

JCB-5Rolls Series

■ JCB-5Rolls Series 확관틀은 롤러가 5개로 구성되어 기본 3Rolls 시리즈에 비하여 고착력이 향상되고 튜브두께가 얇은 경우에 사용되며 튜브 내부의 손상을 줄일 수 있습니다.

■ Gives a more concentric and even expansion when expanding thin walled tubes vs. a conventional 3 rolls expander and reduces tube spring back effect.



Roller Length	Adjustable Range	
	Min.	Max.
38.1 mm	12.7mm	38.1 mm
57.1 mm	31.7mm	57.1 mm

Tube O.D.		Tube Thickness			Tube I.D.		Min. Expansion		Max. Expansion		Tool No.	Roller No. Roll Length (38.1mm)	Tool No.	Roller No. Roll Length (57.15mm)	Mandrel No.	Mandrel square	
mm	inch	bwg	mm	inch	mm	inch	mm	inch	mm	inch						mm	inch
15.88	5/8"	17	1.47	0.058	12.93	0.509	12.67	0.499	14.33	0.564	JCB-110XR5	R-4-5	JCB-210XR5	R-4-A-5	816-5	9.5	3/8
		18	1.24	0.049	13.39	0.527	13.13	0.517	14.53	0.572	JCB-110SXR5	R-4-5	-	-	M-9	9.5	3/8
		19	1.07	0.042	13.74	0.541	13.26	0.522	14.78	0.582	JCB-111XR5	R-4-5	JCB-211XR5	R-4-A-5	820-5	9.5	3/8
		20	0.89	0.035	14.10	0.555	13.61	0.536	15.14	0.596	JCB-112XR5	R-4-5	JCB-212XR5	R-4-A-5	820-5S	9.5	3/8
		21	0.81	0.032	14.25	0.561	13.61	0.536	15.14	0.596	JCB-112XR5	R-4-5	JCB-212XR5	R-4-A-5	820-5S	9.5	3/8
		22	0.71	0.028	14.45	0.569	13.61	0.536	15.14	0.596	JCB-112XR5	R-4-5	JCB-212XR5	R-4-A-5	820-5S	9.5	3/8
19.05	3/4"	13	2.41	0.095	14.22	0.560	13.97	0.550	15.62	0.615	JCB-113XR5	R-5-5	JCB-213XR5	R-5-A-5	822-5	9.5	3/8
		14	2.11	0.083	14.83	0.584	14.58	0.574	16.23	0.639	JCB-115XR5	R-6-5	JCB-215XR5	R-6-A-5	824-5	9.5	3/8
		15	1.83	0.072	15.39	0.606	15.14	0.596	16.79	0.661	JCB-116XR5	R-7-5	JCB-216XR5	R-7-A-5	826-5	9.5	3/8
		16	1.65	0.065	15.75	0.620	15.37	0.605	17.40	0.685	JCB-117XR5	R-7-5	JCB-217XR5	R-7-A-5	M-13	9.5	3/8
		17	1.47	0.058	16.10	0.634	15.72	0.619	17.75	0.699	JCB-118XR5	R-7-5	JCB-218XR5	R-7-A-5	830-5	9.5	3/8
		18	1.24	0.049	16.56	0.652	15.72	0.619	17.75	0.699	JCB-118XR5	R-7-5	JCB-218XR5	R-7-A-5	830-5	9.5	3/8
		19	1.07	0.042	16.92	0.666	16.31	0.642	18.34	0.722	JCB-119XR5	R-9-5	JCB-219XR5	R-9-A-5	M-13	9.5	3/8
		20	0.89	0.035	17.27	0.680	16.31	0.642	18.34	0.722	JCB-119XR5	R-9-5	JCB-219XR5	R-9-A-5	M-13	9.5	3/8
		21	0.81	0.032	17.42	0.686	16.31	0.642	18.34	0.722	JCB-119XR5	R-9-5	JCB-219XR5	R-9-A-5	M-13	9.5	3/8
		22	0.71	0.028	17.63	0.694	16.31	0.642	18.34	0.722	JCB-119XR5	R-9-5	JCB-219XR5	R-9-A-5	M-13	9.5	3/8
		23	0.64	0.025	17.80	0.700	17.00	0.670	18.90	0.747	JCB-121XR5	R-9-5	JCB-221XR5	R-9-A-5	M-14-3/8	9.5	3/8
		24	0.56	0.022	17.90	0.706	17.00	0.670	18.90	0.747	JCB-121XR5	R-9-5	JCB-221XR5	R-9-A-5	M-14-3/8	9.5	3/8
		25	0.51	0.020	18.00	0.710	17.40	0.685	19.78	0.774	JCB-123XR5	R-10-5	JCB-223XR5	R-10-A-5	M-15-3/8	9.5	3/8
22.22	7/8"	13	2.41	0.095	17.40	0.685	17.00	0.670	18.90	0.747	JCB-121XR5	R-9-5	JCB-221XR5	R-9-A-5	M-14-3/8	9.5	3/8
		14	2.11	0.083	18.01	0.709	17.40	0.685	19.78	0.774	JCB-123XR5	R-10-5	JCB-223XR5	R-10-A-5	M-15-3/8	9.5	3/8
		16	1.65	0.065	18.92	0.745	18.44	0.726	20.70	0.815	JCB-124XR5	R-11-5	JCB-224XR5	R-11-A-5	840-5	9.5	3/8
		17	1.47	0.058	19.28	0.759	18.80	0.740	21.06	0.829	JCB-125XR5	R-11-5	JCB-225XR5	R-11-A-5	M-17-3/8	9.5	3/8
		18	1.24	0.049	19.74	0.777	18.80	0.740	21.06	0.829	JCB-125XR5	R-11-5	JCB-225XR5	R-11-A-5	M-17-3/8	9.5	3/8
		19	1.07	0.042	20.09	0.791	19.38	0.763	21.64	0.852	JCB-127XR5	R-11-5	JCB-227XR5	R-11-A-5	M-18-3/8	9.5	3/8
		20	0.89	0.035	20.45	0.805	19.38	0.763	21.64	0.852	JCB-127XR5	R-11-5	JCB-227XR5	R-11-A-5	M-18-3/8	9.5	3/8
		21	0.81	0.032	20.60	0.811	19.38	0.763	21.64	0.852	JCB-127XR5	R-11-5	JCB-227XR5	R-11-A-5	M-18-3/8	9.5	3/8
		22	0.71	0.028	20.80	0.819	19.38	0.763	21.64	0.852	JCB-127XR5	R-11-5	JCB-227XR5	R-11-A-5	M-18-3/8	9.5	3/8
		23	0.64	0.025	20.90	0.825	20.09	0.791	22.35	0.880	JCB-129XR5	R-13-5	JCB-229XR5	R-13-A-5	M-18-3/8	9.5	3/8
		24	0.56	0.022	21.10	0.831	20.09	0.791	22.35	0.880	JCB-129XR5	R-13-5	JCB-229XR5	R-13-A-5	M-18-3/8	9.5	3/8
25.40	1"	12	2.77	0.109	19.86	0.782	19.38	0.763	21.64	0.852	JCB-127XR5	R-11-5	JCB-227XR5	R-11-A-5	M-18-3/8	9.5	3/8
		13	2.41	0.095	20.57	0.810	20.09	0.791	22.35	0.880	JCB-129XR5	R-13-5	JCB-229XR5	R-13-A-5	M-18-3/8	9.5	3/8
		14	2.11	0.083	21.18	0.834	20.57	0.810	23.09	0.909	JCB-130XR5	R-12-5	JCB-230XR5	R-12-A-5	850-5	9.5	3/8
		15	1.83	0.072	21.74	0.856	21.26	0.837	23.77	0.936	JCB-131XR5	R-13-5	JCB-231XR5	R-13-A-5	852-5	9.5	3/8
		16	1.65	0.065	22.10	0.870	21.26	0.837	23.77	0.936	JCB-131XR5	R-13-5	JCB-231XR5	R-13-A-5	852-5	9.5	3/8
		17	1.47	0.058	22.45	0.884	21.97	0.865	24.49	0.964	JCB-132XR5	R-13-5	JCB-232XR5	R-13-A-5	856-5	9.5	3/8
		18	1.24	0.049	22.91	0.902	21.97	0.865	24.49	0.964	JCB-132XR5	R-13-5	JCB-232XR5	R-13-A-5	856-5	9.5	3/8
		19	1.07	0.042	23.27	0.916	21.97	0.865	24.49	0.964	JCB-132XR5	R-13-5	JCB-232XR5	R-13-A-5	856-5	9.5	3/8
		20	0.89	0.035	23.62	0.930	21.97	0.865	24.49	0.964	JCB-132XR5	R-13-5	JCB-232XR5	R-13-A-5	856-5	9.5	3/8
		21	0.81	0.032	23.77	0.936	22.43	0.883	24.94	0.982	JCB-134XR5	R-15-5	JCB-234XR5	R-15-A-5	M-21-3/8	9.5	3/8
		22	0.71	0.028	23.98	0.944	22.43	0.883	24.94	0.982	JCB-134XR5	R-15-5	JCB-234XR5	R-15-A-5	M-21-3/8	9.5	3/8
		23	0.64	0.025	24.10	0.950	22.43	0.883	24.94	0.982	JCB-134XR5	R-15-5	JCB-234XR5	R-15-A-5	M-21-3/8	9.5	3/8
		24	0.56	0.022	24.30	0.956	22.43	0.883	24.94	0.982	JCB-134XR5	R-15-5	JCB-234XR5	R-15-A-5	M-21-3/8	9.5	3/8
		25	0.51	0.020	24.40	0.960	22.43	0.883	24.94	0.982	JCB-134XR5	R-15-5	JCB-234XR5	R-15-A-5	M-21-3/8	9.5	3/8