

STUD WELDING BASICS - ALTERNATIVE FASTENERS

The following summarises the hardware associated with stud welding supplied with the reduced based studs welded by DGC AFRICA.

ALTERNATIVE FASTENERS OPTIONS

Alternative hardware is available upon request and is subject to availability at time of order.

- **Cone Lock-nuts** are available for M10, M12, M16, M20 & M24, as an alternative to Nyloc Nuts.
- **Square Flat Washers (Mild steel)** are available, as an alternative to high tensile and oversized mild steel washers. The table below summarises the options for each bolt diameter.

DESCRIPTION	COATING	NOM. SQUARE (mm)	NOM. T (mm)
SQUARE WASHER - M12	ZINC	50	3
SQUARE WASHER - M12	GAL	50	3
SQUARE WASHER - M12	GAL	50	5
SQUARE WASHER - M12	GAL	65	5
SQUARE WASHER - M16	ZINC	65	5
SQUARE WASHER - M16	GAL	50	3
SQUARE WASHER - M16	GAL	65	5
SQUARE WASHER - M16	GAL	75	5
SQUARE WASHER - M20	GAL	50	5
SQUARE WASHER - M20	GAL	65	5
SQUARE WASHER - M20	GAL	75	6
SQUARE WASHER - M20	GAL	100	6
SQUARE WASHER - M24	GAL	65	5
SQUARE WASHER - M24	GAL	5	5
SQUARE WASHER - M24	GAL	75	8
SQUARE WASHER - M24	GAL	100	10

Z/P
DIN 980
Class 10



METRIC
CONE LOCK
HCL NUT

HDG
HEC
Mild Steel



METRIC
SQUARE

Z/P
AS 2465
Grade 8



UNC
HEX NUT

Oversized round stainless steel washers to suit M16 and M20 available upon request.

Nord-lock washers and Hex Nuts CL8 are available for M10, M12, M16, M20 & M24 stud diameters as an alternative to the Nyloc Nuts and flat washers.

