

TUBE EXPANDERS FOR MECHANICAL-HYDRAULIC EXPANSION PROCEDURE



with full bell



with lever bell



with clamping bell

TECHNICAL DATA – TUBE EXPANDER FOR MECHANICAL-HYDRAULIC EXPANSION PROCEDURE

USABLE DEPTH 5.906 · ROLL LENGTH 2.362

Size Body Ø	Exp. up to	C.w. min.	Tube outer Ø		Outer bell	Tube projection / insertion		adj. rolling w.		UD	Mandrel square
			min.	max.		Bell 426	Bell 427	from	to		
inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch
0.417	0.465	0.433	0.492	0.551	1.102	0	0.787	1.38	1.97	5.91	0.35
0.449	0.500	0.465	0.531	0.630	1.102	0	0.787	1.38	1.97	5.91	0.35
0.472	0.543	0.484	0.571	0.630	1.102	0	0.787	1.38	1.97	5.91	0.35
0.496	0.571	0.512	0.610	0.748	1.181	0	0.787	1.38	1.97	5.91	0.35
0.512	0.587	0.524	0.618	0.748	1.181	0	0.787	1.38	1.97	5.91	0.35
0.543	0.618	0.551	0.650	0.748	1.181	0	0.787	1.38	1.97	5.91	0.35
0.571	0.646	0.583	0.689	0.787	1.260	0	0.787	1.38	1.97	5.91	0.35
0.591	0.665	0.602	0.709	0.787	1.260	0	0.787	1.38	1.97	5.91	0.35
0.610	0.685	0.622	0.728	0.787	1.260	0	0.787	1.38	1.97	5.91	0.35
0.630	0.705	0.642	0.748	0.787	1.260	0	0.787	1.38	1.97	5.91	0.35
0.650	0.724	0.661	0.768	0.906	1.378	0	0.787	1.38	1.97	5.91	0.35
0.669	0.748	0.681	0.787	0.906	1.378	0	0.787	1.38	1.97	5.91	0.35
0.689	0.776	0.709	0.807	0.906	1.378	0	0.787	1.38	1.97	5.91	0.35
0.724	0.823	0.748	0.866	1.000	1.378	0	0.787	1.38	1.97	5.91	0.35
0.748	0.846	0.768	0.886	1.000	1.575	0	0.787	1.38	1.97	5.91	0.35
0.768	0.866	0.787	0.906	1.000	1.575	0	0.787	1.38	1.97	5.91	0.35
0.787	0.886	0.807	0.945	1.000	1.575	0	0.787	1.38	1.97	5.91	0.35

USABLE DEPTH 3.937 · ROLL LENGTH 2.362

Size Body Ø	Exp. up to	C.w. min.	Tube outer Ø		Outer bell	Tube projection / insertion		adj. rolling w.		UD	Mandrel square
			min.	max.		Bell 426	Bell 427	from	to		
inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch
0.417	0.465	0.433	0.492	0.551	1.102	0	0.787	1.38	1.97	3.94	0.35
0.449	0.500	0.465	0.531	0.630	1.102	0	0.787	1.38	1.97	3.94	0.35
0.472	0.543	0.484	0.571	0.630	1.102	0	0.787	1.38	1.97	3.94	0.35
0.496	0.571	0.512	0.610	0.748	1.181	0	0.787	1.38	1.97	3.94	0.35
0.512	0.587	0.524	0.618	0.748	1.181	0	0.787	1.38	1.97	3.94	0.35
0.543	0.618	0.551	0.650	0.748	1.181	0	0.787	1.38	1.97	3.94	0.35
0.571	0.646	0.583	0.689	0.787	1.260	0	0.787	1.38	1.97	3.94	0.35
0.591	0.665	0.602	0.709	0.787	1.260	0	0.787	1.38	1.97	3.94	0.35
0.610	0.685	0.622	0.728	0.787	1.260	0	0.787	1.38	1.97	3.94	0.35
0.630	0.705	0.642	0.748	0.787	1.260	0	0.787	1.38	1.97	3.94	0.35
0.650	0.724	0.661	0.768	0.906	1.378	0	0.787	1.38	1.97	3.94	0.35
0.669	0.748	0.681	0.787	0.906	1.378	0	0.787	1.38	1.97	3.94	0.35
0.689	0.776	0.709	0.807	0.906	1.378	0	0.787	1.38	1.97	3.94	0.35
0.724	0.823	0.748	0.866	1.000	1.378	0	0.787	1.38	1.97	3.94	0.35
0.748	0.846	0.768	0.886	1.000	1.575	0	0.787	1.38	1.97	3.94	0.35
0.768	0.866	0.787	0.906	1.000	1.575	0	0.787	1.38	1.97	3.94	0.35
0.787	0.886	0.807	0.945	1.000	1.575	0	0.787	1.38	1.97	3.94	0.35

USABLE DEPTH 2.756 · ROLL LENGTH 2.362

Size Body Ø	Exp. up to	C.w. min.	Tube outer Ø		Outer bell	Tube projection/insertion		adj. rolling w.		UD	Mandrel square
			min.	max.		Bell 426	Bell 427	from	to		
inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch
0.417	0.465	0.433	0.492	0.551	1.102	0	0.787	1.38	2.17	2.76	0.35
0.449	0.500	0.465	0.531	0.630	1.102	0	0.787	1.38	2.17	2.76	0.35
0.472	0.543	0.484	0.571	0.630	1.102	0	0.787	1.38	2.17	2.76	0.35
0.496	0.571	0.512	0.610	0.748	1.181	0	0.787	1.38	2.17	2.76	0.35
0.512	0.587	0.524	0.618	0.748	1.181	0	0.787	1.38	2.17	2.76	0.35
0.543	0.618	0.551	0.650	0.748	1.181	0	0.787	1.38	2.17	2.76	0.35
0.571	0.646	0.583	0.689	0.787	1.260	0	0.787	1.38	2.17	2.76	0.35
0.591	0.665	0.602	0.709	0.787	1.260	0	0.787	1.38	2.17	2.76	0.35
0.610	0.685	0.622	0.728	0.787	1.260	0	0.787	1.38	2.17	2.76	0.35
0.630	0.705	0.642	0.748	0.787	1.260	0	0.787	1.38	2.17	2.76	0.35
0.650	0.724	0.661	0.768	0.906	1.378	0	0.787	1.38	2.17	2.76	0.35
0.669	0.748	0.681	0.787	0.906	1.378	0	0.787	1.38	2.17	2.76	0.35
0.689	0.776	0.709	0.807	0.906	1.378	0	0.787	1.38	2.17	2.76	0.35
0.724	0.823	0.748	0.866	1.000	1.378	0	0.787	1.38	2.17	2.76	0.35
0.748	0.846	0.768	0.886	1.000	1.575	0	0.787	1.38	2.17	2.76	0.35
0.768	0.866	0.787	0.906	1.000	1.575	0	0.787	1.38	2.17	2.76	0.35
0.787	0.886	0.807	0.945	1.000	1.575	0	0.787	1.38	2.17	2.76	0.35

USABLE DEPTH 1.969 / 2.756 · ROLL LENGTH 1.575

Size Body Ø	Exp. up to	C.w. min.	Tube outer Ø		Outer bell	Tube projection/insertion		adj. rolling w.		UD	Mandrel square
			min.	max.		Bell 426	Bell 427	from	to		
inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch
0.346	0.394	0.354	0.433	0.551	1.102	0	0.787	0.59	1.38	1.97	0.35
0.354	0.402	0.366	0.433	0.551	1.102	0	0.787	0.59	1.38	1.97	0.35
0.378	0.425	0.394	0.453	0.551	1.102	0	0.787	0.59	1.38	1.97	0.35
0.394	0.445	0.406	0.472	0.551	1.102	0	0.787	0.59	1.38	1.97	0.35
0.417	0.465	0.433	0.492	0.551	1.102	0	0.787	0.59	1.38	2.76	0.35
0.449	0.500	0.465	0.531	0.630	1.102	0	0.787	0.59	1.38	2.76	0.35
0.472	0.543	0.484	0.571	0.630	1.102	0	0.787	0.59	1.38	2.76	0.35
0.496	0.571	0.512	0.610	0.748	1.181	0	0.787	0.59	1.38	2.76	0.35
0.512	0.587	0.524	0.618	0.748	1.181	0	0.787	0.59	1.38	2.76	0.35
0.543	0.618	0.551	0.650	0.748	1.181	0	0.787	0.59	1.38	2.76	0.35
0.571	0.646	0.583	0.689	0.787	1.260	0	0.787	0.59	1.38	2.76	0.35
0.591	0.665	0.602	0.709	0.787	1.260	0	0.787	0.59	1.38	2.76	0.35
0.610	0.685	0.622	0.728	0.787	1.260	0	0.787	0.59	1.38	2.76	0.35
0.630	0.705	0.642	0.748	0.787	1.260	0	0.787	0.59	1.38	2.76	0.35
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0.689	0.776	0.709	0.807	0.906	1.378	0	0.787	0.59	1.38	2.76	0.35
0.724	0.823	0.748	0.866	1.000	1.378	0	0.787	0.59	1.38	2.76	0.35
0.748	0.846	0.768	0.886	1.000	1.575	0	0.787	0.59	1.38	2.76	0.35
0.768	0.866	0.787	0.906	1.000	1.575	0	0.787	0.59	1.38	2.76	0.35
0.787	0.886	0.807	0.945	1.000	1.575	0	0.787	0.59	1.38	2.76	0.35

USABLE DEPTH 3.937 · ROLL LENGTH 1.575

Size Body Ø	Exp. up to	C. w. min.	Tube outer Ø		Outer bell	Tube projection/insertion		adj. rolling w.		UD	Mandrel square
			min.	max.		Bell 426	Bell 427	from	to		
inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch
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0.724	0.823	0.748	0.866	1.000	1.378	0	0.787	0.59	1.18	3.94	0.35
0.748	0.846	0.768	0.886	1.000	1.575	0	0.787	0.59	1.18	3.94	0.35
0.768	0.866	0.787	0.906	1.000	1.575	0	0.787	0.59	1.18	3.94	0.35
0.787	0.886	0.807	0.945	1.000	1.575	0	0.787	0.59	1.18	3.94	0.35

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