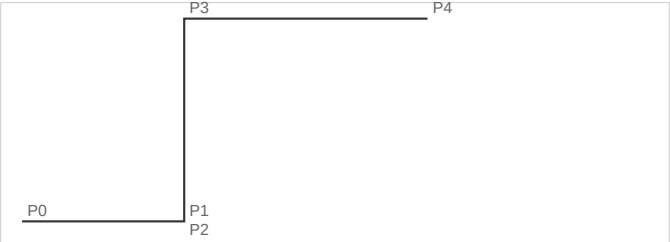
LRA (length - rotation - angle) CCW positive Zero at first bend die mark offset 12 mm

#	L (feed) mm	R (rotation) deg	A (angle) deg	Set deg	CLR	Arc	Mark mm
1	150.0	0.0	90.0	96.0	50.0	78.5	162.0
2	100.0	90.0	90.0	96.0	50.0	78.5	340.5
3	150.0	90.0	90.0	96.0	50.0	78.5	569.1
End 250.0							

Developed length 885.6 mm (straight 650.0 + arcs 235.6) mass 0.35 kg springback 5% + 1.5 deg



Machine frame XY



Machine frame XZ

P0 at origin, first straight along +X, first bend in the XY plane; XZ view shows the out-of-plane legs