

# P2 Series

Three rolls, self feeding adjustable reach tube expander for deep reach expansion. Parallel rolling with long effective double radius rolls. Rolls are self retained in the cage. An excellent expander for use as touch-up expansion as well as a hard rolling and re-rolling a leaky tubes and for new constructions of water tube boilers, fire tube boilers, economizers, air heaters.

Expanders with 4, 5 rolls, with longer rolls or longer reach with 2 inch increments are available on request.

Our K70's right-angle rolling motors are recommended to be used with this expanders.



### MAX REACH FOR P2 EXPANDERS

COLLAR	60 MM ROLLS		80 MM ROLLS	
	[MM]	[INCH]	[MM]	[INCH]
Standard	112	4,40"	132	5,20"
Short	132	5,20"	152	6"

Tube OD		Tube Gauge	Tool No.	Expansion range				Rolls		Mandrel			Short Mandrell Set (3 pcs.)			Square	
[inch]	[mm]			[mm]	[inch]	min	max	min	max	No.	Lenght		No.	Length			No.
		[bwg]							[mm]	[inch]		[mm]	[inch]		[mm]	[inch]	[inch]
1-1/4"	31,70	16	P2-280	27,0	33,0	1,06	1,30	998	60	2,362	T-290	385,00	15,157	PTK28	175	6,890	1/2"
			P2-280/80	28,0	33,0	1,10	1,30	998/80	80	3,150	T-290	385,00	15,157	PTK28	175	6,890	1/2"
1-1/2"	38,10	7-11	P2-290	29,0	34,0	1,14	1,34	1048	60	2,362	T-290	385,00	15,157	PTK29	175	6,890	1/2"
			P2-290/80	29,0	34,0	1,14	1,34	1048/80	80	3,150	T-290	385,00	15,157	PTK29	175	6,890	1/2"
1-1/2"	38,10	10-12	P2-300	30,0	35,0	1,18	1,38	1089	60	2,362	T-290	385,00	15,157	PTK30	175	6,890	1/2"
			P2-300/80	30,0	35,0	1,18	1,38	1089/80	80	3,150	T-290	385,00	15,157	PTK30	175	6,890	1/2"
1-1/2"	38,10	13-16	P2-320	32,0	37,0	1,26	1,46	1143	60	2,362	T-320	385,00	15,157	PTK32	175	6,890	1/2"
			P2-320/80	32,0	37,0	1,26	1,46	1143/80	80	3,150	T-320	385,00	15,157	PTK32	175	6,890	1/2"
1-1/2"	38,10	13-20	P2-330	33,0	38,0	1,30	1,50	RR1143	60	2,362	T-320	385,00	15,157	PTK33	181	7,126	3/4"
			P2-330/80	33,0	38,0	1,30	1,50	RR1143/80	80	3,150	T-320	385,00	15,157	PTK33	181	7,126	3/4"
1-3/4"	44,40	8-9	P2-350	35,0	41,0	1,38	1,61	RR21A	60	2,362	T-370	410,00	16,142	PTK37	188	7,402	3/4"
			P2-350/80	35,0	41,0	1,38	1,61	RR21A/80	80	3,150	T-370	410,00	16,142	PTK37	188	7,402	3/4"
1-3/4"	44,40	10-16	P2-370	37,0	43,0	1,46	1,69	RR22A	60	2,362	T-370	410,00	16,142	PTK37	188	7,402	3/4"
			P2-370/80	37,0	43,0	1,46	1,69	RR22A/80	80	3,150	T-370	410,00	16,142	PTK37	188	7,402	3/4"
1-3/4"	44,45	12-18	P2-390	39,0	45,0	1,54	1,77	RR22A	60	2,362	T-370	410,00	16,142	PTK37	188	7,402	3/4"
			P2-390/80	39,0	45,0	1,54	1,77	RR22A/80	80	3,150	T-370	410,00	16,142	PTK37	188	7,402	3/4"
2"	50,80	7-10	P2-400	40,0	46,0	1,57	1,81	RR40A	60	2,362	T-420	410,00	16,142	PTK42	205	8,071	3/4"
			P2-400/80	40,0	46,0	1,57	1,81	RR40A/80	80	3,150	T-420	410,00	16,142	PTK42	205	8,071	3/4"
2"	50,80	11-12	P2-420	42,0	48,0	1,65	1,89	RR23A	60	2,362	T-420	410,00	16,142	PTK42	205	8,071	3/4"
			P2-420/80	42,0	48,0	1,65	1,89	RR23A/80	80	3,150	T-420	410,00	16,142	PTK42	205	8,071	3/4"
2"	50,80	13-15	P2-440	42,0	50,0	1,65	1,97	RR23A	60	2,362	T-440	410,00	16,142	PTK44	205	8,071	3/4"
			P2-440/80	44,0	50,0	1,73	1,97	RR23A/80	80	3,150	T-440	410,00	16,142	PTK44	205	8,071	3/4"
2"	50,80	16	P2-470	47,0	54,0	1,85	2,13	RR24A	60	2,362	T-470	435,00	17,126	PTK47	218	8,583	3/4"
			P2-470/80	47,0	54,0	1,85	2,13	RR24A/80	80	3,150	T-470	435,00	17,126	PTK47	218	8,583	3/4"
2-1/4"	57,10	10-12	P2-490	49,0	56,0	1,93	2,20	RR24A	60	2,362	T-490	435,00	17,126	PTK49	218	8,583	3/4"
			P2-490/80	49,0	56,0	1,93	2,20	RR24A/80	80	3,150	T-490	435,00	17,126	PTK49	218	8,583	3/4"
2-1/4"	57,10	14-16	P2-520	53,0	59,0	2,09	2,32	RR25A	60	2,362	T-490	435,00	17,126	PTK49	218	8,583	3/4"
			P2-520/80	52,0	59,0	2,05	2,32	RR25A/80	80	3,150	T-490	435,00	17,126	PTK49	218	8,583	3/4"
2-1/2"	63,50	11-12	P2-540	54,0	62,0	2,13	2,44	RR26A	60	2,362	T-540	470,00	18,504	PTK54	230	9,055	3/4"
			P2-540/80	54,0	62,0	2,13	2,44	RR26A/80	80	3,150	T-540	470,00	18,504	PTK54	230	9,055	3/4"
2-1/2"	63,50	13-16	P2-570	57,0	66,0	2,24	2,60	RR27A	60	2,362	T-570	500,00	19,685	PTK57	235	9,252	3/4"
			P2-570/80	57,0	66,0	2,24	2,60	RR27A/80	80	3,150	T-570	500,00	19,685	PTK57	235	9,252	3/4"
2-3/4"	69,80	7-11	P2-600	60,0	69,0	2,36	2,72	RR28A	60	2,362	T-570	500,00	19,685	PTK57	235	9,252	3/4"
			P2-600/80	60,0	69,0	2,36	2,72	RR28A/80	80	3,150	T-570	500,00	19,685	PTK57	235	9,252	3/4"
3"	76,20	7-11	P2-650	65,0	74,0	2,56	2,91	RR29A	60	2,362	T-650	500,00	19,685	PTK65	235	9,252	3/4"
			P2-650/80	65,0	74,0	2,56	2,91	RR29A/80	80	3,150	T-650	500,00	19,685	PTK65	235	9,252	3/4"
3"	76,20	13-15	P2-680	68,0	77,5	2,68	3,05	RR30A	60	2,362	T-720	530,00	20,866	PTK72	255	10,039	1"
			P2-680/80	68,0	77,5	2,68	3,05	RR30A/80	80	3,150	T-720	530,00	20,866	PTK72	255	10,039	1"
3-1/4"	82,55	7-12	P2-720	72,0	81,5	2,83	3,21	RR31A	60	2,362	T-720	530,00	20,866	PTK72	255	10,039	1"
			P2-720/80	72,0	81,5	2,83	3,21	RR31A/80	80	3,150	T-720	530,00	20,866	PTK72	255	10,039	1"
3-1/4"	82,55	13-16	P2-770	77,0	87,0	3,03	3,43	RR32A	60	2,362	T-770	530,00	20,866	PTK77	255	10,039	1"
			P2-770/80	77,0	87,0	3,03	3,43	RR32A/80	80	3,150	T-770	530,00	20,866	PTK77	255	10,039	1"
3-1/2"	88,90	10-16	P2-820	82,0	92,0	3,23	3,62	RR33A	60	2,362	T-820	530,00	20,866	PTK82	255	10,039	1"
			P2-820/80	82,0	92,0	3,23	3,62	RR33A/80	80	3,150	T-820	530,00	20,866	PTK82	255	10,039	1"
3-3/4"	95,25	7-12	P2-860	86,0	96,0	3,39	3,78	RR34A	60	2,362	T-860	530,00	20,866	PTK86	255	10,039	1"
			P2-860/80	86,0	96,0	3,39	3,78	RR34A/80	80	3,150	T-860	530,00	20,866	PTK86	255	10,039	1"
4"	101,60	8-12	P2-900	90,0	100,0	3,54	3,94	RR34A	60	2,362	T-900	530,00	20,866	PTK90	275	10,827	1"
			P2-900/80	90,0	100,0	3,54	3,94	RR34A/80	80	3,150	T-900	530,00	20,866	PTK90	275	10,827	1"
4"	101,60	13-16	P2-960	96,0	106,0	3,78	4,17	RR35A	60	2,362	T-960	530,00	20,866	PTK96	275	10,827	1"
			P2-960/80	96,0	106,0	3,78	4,17	RR35A/80	80	3,150	T-960	530,00	20,866	PTK96	275	10,827	1"