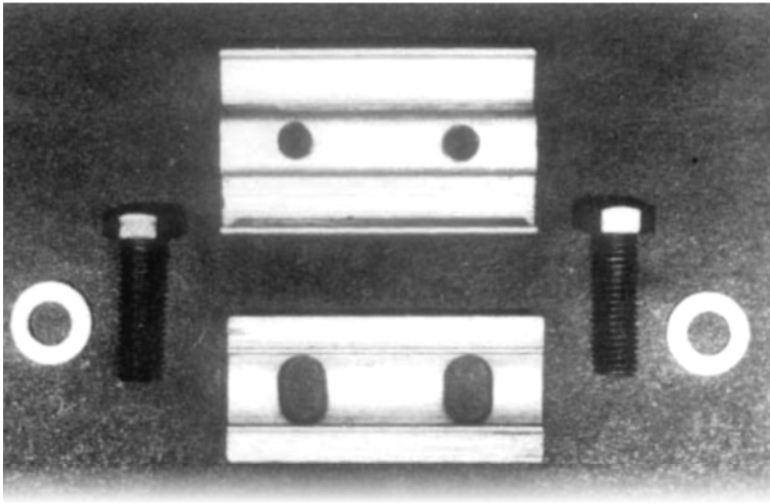


Parallel Groove Clamps



PREFORMED™ Universal Parallel Groove Clamps are designed to accommodate three ranges of conductor diameters, 4.11 – 11.8mm (PG 1646) 3.71 – 14.35 mm (PG 1556) and 6.63 – 18.92mm (PG 2674). Each of these sizes can be supplied in 1, 2 or 3 bolt types and are available as all-aluminium or bi-metal connectors. The catalogue number to quote for say an all-aluminium HORNET/MINK Clamp with 3 bolts is PG 2674 – 3B. If a clamp with similar range for bi-metallic application is needed the catalogue number would be PG 2674 – 3G. For simplicity of recognition, the bolts of an all-aluminium clamp are dyed blue and those of a bi-metallic clamp are dyed gold. All clamps are manufactured of aluminium alloy but the bi-metallic version is a test approved anti-corrosion plated product with a distinctive olive-passivated surface finish.

The current carrying capacity quoted in the schedule is conservative, for instance, a PG 2674 – 3B has been tested at 550A for 3 hours during which the conductor temperature rose to 100°C and that of the clamp to 78°C. The maximum joint resistance was 54 micro ohms. The setscrews and washers used on our clamps are of similar material to the body, thus ensuring that there is equal expansion under all temperature conditions and consequently no tendency to loosen. These fittings are used extensively in South Africa and we are pleased to say users get complete satisfaction. A recommended non-oxide grease must be used with all clamps to minimise corrosion.

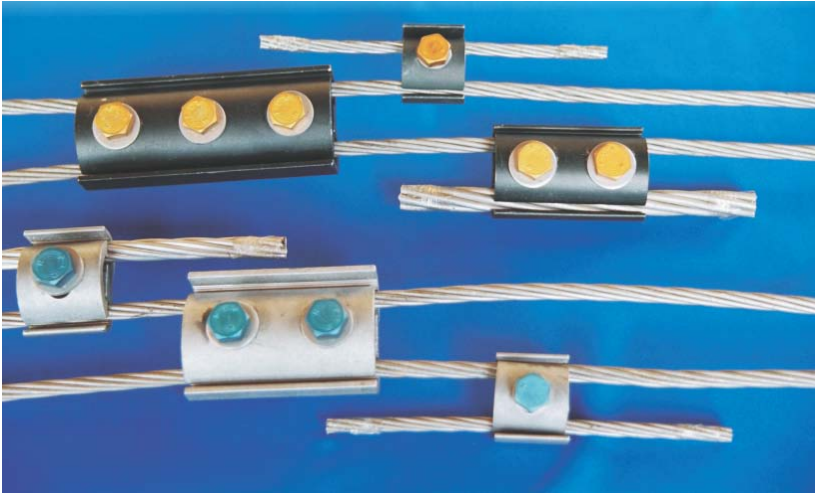
INDEX

D - 60



Copyright 2010 Preformed Line Products • All rights reserved
Telephone: 033 397 5800 • Facsimile: 033 387 7094
Email: plppmb@preformedsa.co.za
Website: www.preformedsa.co.za

Parallel Groove Clamps



CATALOGUE NO.	NO. OF BOLTS	MAIN & TAP DIAMETER RANGE (mm)	CURRENT CAPACITY AMPS
1646 - 1B	1	4.11 - 11.80	300
1646 - 2B	2	4.11 - 11.80	300
1646 - 3B	3	4.11 - 11.80	300
1556 - 1B	1	3.71 - 14.35	350
1556 - 2B	2	3.71 - 14.35	350
1556 - 3B	3	3.71 - 14.35	350
2674 - 1B	1	6.63 - 18.92	490
2674 - 2B	2	6.63 - 18.92	490
2674 - 3B	3	6.63 - 18.92	490
65125 - 3G	3	16.50 - 28.60	1000

Bi-metallic Clamps in similar ranges with gold dyed bolts, Catalogue numbers as above but with suffix 'G' instead of 'B'.

INDEX

D - 61