



ARCUS WIRE GROUP
MARINE • INDUSTRIAL • ARCHITECTURAL

ROLL SWAGING INFORMATION SHEET

Wireteknik Roll Swaging Machine

Designed for pressing terminal fittings to steel core wire ropes and solid rod. The Wireteknik range of roll swages are the ultimate machines.

Simple and robust design with the minimum of moving parts, make these machines both reliable and extremely accurate, yet still remain compact and easily transportable for onsite work.

Terminals pressed in a Wireteknik rollswager come out straight without the banana effect often experienced with other rollswagers.

The machines range in size from the compact A100 to the awesome A 500, capable of swaging wires up to 44mm in diameter.

A variety of power sources are available including manual hand pumps, electric pumps, and air/hydraulic pumps.

WIRE SIZE		DIAMETER BEFORE SWAGING		DIAMETER AFTER SWAGING	
MM	IN	MM	IN	MM	IN
2.5	3/32	5.35/5.41	.218/.213	4.82/4.70	.190/.185
3	1/8	6.35/6.22	.250/.245	5.56/5.44	.219/.214
4	5/32	7.54/7.42	.297/.292	6.35/6.23	.250/.245
5	3/16	9.12/9.00	.359/.354	7.95/7.83	.313/.308
5.5	7/32	10.84/10.72	.427/.422	9.50/9.35	.375/.368
6	1/4	12.54/12.42	.494/.489	11.12/10.95	.438/.431
7	9/32	14.30/14.18	.563/.558	12.70/12.50	.500/.492
8	5/16	16.13/16.01	.635/.630	14.30/14.07	.563/.554
9.10	3/8	17.85/17.73	.703/.698	15.90/15.70	.625/.618
11	7/16	19.83/19.63	.781/.773	17.47/17.27	.688/.680
12	1/2	21.44/21.32	.844/.839	19.05/18.82	.750/.741
12E	-	20.08/20.0	-	17.80/17.60	-
14	9/16	25.00/24.88	.948/.979	22.23/22.00	.875/.866
16	5/8	28.17/28.05	1.109/1.104	25.40/25.15	1.000/.990
19	3/4	34.52/34.40	1.359/1.354	31.75/31.44	1.250/1.238
22	7/8	40.46/40.21	1.593/1.583	36.50/36.20	1.437/1.425
25	1	46.02/45.77	1.812/1.802	41.28/40.97	1.625/1.613
28	1 1/8	50.0	1.968	44.0/44.5	1.732/1.751
32	1 1/4	58.0	2.284	51.0/51.5	2.007/2.028
36	1 3/8	65.0	2.559	57.0/57.8	2.233/2.275
38-40	1 1/2	72.0	2.835	63.2/64.0	2.488/2.519
42-44	1 3/4	75.0	2.952	66.0/67.0	2.598/2.640