

■ CONCENTRIC CLAMPING DEVICE FOR ELBOWS

ECM

For Protem US-Series Machines



DESCRIPTION :

The new generation of the elbow clamping device was designed to clamp the US-Series Machines onto any type of elbow. The main benefit of this technology is the possibility to machine elbows onsite precisely and fast.

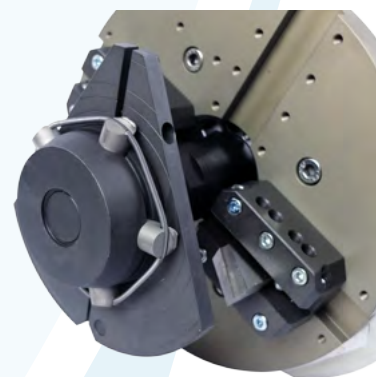
The most significant innovation of the clamping device is the set-up time. The jaws move all at the same time when clamping. It guarantees perfect positioning of the machine on the tube.

During the set-up, a triangular plate is set on the device to ensure flatness.

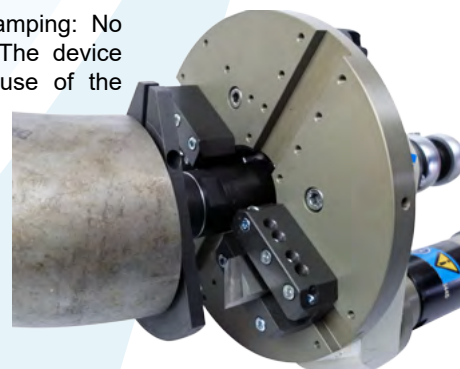
The device is extremely durable and provides highprecision machining.

3 STEP SET-UP :

Step 1 : Switching the standard mandrel to the elbow clamping device.



Step 2 : Machine clamping: No adjustments needed. The device is self-centering because of the concentric jaws.



Step 3 : Removing the triangular plate. the machine is now ready for machining.



US25-ECM

ORDER NO.	DESCRIPTION
US25-ECM-25	Elbow mandrel assembly for US25 (25 - 33.45 mm)
US25-ECM-32	Elbow mandrel assembly for US25 (32 - 45.91 mm)
US25-ECM-42	Elbow mandrel assembly for US25 (42 - 79.37 mm)

US30CH-ECM

ORDER NO.	DESCRIPTION
US30CH-ECM-32	Elbow mandrel assembly for US30CH (32 - 45.91 mm)
US30CH-ECM-42	Elbow mandrel assembly for US30CH (42 - 67.4 mm)
US30CH-ECM-76	Elbow mandrel assembly for US30CH (76.71 - 121.31 mm)

US40-ECM

ORDER NO.	DESCRIPTION
US40-ECM-42	Elbow mandrel assembly for US40 (42 - 79.37 mm)
US40-ECM-76	Elbow mandrel assembly for US40 (76.71 - 151.29 mm)

US80-ECM

ORDER NO.	DESCRIPTION
US80-ECM- 80	Elbow mandrel assembly for US80 (80 - 158.11 mm)
US80-ECM-150	Elbow mandrel assembly for US80 (150 - 265.83 mm)
US80-ECM-240	Elbow mandrel assembly for US80 (252.02 - 277.82 mm)

US150-ECM

ORDER NO.	DESCRIPTION
US150-ECM-150	Elbow mandrel assembly for US150 (150 - 256.83 mm)
US150-ECM-240	Elbow mandrel assembly for US150 (252.02 - 277.82 mm)