

TACK Conical Series

KRAIS TACK series delivers short, controlled conical expansion as preparation for welding. Used in rolled-and-welded joints, it removes clearance and stabilizes the tube to improve weld conditions. The conical profile provides maximum expansion close to the tube end, while the length is selected to match the intended weld zone requirements.



WORKING RANGE

TUBE ID	TUBE OD
8,0 - 50,0 mm	9,5 - 50,8 mm
0,315 - 1,969"	3/8" to 1"

ADDITIONAL INFORMATION



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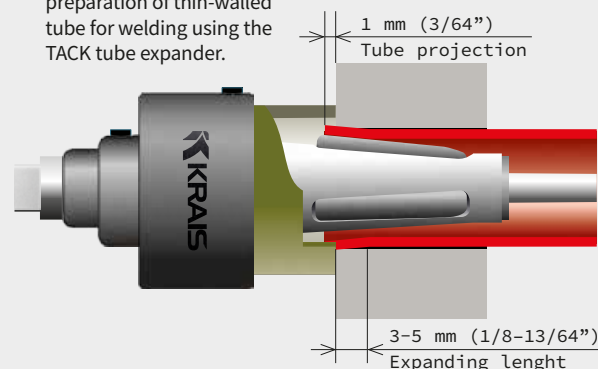
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RECOMMENDATION

Proper rolling and preparation of thin-walled tube for welding using the TACK tube expander.



EXPANSION RANGE				TOOL	ROLLS	MANDREL	MANDREL SQUARE		RECOMMENDED MOTOR *	
[MM]		[INCH]					[MM]	[INCH]	AIR	ELECTRIC
MIN	MAX	MIN	MAX							
7,80	9,90	0,307	0,390	TRE-797	R-797	M-797	9,5	3/8	K20-1800	TesMini 2 with HT-0
8,60	11,00	0,339	0,433	TRE-801	R-1	M-1	9,5	3/8	K20-1800	TesMini 2 with HT-0
9,40	12,00	0,370	0,472	TRE-805	R-3	M-2	9,5	3/8	K20-1800	TesMini 2 with HT-0
11,30	14,30	0,445	0,563	TRE-811	R-5	M-5	9,5	3/8	K20-1800	TesMini 2 with HT-0
11,90	15,10	0,469	0,594	TRE-815	R-6	M-6	9,5	3/8	K20-1800	TesMini 2 with HT-0
12,30	15,60	0,484	0,614	TRE-819	R-7	M-6	9,5	3/8	K20-1800	TesMini 2 with HT-0
13,70	17,00	0,539	0,669	TRE-823	R-9	M-8	9,5	3/8	K20-1800	TesMini 2 with HT-0
15,50	19,10	0,610	0,752	TRE-831	R-12	M-9	9,5	3/8	K20-550	TesMini 2 with DU-0
16,20	19,80	0,638	0,780	TRE-833	R-13	M-10	9,5	3/8	K20-550	TesMini 2 with DU-0
17,90	21,85	0,705	0,860	TRE-843	R-16	M-12	9,5	3/8	K20-550	TesMini 2 with DU-0
19,70	23,90	0,776	0,941	TRE-849	R-18	M-13	9,5	3/8	K20-550	TesMini 2 with DU-0
21,10	25,30	0,831	0,996	TRE-855	R-21	M-13	9,5	3/8	K50-1250	TesMini 2 with DU-0
23,50	28,00	0,925	1,102	TRE-863	R-24	M-15	12,7	1/2	K50-1250	TesMini 2 with DU-0
25,60	30,00	1,008	1,181	TRE-871	R-28	M-17	12,7	1/2	K50-1250	TesMini 2 with DU-0
27,90	32,35	1,098	1,274	TRE-881	R-32	M-18	12,7	1/2	K50-1250	TesMini 2 with DU-0
29,10	33,70	1,146	1,327	TRE-885	R-34	M-20	12,7	1/2	K50-600	TesMini 2 with DU-0
31,80	36,40	1,252	1,433	TRE-895	R-37	M-21	12,7	1/2	K50-600	TesMini 2 with DU-0
32,90	38,20	1,295	1,504	TRE-899	R-38	M-22	12,7	1/2	K50-600	TesMini 2 with DU-1
36,40	43,20	1,433	1,701	TRE-9012-13/4-12	R-44	M-90	19,1	3/4	K60-900	TesMini 2 with DU-1
39,20	46,80	1,543	1,843	TRE-8012-175-14	R-48	M-91	19,1	3/4	K60-900	TesMini 2 with DU-1
41,20	49,10	1,622	1,933	TRE-8012-2-11	R-52	M-91	19,1	3/4	K60-900	TesMini 2 with DU-1
42,60	50,90	1,677	2,004	TRE-8012-2-13-18	R-56	M-91	19,1	3/4	K60-900	TesMini 2 with DU-1
46,70	54,80	1,839	2,157	TRE-8012-2-1/4-10	R-56	M-92	19,1	3/4	K60-900	TesMini 2 with DU-1

* Motor recommendation applies only to most popular cases with a standard percentage of the wall reduction. The recommendation can be different for thicker tube sheet, harder and exotic metal tube and a higher percentage of wall reduction.