



BRIDCO HAND SWAGES

The CP range of copper and aluminium sleeves (ferrules) are specifically designed for use with hand crimping tools. The results, when used with the correct tools, properly adjusted, are extremely strong with an even structure of metal surrounding the wire. Copper sleeves are recommended for use on stainless steel wire ropes. For galvanised wire ropes, aluminium sleeves can be used.

Please note that although hand crimping can give excellent results it should not be used on wire used for lifting purposes. Use approved methods only.

STOPPERS

CODE	SUIT WIRE	BEFORE SWAGE DIA	AFTER SWAGE DIA	STARTS SLIPPING (KG)
CP-115S	1.5MM	5.1	3.5	195
CP-130S	3.2MM	6.35	5	340
CP-140S	4.0MM	10.5	6.8	545
CP-150S	5.0MM	10.9	7.5	725

Use normal hand swage tool for crimping stoppers, use the hole one size below the wire size ie: 3mm wire rope use 2mm hole on the tool.

PRESSING PROCEDURE

1. Feed the wire through the ferrule to leave at least one wire diameter in length protruding from ferrule.
2. Beginning at the tail end of the ferrule press along the length of the ferrule using the full width of the plier jaw.
3. Rotate the ferrule 90 degrees and repeat, pressing surplus metal back into the ferrule.
4. Rotate back 90 degrees and repeat the process.

COPPER SLEEVE (NP = NICKEL PLATED)

CODE	FOR WIRE SIZE MM	FOR WIRE SIZE IMP	BORE *1	LENGTH BEFORE SWAGING	BITES PER SLEEVE (MIN) *2
CP-105	1.5	1/16"	4.9	8	2
CP-115P	1.6	1/16"	4.9	8	2
CP-120	2	5/64"	4.9	9	2
CP-115NP	2	5/64"	4.9	9	2
CP-125	2.5	3/32"	6	10	2
CP-125NP	2.5	3/32"	6	10	2
CP-130	3	1/8"	7.3	13	2 – 3
CP-130NP	3	1/8"	7.3	13	2 – 3
CP-140	4	5/32"	9.1	16	2 – 3
CP-140NP	4	5/32"	9.1	16	2 – 3
CP-150	5	3/16"	10.9	18	2 – 3
CP-15NP	5	3/16"	10.9	18	2 – 3
CP-160	6		12.7	20	3
CP-164		1/4"	12.7	20	3
CP-164NP		1/4"	12.7	20	3
CP-180	8	5/16"	17	25	3
CP-180NP	8	5/16"	17	25	3
CP-199	10	3/8"	19	27	3

• 1 BORE = Dia of cavity in the pressing tool or die used for pressing.

* 2 = When using CP hand tool

ALUMINIUM SLEEVES

CODE	FOR WIRE ROPE	BORE	LENGTH BEFORE SWAGING	BITES PER SLEEVE
CP-105A	1.5	4.9	8	2
CP-125A	2.5	6	10	2
CP-132A	3.2 (1/8")	7.3	13	2 – 3
CP-132AS	3.2 (1/8")	7.3	13	2 – 3
CP-135A	3.5 (1/8")	7.3	13	2 – 3
CP-140A	4	9	16	2 – 3
CP-150A	5	10.9	18	2 – 3
CP-160A	6	12.7	20	3

COPPER SLEEVES FOR FIBRE ROPE

CODE	USE TOOL	FOR ROPE	BORE	LTH BEFORE SWAGING	BITES PER SLEEVE
CP-140R	CP-763	4mm	6.9	6	1
CP-160R	CP-775	6mm	9.1	8	1
CP-180R	CP-775	8mm	10.9	8	1
CP-110R	CP-778	10mm	12.8	10	2

NOTE: For best results 2 sleeves should be used for each eye swage when using fibre rope.