

## FAST STEP EXPANDERS FOR MECHANICAL / HYDRAULIC EXPANSION PROCEDURE



With **quick closure** (quick adjustment option forward and backward). With built-in **return spring** for the expanding mandrel, hence quick release. Equipped with a **mandrel catch**, hence mandrel nut and washer are dispensed with. Rolls with **double-sided parabola**.

The speed of this tube expander can be significantly further increased by the use of our **expansion controller** with automatic clockwise and anticlockwise rotation. The overlapping of the individual rolling steps takes place automatically, hence complete rolling of each tube over the entire tube sheet thickness, independent of the number of consecutive rolling steps. Correction of the rolling length is possible by means of an additional built-in **fine adjuster**. Considerable shortening of non-productive times between individual rolling steps. All individual parts are easily replaceable. **Time savings of over 50% are possible.**

## TECHNICAL DATA – FAST STEP TUBE EXPANDERS FOR MECHANICAL / HYDRAULIC TUBE EXPANSION PROCEDURE, SERIES 76

Roll length 1.575 inch - full bell

Usable depth	Size	Tube expander BR 76 with full bell	Spare mandrel BR 76	Spare roll BR 76	Spare body BR 76	Manual closure with full bell
inch	inch	Order no.	Order no.	Order no.	Order no.	Order no.
4.13	0.354	007609014	017609014	027609014	037609014	047609014
4.13	0.610	007615514	017615514	027615514	037615514	047615514
4.13	0.630	007616014	017616014	027616014	037616014	047616014
4.13	0.866	007622014	017622014	027622014	037622014	047622014
4.13	0.906	007622014	017622014	027622014	037622014	047622014
4.13	1.181	007630014	017630014	027630014	037630014	047630014
4.13	1.220	007637614	017637614	027637614	037637614	047637614
4.13	1.378	007635014	017635014	027635014	037635014	047635014
6.10	0.354	007609024	017609024	027609024	037609024	047609024
6.10	0.610	007615524	017615524	027615524	037615524	047615524
6.10	0.630	007616024	017616024	027616024	037616024	047616024
6.10	0.866	007622024	017622024	027622024	037622024	047622024
5.75	0.906	007622024	017622024	027622024	037622024	047622024
5.75	1.181	007630024	017630024	027630024	037630024	047630024
5.75	1.220	007637624	017637624	027637624	037637624	047637624
5.75	1.378	007635024	017635024	027635024	037635024	047635024
8.07	0.354	007609034	017609034	027609034	037609034	047609034
8.07	0.610	007615534	007615534	007615534	007615534	007615534
8.07	0.630	007616034	017616034	027616034	037616034	047616034
8.07	0.866	007622034	017622034	027622034	037622034	047622034
8.07	0.906	007622034	017622034	027622034	037622034	047622034
8.07	1.181	007630034	017630034	027630034	037630034	047630034
8.07	1.220	007637634	017637634	027637634	037637634	047637634
8.07	1.378	007635034	017635034	027635034	037635034	047635034
10.04	0.354	007609044	017609044	027609044	037609044	047609044
10.04	0.610	007615544	017615544	027615544	037615544	047615544
10.04	0.630	007616044	017616044	027616044	037616044	047616044
10.04	0.866	007622044	017622044	027622044	037622044	047622044
9.69	0.906	007622044	017622044	027622044	037622044	047622044
9.69	1.181	007630044	017630044	027630044	037630044	047630044
9.69	1.220	007637644	017637644	027637644	037637644	047637644
9.69	1.378	007635044	017635044	027635044	037635044	047635044
12.01	0.354	007609054	017609054	027609054	037609054	047609054
12.01	0.610	007615554	017615554	027615554	037615554	047615554
12.01	0.630	007616054	017616054	027616054	037616054	047616054
12.01	0.866	007622054	017622054	027622054	037622054	047622054
12.01	0.906	007622054	017622054	027622054	037622054	047622054
12.01	1.181	007630054	017630054	027630054	037630054	047630054
12.01	1.220	007637654	017637654	027637654	037637654	047637654
12.01	1.378	007635054	017635054	027635054	037635054	047635054

Smaller and larger dimensions on enquiry.

**TECHNICAL DATA – FAST STEP TUBE EXPANDERS FOR MECHANICAL / HYDRAULIC TUBE EXPANSION PROCEDURE, SERIES 77**

Roll length 2.362 inch – with RV bell

Usable depth	Size	Tube expander BR 77 with RV bell	Spare mandrel BR 77	Spare roll BR 77	Spare body BR 77	Manual closure with RV bell
inch	inch	Order no.	Order no.	Order no.	Order no.	Order no.
3.74	0.417	007710616	017710616	027710616	037710616	047710616
3.74	0.610	007715516	017715516	027715516	037715516	047715516
3.74	0.630	007716016	017716016	027716016	037716016	047716016
3.74	0.866	007722016	017722016	027722016	037722016	047722016
3.39	0.906	007722016	017722016	027722016	037722016	047722016
3.39	1.181	007730016	017730016	027730016	037730016	047730016
3.39	1.220	007737716	017737716	027737716	037737716	047737716
3.39	1.378	007735016	017735016	027735016	037735016	047735016
5.51	0.417	007710626	017710626	027710626	037710626	047710626
5.51	0.610	007715526	017715526	027715526	037715526	047715526
5.51	0.630	007716026	017716026	027716026	037716026	047716026
5.51	0.866	007722026	017722026	027722026	037722026	047722026
4.96	0.906	007722026	017722026	027722026	037722026	047722026
4.96	1.181	007730026	017730026	027730026	037730026	047730026
4.96	1.220	007737726	017737726	027737726	037737726	047737726
4.96	1.378	007735026	017735026	027735026	037735026	047735026
7.28	0.417	007710636	017710636	027710636	037710636	047710636
7.28	0.610	007715536	007715536	007715536	007715536	007715536
7.28	0.630	007716036	017716036	027716036	037716036	047716036
7.28	0.866	007722036	017722036	027722036	037722036	047722036
6.54	0.906	007722036	017722036	027722036	037722036	047722036
6.54	1.181	007730036	017730036	027730036	037730036	047730036
6.54	1.220	007737736	017737736	027737736	037737736	047737736
6.54	1.378	007735036	017735036	027735036	037735036	047735036
9.06	0.417	007710646	017710646	027710646	037710646	047710646
9.06	0.610	007715546	017715546	027715546	037715546	047715546
9.06	0.630	007716046	017716046	027716046	037716046	047716046
9.06	0.866	007722046	017722046	027722046	037722046	047722046
9.69	0.906	007722046	017722046	027722046	037722046	047722046
9.69	1.181	007730046	017730046	027730046	037730046	047730046
9.69	1.220	007737746	017737746	027737746	037737746	047737746
9.69	1.378	007735046	017735046	027735046	037735046	047735046
10.83	0.417	007710656	017710656	027710656	037710656	047710656
10.83	0.610	007715556	017715556	027715556	037715556	047715556
10.83	0.630	007716056	017716056	027716056	037716056	047716056
10.83	0.866	007722056	017722056	027722056	037722056	047722056
11.26	0.906	007722056	017722056	027722056	037722056	047722056
11.26	1.181	007730056	017730056	027730056	037730056	047730056
11.26	1.220	007737756	017737756	027737756	037737756	047737756
11.26	1.378	007735056	017735056	027735056	037735056	047735056

Smaller and larger dimensions on enquiry.