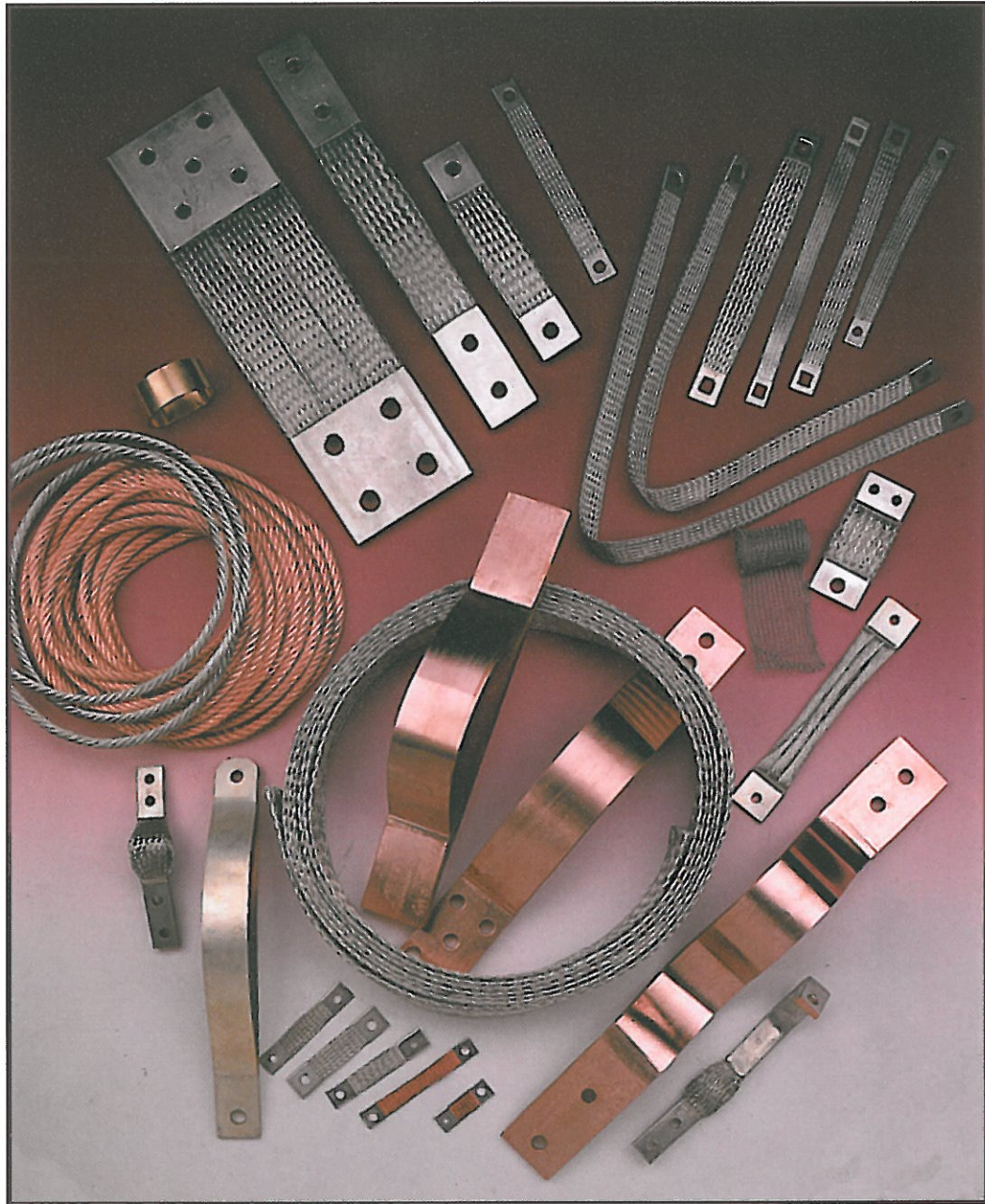
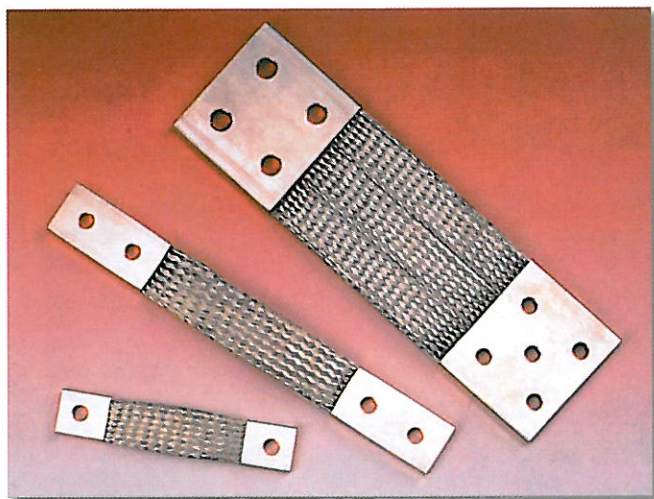


# H-J INTERNATIONAL, INC.

*Manufacturers of Quality Products of International Reputation*



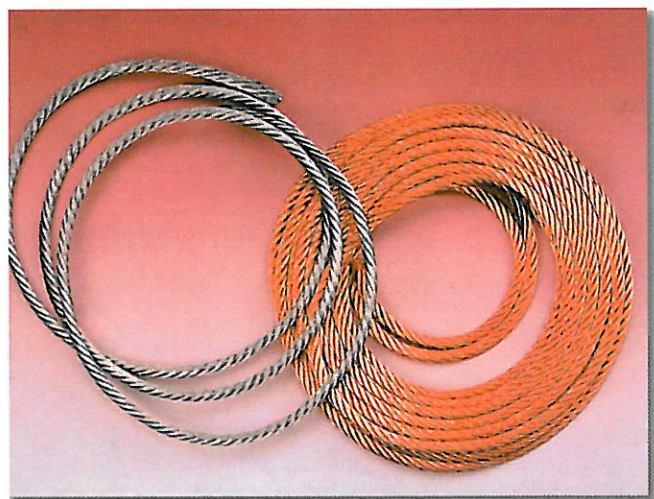
# PRODUCTS RANGE



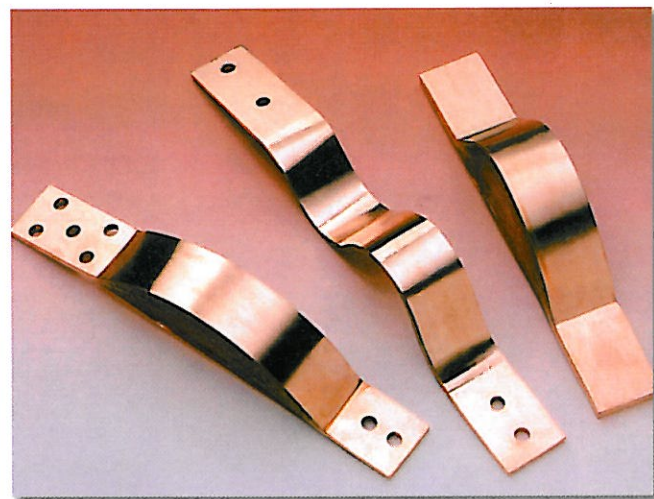
● Flexible Links



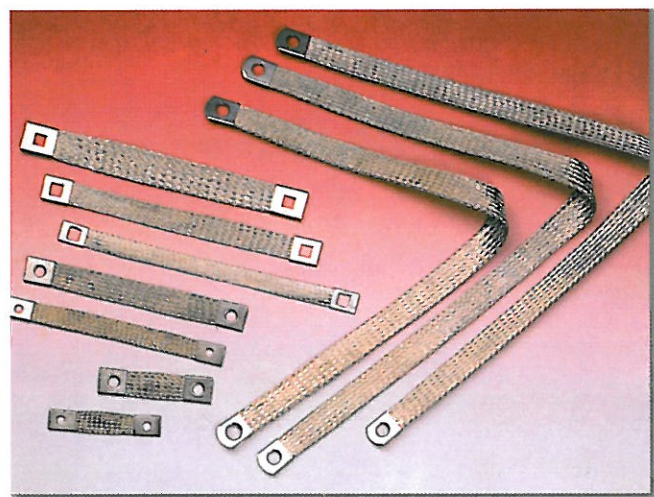
● Flexible Tinned Copper Braids



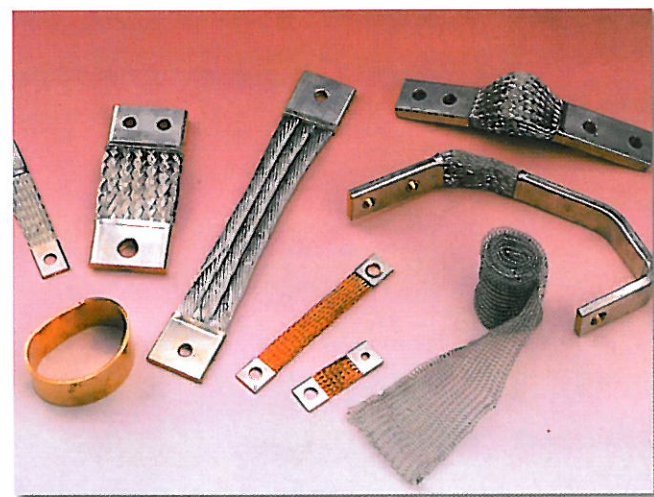
● Annealed Copper Stranding Wire



● Laminated Shunts



● Prefabricated Braids

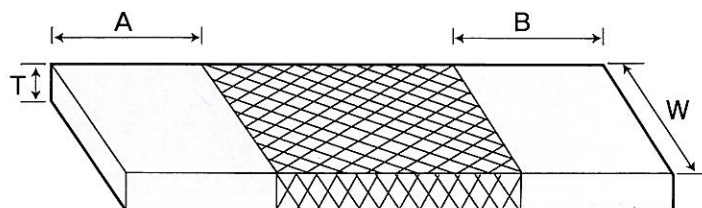


● Others

# FLEXIBLE LINKS

## STANDARD RATING

WIDTH		SQ		CURRENT	THICKNESS		WIDTH		SQ		CURRENT	THICKNESS	
mm	inch	mm <sup>2</sup>	in <sup>2</sup>	Amp	mm	inch	mm	inch	mm <sup>2</sup>	in <sup>2</sup>	Amp	mm	inch
40	1.57	50	0.0775	290	5.5	0.22	100	3.94	300	0.4650	1,060	8.6	0.34
		100	0.1550	410	7.1	0.28			400	0.6200	1,240	10.0	0.40
		150	0.2325	520	8.6	0.34			500	0.7750	1,380	11.2	0.44
		200	0.3100	580	10.1	0.40			600	0.9300	1,530	13.0	0.52
		250	0.3875	690	11.7	0.46			800	1.2400	1,800	15.5	0.61
		300	0.4650	770	13.8	0.55			1,000	1.5500	2,000	18.1	0.72
50	1.97	100	0.1550	450	6.4	0.25	120	4.72	1,250	1.8600	2,200	21.4	0.85
		200	0.3100	650	8.9	0.35			1,500	2.3250	2,500	24.7	0.98
		300	0.4650	820	11.3	0.45			500	0.7750	1,500	11.2	0.44
		400	0.6200	970	14.2	0.56			600	0.9300	1,650	12.2	0.48
		500	0.7750	1,100	16.7	0.66			800	1.2400	1,900	14.2	0.56
60	2.36	600	0.9300	1,220	19.4	0.77	150	5.91	1,000	1.5500	2,100	16.3	0.65
		200	0.3100	680	7.9	0.31			1,200	1.8600	2,350	18.4	0.73
		300	0.4650	900	9.9	0.39			1,400	2.1700	2,550	20.8	0.82
		500	0.7750	1,150	14.5	0.57			1,500	2.3250	2,650	22.5	0.89
		600	0.9300	1,300	16.6	0.65			1,600	2.4800	2,800	23.5	0.93
		800	1.2400	1,500	20.8	0.82			600	0.9300	1,800	10.9	0.43
75	2.95	1,000	1.5500	1,720	25.0	0.98	200	7.87	700	1.0850	2,100	12.5	0.50
		300	0.4650	940	8.8	0.34			1,000	1.5500	2,350	14.2	0.56
		500	0.7750	1,240	12.3	0.48			1,200	1.8600	2,600	16.1	0.64
		600	0.9300	1,380	14.2	0.56			1,600	2.4800	3,000	19.9	0.79
		800	1.2400	1,630	17.6	0.70			2,000	3.1000	3,400	23.4	0.93
		1,000	1.5500	1,860	20.5	0.81			2,400	3.7200	3,800	27.3	1.08
		1,200	1.8600	2,070	24.6	0.97			2,800	4.3400	4,100	31.1	1.23
80	3.15	300	0.4650	1,000	8.4	0.33	200	7.87	1,000	1.5500	2,640	12.2	0.48
		400	0.6200	1,170	9.9	0.39			1,200	1.8600	2,900	13.5	0.54
		500	0.7750	1,310	11.7	0.46			1,500	2.3250	3,260	15.5	0.61
		600	0.9300	1,500	13.3	0.53			2,000	3.1000	3,800	18.7	0.74
		800	1.2400	1,720	16.4	0.65			2,500	3.8750	4,200	22.9	0.91
		1,000	1.5500	1,950	19.8	0.78			3,000	4.6500	4,700	27.2	1.07
		1,200	1.8600	2,150	23.2	0.92			3,350	5.1925	5,100	30.6	1.21
		1,250	1.9375	2,190	24.3	0.96			3,500	5.4250	5,250	31.8	1.26



- Permissible Temperature Rising :  
55°C (Up to 40°C ambient temperature)
- Products of other specification can be supplied in accordance with contract requirement

# FLEXIBLE TINNED COPPER BRAIDS

## STANDARD RATING

SQ		COMPOSITION	WIDE × THICK (inch)	WEIGHT (lb/ft)	CURRENT (Amp)	ROLL (ft/Roll)
mm <sup>2</sup>	in <sup>2</sup>					
0.75	0.0012	16/ 4/ 0.12	0.10×0.02	0.0046	10	5,000
1.25	0.0019	16/ 7/ 0.12	0.12×0.03	0.0080	17	3,000
2	0.0031	24/ 8/ 0.12	0.16×0.04	0.0138	27	1,500
3.5	0.0054	24/ 13/ 0.12	0.20×0.04	0.0225	37	1,500
5.5	0.0085	32/ 15/ 0.12	0.32×0.04	0.0346	49	1,000
8	0.0124	48/ 9/ 0.16	0.55×0.05	0.0553	61	1,000
14	0.0217	48/ 15/ 0.16	0.67×0.06	0.0922	88	600
22	0.0341	48/ 23/ 0.16	0.83×0.08	0.1413	115	400
30	0.0465	48/ 32/ 0.16	1.02×0.10	0.1967	139	300
38	0.0589	48/ 40/ 0.16	1.06×0.10	0.2459	162	300
50	0.0775	48/ 52/ 0.16	1.18×0.12	0.3197	190	150
60	0.0930	52/ 58/ 0.16	1.46×0.11	0.3862	217	150
80	0.1240	52/ 77/ 0.16	1.77×0.12	0.5128	257	100
100	0.1550	52/ 96/ 0.16	2.17×0.18	0.6394	298	100
125	0.1938	52/120/ 0.16	2.17×0.20	0.7993	344	80
150	0.2325	52/144/ 0.16	2.36×0.20	0.9589	395	60

- Permissible allowance for Width & Thickness : ±5%
- Products of other specification can be supplied in accordance with contract requirement

# ANNEALED COPPER STRANDING WIRE

## STANDARD RATING

SQ		DIAMETER	NET WEIGHT	COMPOSITION			CURRENT (Amp)
mm <sup>2</sup>	in <sup>2</sup>	inch	lb/ft	0.05mm	0.08mm	0.12mm	
0.3	0.0005	0.035	0.0019	3/ 51/ 0.05	3/ 20/ 0.08		5
0.4	0.0006	0.039	0.0025	3/ 68/ 0.05	3/ 27/ 0.08	3/ 12/0.12	6
0.5	0.0008	0.043	0.0032	3/ 85/ 0.05	3/ 33/ 0.08	3/ 15/0.12	8
0.75	0.0012	0.047	0.0048	7/ 55/ 0.05	3/ 50/ 0.08	3/ 22/0.12	10
0.9	0.0014	0.055	0.0058	7/ 66/ 0.05	7/ 26/ 0.08	7/ 12/0.12	12
1.25	0.0019	0.067	0.0079	7/ 91/ 0.05	7/ 30/ 0.08	7/ 16/0.12	15
1.4	0.0022	0.070	0.0089	7/102/ 0.05	7/ 40/ 0.08	7/ 18/0.12	17
2.0	0.0031	0.083	0.0127	7/146/ 0.05	7/ 57/ 0.08	7/ 26/0.12	20
2.5	0.0039	0.090	0.0159	7/182/ 0.05	7/ 71/ 0.08	7/ 32/0.12	25
3.5	0.0054	0.110	0.0222	7/255/ 0.05	7/100/ 0.08	7/ 45/0.12	30
4.5	0.0070	0.126	0.0287	7/328/ 0.05	7/127/ 0.08	7/ 57/0.12	40
5.5	0.0085	10.146	0.0350	7/401/ 0.05	7/157/ 0.08	7/ 70/0.12	45
6.5	0.0101	0.150	0.0417			7/ 83/0.12	50
8	0.0124	0.173	0.0513			7/102/0.12	55
10	0.0155	0.185	0.0639			7/127/0.12	65
14	0.0217	0.205	0.0891			7/ 79/0.18	84
22	0.0341	0.272	0.1400			7/124/0.18	109
38	0.0589	0.354	0.2425			7/217/0.18	150
60	0.0930	0.453	0.3844			19/125/0.18	185
80	0.1240	0.524	0.5105			19/166/0.18	245
100	0.1550	0.587	0.6367			19/207/0.18	300
150	0.2325	0.716	0.9566			19/311/0.18	455
200	0.3100	0.827	1.2734			19/414/0.18	610

- Permissible Allowance for Diameter :  $\pm 5\%$
- Products of other specification can be supplied in accordance with contract requirement

# FLEXIBLE TINNED COPPER BRAIDS

## STANDARD RATING

SQ		COMPOSITION	WIDE × THICK (inch)	WEIGHT (lb/ft)	CURRENT (Amp)	ROLL (ft/Roll)
mm <sup>2</sup>	in <sup>2</sup>					
0.75	0.0012	16/ 4/ 0.12	0.10×0.02	0.0046	10	5,000
1.25	0.0019	16/ 7/ 0.12	0.12×0.03	0.0080	17	3,000
2	0.0031	24/ 8/ 0.12	0.16×0.04	0.0138	27	1,500
3.5	0.0054	24/ 13/ 0.12	0.20×0.04	0.0225	37	1,500
5.5	0.0085	32/ 15/ 0.12	0.32×0.04	0.0346	49	1,000
8	0.0124	48/ 9/ 0.16	0.55×0.05	0.0553	61	1,000
14	0.0217	48/ 15/ 0.16	0.67×0.06	0.0922	88	600
22	0.0341	48/ 23/ 0.16	0.83×0.08	0.1413	115	400
30	0.0465	48/ 32/ 0.16	1.02×0.10	0.1967	139	300
38	0.0589	48/ 40/ 0.16	1.06×0.10	0.2459	162	300
50	0.0775	48/ 52/ 0.16	1.18×0.12	0.3197	190	150
60	0.0930	52/ 58/ 0.16	1.46×0.11	0.3862	217	150
80	0.1240	52/ 77/ 0.16	1.77×0.12	0.5128	257	100
100	0.1550	52/ 96/ 0.16	2.17×0.18	0.6394	298	100
125	0.1938	52/120/ 0.16	2.17×0.20	0.7993	344	80
150	0.2325	52/144/ 0.16	2.36×0.20	0.9589	395	60

- Permissible allowance for Width & Thickness : ±5%
- Products of other specification can be supplied in accordance with contract requirement

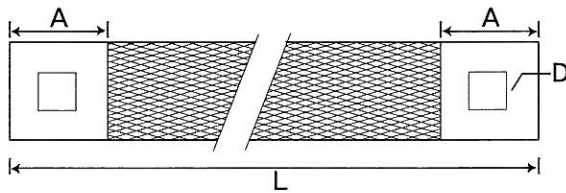
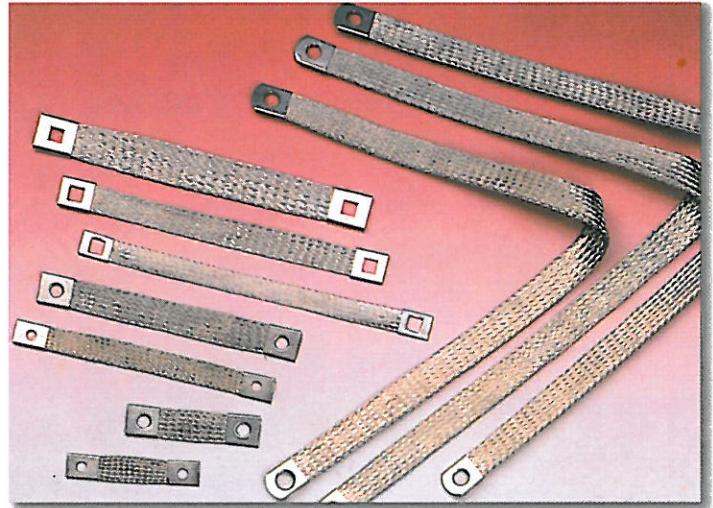
# PREFABRICATED BRAIDS

## SPECIFICATIONS

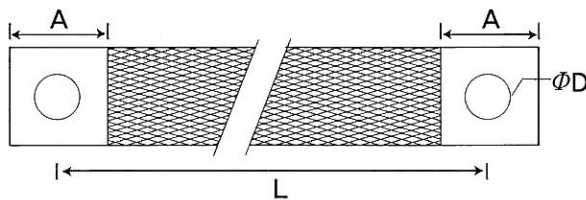
- Electrolytic Tinned Copper
- Standard Diameter : 0.16mm

## APPLICATION

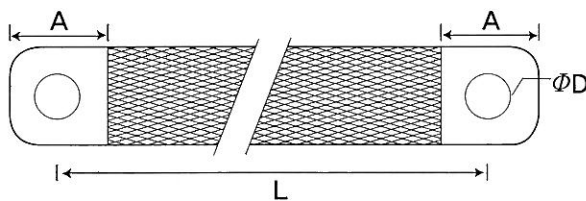
- Earthing for moving parts in panels and distribution boards.
- Equipotential bonding of all conductive materials, cable tray, etc.



SECTION		LENGTH (inch)	D (inch)	A (inch)
mm <sup>2</sup>	in <sup>2</sup>			
14	0.0217	10	0.44×0.44	1
		12		
22	0.0341	10	0.44×0.44	1
		12		
38	0.0589	10	0.44×0.44	1.2
		12		



SECTION		LENGTH (inch)	ΦD (inch)	A (inch)
mm <sup>2</sup>	in <sup>2</sup>			
14	0.0217	4	3/8	1
		6		
22	0.0341	8	1/2	1
		10		
38	0.0589	12	9/16	1.2



SECTION		LENGTH (inch)	ΦD (inch)	A (inch)
mm <sup>2</sup>	in <sup>2</sup>			
22	0.0341	12	5/16	1.1
		20	3/8	
		28	1/2	
38	0.0589	36	9/16	1.2
		40		

- Products of other specification can be supplied in accordance with contract requirement