

'E' Type

Standard expanders are supplied with square head mandrel and three taper rollers to give parallel expansion, but can be fitted with parallel rollers to give taper expansion if required.

Internal range:

From .385" (9.78mm) to 8.290" (210.57mm)



A Add T or P to Code No.	B Will Expand				C				D Max Effective Rolling Length	E Size of Square Mandrel
	From		To							
	ins	mm	ins	mm	ins	mm	ins	mm		
E1	.385	9.78	.424	10.77	²³ / ₃₂	18.26	¹ / ₄	6.35		
E2	.416	10.57	.452	11.48	²³ / ₃₂	18.26	¹ / ₄	6.35		
E3	.447	11.35	.512	13.00	²³ / ₃₂	18.26	¹ / ₄	6.35		
E4	.480	12.19	.538	13.66	¹³ / ₁₆	20.64	¹ / ₄	6.35		
E5	.512	13.00	.570	14.48	¹³ / ₁₆	20.64	¹ / ₄	6.35		
E6	.543	13.79	.614	15.59	⁷ / ₈	22.22	¹ / ₄	6.35		
E7	.574	14.58	.644	16.36	⁷ / ₈	22.22	¹ / ₄	6.35		
E8	.608	15.44	.672	17.07	1	25.40	¹ / ₄	6.35		
E9	.640	16.26	.704	17.88	1	25.40	¹ / ₄	6.35		
E10	.671	17.04	.763	19.38	¹ / ₁₆	26.99	³ / ₈	9.53		
E11	.702	17.83	.793	20.14	¹ / ₁₆	26.99	³ / ₈	9.53		
E12	.733	18.61	.826	20.98	¹ / ₁₆	26.99	³ / ₈	9.53		
E13	.766	19.46	.855	21.72	¹ / ₈	28.58	³ / ₈	9.53		
E14	.797	20.24	.887	22.53	¹ / ₈	28.58	³ / ₈	9.53		
E15	.828	21.03	.917	23.29	¹ / ₈	28.58	³ / ₈	9.53		
E16	.861	21.87	.945	24.00	¹ / ₄	31.75	³ / ₈	9.53		
E17	.893	22.68	.977	24.82	¹ / ₄	31.75	³ / ₈	9.53		
E18	.924	23.47	1.039	26.39	¹ / ₄	31.75	³ / ₈	9.53		
E19	.986	25.04	1.102	27.99	¹ / ₄	31.75	¹ / ₂	12.70		
E20	1.050	26.67	1.164	29.57	¹ / ₄	31.75	¹ / ₂	12.70		
E21	1.111	28.22	1.226	31.14	¹ / ₄	31.75	¹ / ₂	12.70		
E22	1.174	29.82	1.289	32.74	¹ / ₄	31.75	¹ / ₂	12.70		
E23	1.205	30.61	1.340	34.03	¹ / ₄	31.75	¹ / ₂	12.70		
E24	1.268	32.21	1.402	35.61	¹ / ₄	31.75	¹ / ₂	12.70		
E25	1.301	33.09	1.446	36.73	¹ / ₄	31.75	¹ / ₂	12.70		
E26	1.363	34.62	1.542	39.17	¹ / ₄	31.75	³ / ₄	19.05		
E27	1.426	36.22	1.603	40.72	¹ / ₄	31.75	³ / ₄	19.05		
E28	1.488	37.80	1.664	42.26	¹ / ₄	31.75	³ / ₄	19.05		
E29	1.551	39.39	1.729	43.92	¹ / ₄	31.75	³ / ₄	19.05		
E30	1.613	40.97	1.791	45.49	³ / ₁₆	30.16	³ / ₄	19.05		
E31	1.645	41.78	1.857	47.17	³ / ₁₆	30.16	³ / ₄	19.05		
E32	1.707	43.36	1.918	48.72	³ / ₁₆	30.16	³ / ₄	19.05		

A Add T or P to Code No.	B Will Expand				C				D Max Effective Rolling Length	E Size of Square Mandrel
	From		To							
	ins	mm	ins	mm	ins	mm	ins	mm		
E33	1.832	46.53	2.074	52.68	¹ / ₁₆	30.16	³ / ₄	19.05		
E34	1.957	49.71	2.200	55.88	¹ / ₁₆	30.16	³ / ₄	19.05		
E35	2.082	52.88	2.325	59.06	¹ / ₁₆	30.16	1	25.40		
E36	2.207	56.06	2.449	62.20	¹ / ₁₆	30.16	1	25.40		
E37	2.270	57.65	2.574	65.38	¹ / ₄	31.75	1	25.40		
E38	2.395	60.83	2.694	68.43	¹ / ₄	31.75	1	25.40		
E39	2.457	62.41	2.760	70.10	¹ / ₄	31.75	1	25.40		
E40	2.587	65.71	2.875	73.02	¹ / ₂	38.10	1	25.40		
E41	2.650	67.31	3.000	76.20	¹ / ₂	38.10	1	25.40		
E42	2.777	70.54	3.120	79.25	⁹ / ₁₆	39.69	1	25.40		
E43	2.902	73.71	3.247	82.47	⁹ / ₁₆	39.69	1	25.40		
E44	3.027	76.88	3.371	85.62	⁹ / ₁₆	39.69	1	25.40		
E45	3.152	80.06	3.495	88.77	⁹ / ₁₆	39.69	1	25.40		
E46	3.277	83.24	3.619	91.92	⁹ / ₁₆	39.69	1	25.40		
E47	3.339	84.81	3.744	95.09	⁹ / ₁₆	39.69	1	25.40		
E48	3.464	87.98	3.868	98.25	⁹ / ₁₆	39.69	1	25.40		
E49	3.589	91.16	3.996	101.50	⁹ / ₁₆	39.69	1	25.40		
E50	3.714	94.34	4.120	104.65	⁹ / ₁₆	39.69	1	25.40		
E51	3.839	97.51	4.244	107.29	⁹ / ₁₆	39.69	1	25.40		
E52	3.964	100.68	4.370	111.00	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E53	4.152	105.46	4.560	115.82	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E54	4.402	111.81	4.810	122.17	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E55	4.653	118.19	5.060	128.52	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E56	4.902	124.51	5.184	131.67	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E57	5.153	130.88	5.557	141.15	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E58	5.402	137.21	5.807	147.50	⁹ / ₁₆	39.69	¹ / ₄	31.75		
E60	5.625	142.88	6.057	153.85	¹ / ₂	38.10	¹ / ₄	31.75		
E61	5.902	149.91	6.307	160.20	¹ / ₂	38.10	¹ / ₄	31.75		
E63	6.402	162.61	6.790	172.47	³ / ₄	44.45	¹ / ₄	31.75		
E65	6.902	175.31	7.290	185.17	³ / ₄	44.45	¹ / ₄	31.75		
E67	7.402	188.01	7.790	197.87	⁷ / ₈	47.62	¹ / ₄	31.75		
E69	7.902	200.71	8.290	210.57	2	50.80	¹ / ₄	31.75		