

UNISTRUT® FITTINGS - FLAT PLATE

MATERIAL

Unless otherwise noted, all fittings are punch press formed from plate or strip steel.

FITTING APPLICATION

All product drawings illustrate only one application of each fitting. In most cases many other applications are possible.

The members shown in the illustrations are P1000®, 41mm square, except where noted otherwise. All 14mm diameter holes use M12 x 24 hex head set screws and M12 nuts - P1010, P4010 or P5510 - depending on the Strut used. Nuts and bolts are not included with the fitting and must be ordered separately.

DESIGN LOAD DATA

Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 2.5.

DESIGN BOLT TORQUE

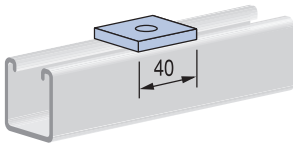
Refer to Engineering Data page 45.

FINISHES

All fittings in this section are available in zinc plated finish to Australian Standard AS1789 and Hot Dipped Galvanised to AS/NS4680.

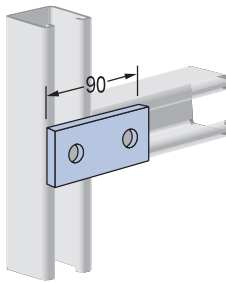
P1062 - P1964

Part No.	Bolt Size	Hole Size	Mass kg/100
P1062	8	9	5.9
P1063	10	12	5.7
P1064	12	14	5.5
P1964	16	18	5.4



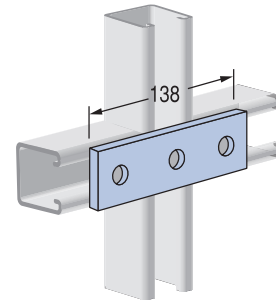
P1065

Mass: 13.4kg/100



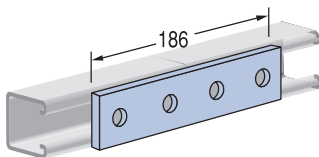
P1066

Mass: 20kg/100



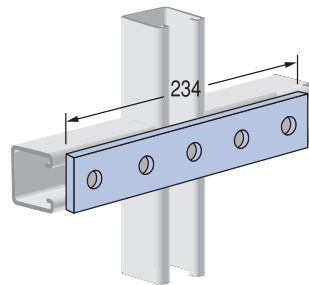
P1067

Mass: 26.7kg/100



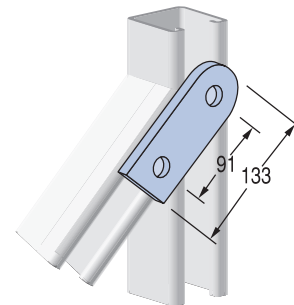
P1941

Mass: 34.2kg/100



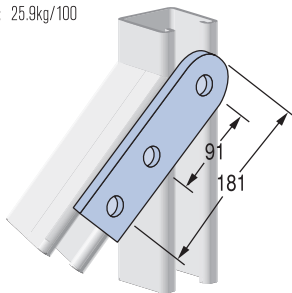
P2325

Mass: 19.2kg/100



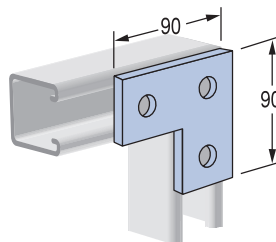
P2324

Mass: 25.9kg/100



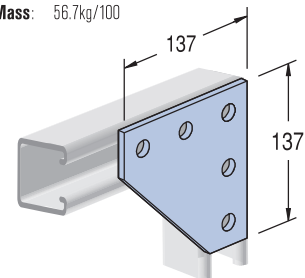
P1036

Mass: 20.9kg/100



P1873

Mass: 56.7kg/100

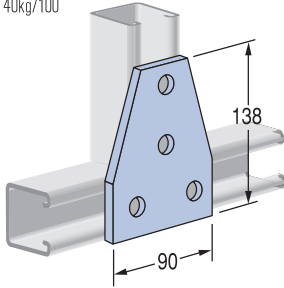


Standard Dimensions for 41mm width series Strut fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 14mm; Hole Spacing - From End: 21mm; Hole Spacing - On Center: 48mm; Width: 40mm

UNISTRUT® FITTINGS - FLAT PLATE & 90° ANGLE

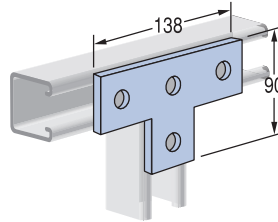
P1358

Mass: 40kg/100



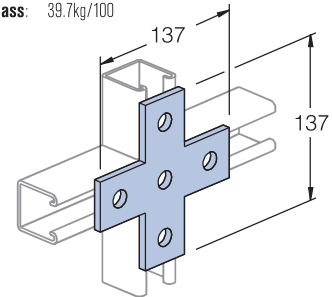
P1031

Mass: 29.2 kg/100



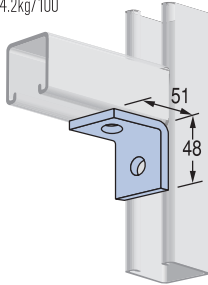
P1028

Mass: 39.7kg/100



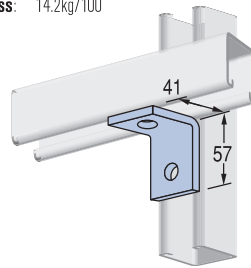
P1026

Mass: 14.2kg/100



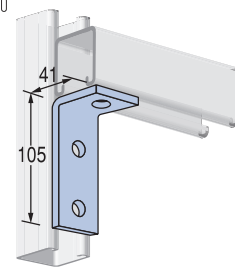
P1068

Mass: 14.2kg/100



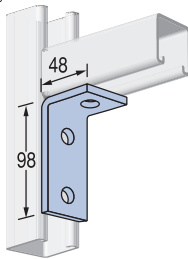
P1326

Mass: 20kg/100



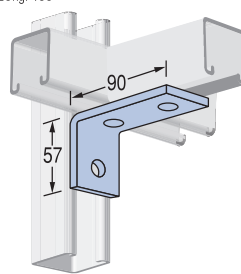
P1346

Mass: 20kg/100



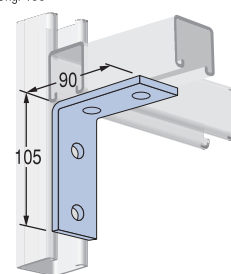
P1458

Mass: 20kg/100



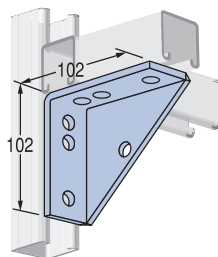
P1325

Mass: 27.5kg/100



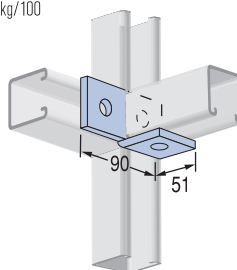
P2484

Mass: 50.9kg/100



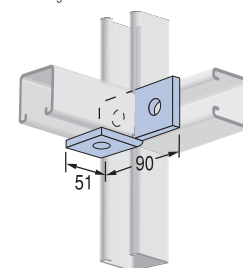
P1037

Mass: 20.9kg/100



P1038

Mass: 20.9kg/100

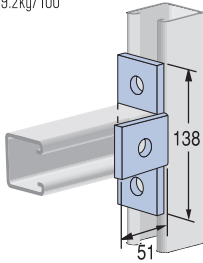


Standard Dimensions for 41mm width series Strut fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 14mm; Hole Spacing - From End: 21mm; Hole Spacing - On Center: 48mm; Width: 40mm

UNISTRUT® FITTINGS - 90°, ANGULAR & "Z" SHAPE

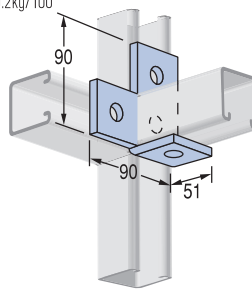
P1033

Mass: 29.2kg/100



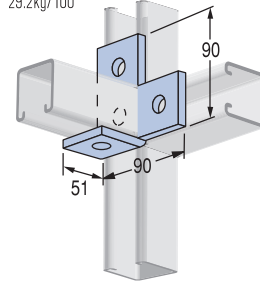
P1034

Mass: 29.2kg/100



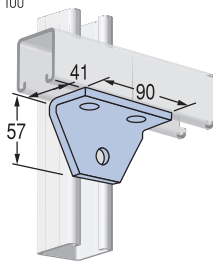
P1035

Mass: 29.2kg/100



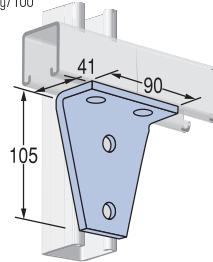
P1357

Mass: 26.7kg/100



P1359

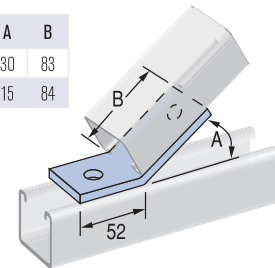
Mass: 40kg/100



P2101 & P2103

Mass: 21.7kg/100

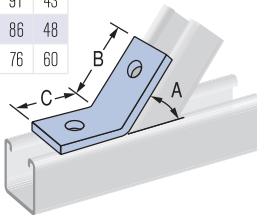
Part No.	A	B
P2101	30	83
P2103	15	84



P1546, P2095, P2097

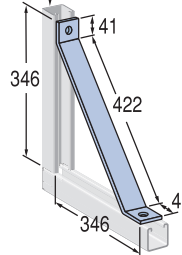
Mass: 21.7kg/100

Part No.	A	B	C
P2095	75	91	43
P2097	60	86	48
P1546	45	76	60



P2452

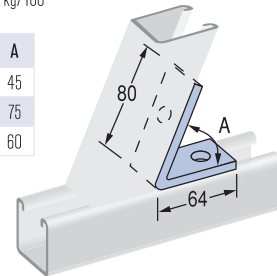
Mass: 85.9kg/100
Design Axial Load - 5.36kN



P1186, P2106, P2108

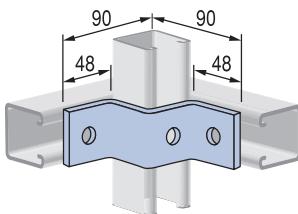
Mass: 21.7kg/100

Part No.	A
P1186	45
P2106	75
P2108	60



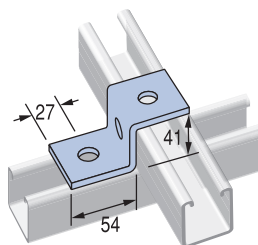
P1736

Mass: 22.5kg/100



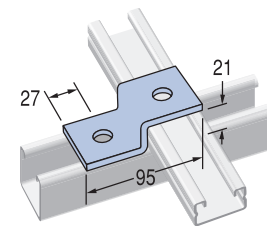
P1045

Mass: 20kg/100



P4045

Mass: 16.7kg/100



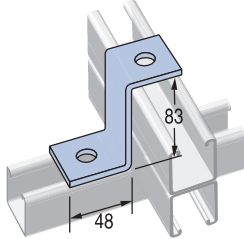
P4000 Shown

Standard Dimensions for 41mm width series Strut fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 14mm; Hole Spacing - From End: 21mm; Hole Spacing - On Center: 48mm; Width: 40mm

UNISTRUT® FITTINGS - "Z", "U" AND WING SHAPE

P1453

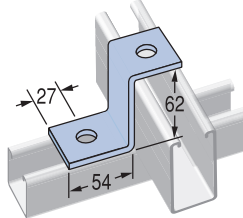
Mass: 25kg/100



P1001 Shown

P5545

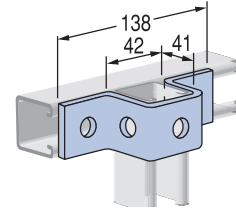
Mass: 24.2kg/100



P1000® and
P5500 Shown

P1047

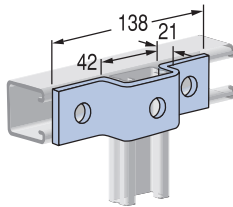
Mass: 30.9kg/100



P1000® Shown

P4047

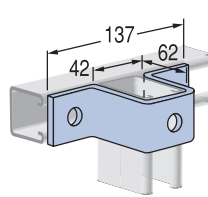
Mass: 25kg/100



P1000® and
P4000 Shown

P5547

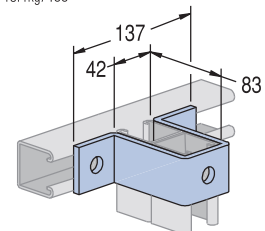
Mass: 39.2kg/100



P1000® and
P5500 Shown

P1737

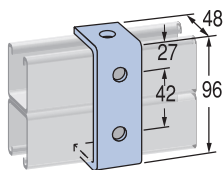
Mass: 48.4kg/100



P1000® (shown),
and P2001

P1044

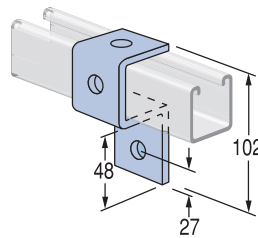
Mass: 25kg/100



P1001 Shown

P1046

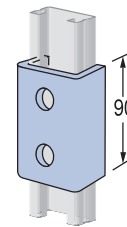
Mass: 29.2kg/100



P1000® Shown

P4376

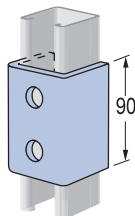
Mass: 31.7kg/100



P4000 Shown

P1376

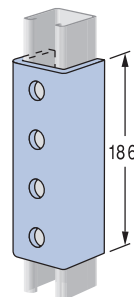
Mass: 46.7kg/100



P1000® Shown

P1377

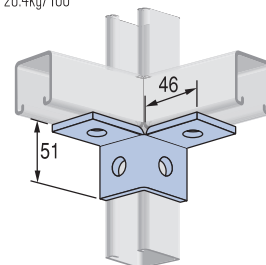
Mass: 95.9kg/100



P1000® Shown

P2223

Mass: 28.4kg/100

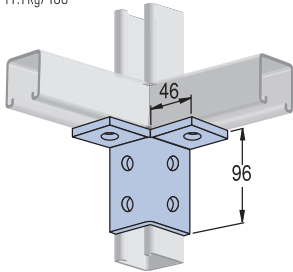


Standard Dimensions for 41mm width series Strut fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 14mm; Hole Spacing - From End: 21mm; Hole Spacing - On Center: 48mm; Width: 40mm

UNISTRUT® FITTINGS - WING SHAPE, POST BASES

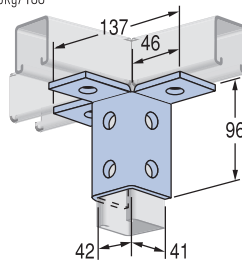
P2224

Mass: 41.7kg/100



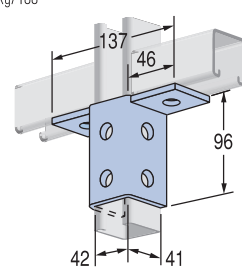
P2228

Mass: 65kg/100



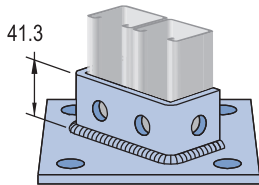
P2346

Mass: 55kg/100

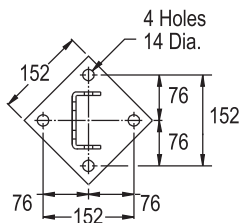


P2073/P2073SQ

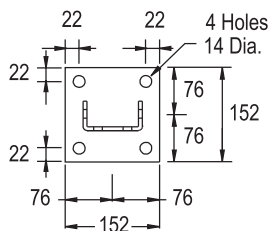
Mass: 116.7kg/100



P1001 Shown



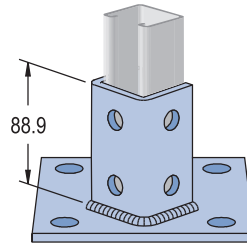
P2073



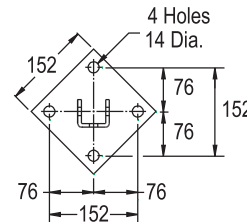
P2073SQ

P2072A/P2072ASQ

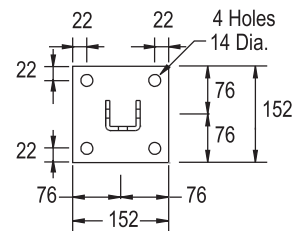
Mass: 136.7kg/100



P1000® Shown



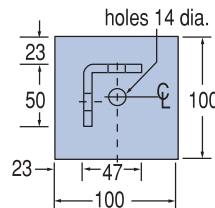
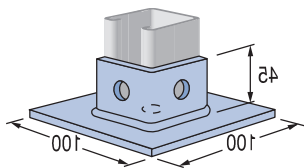
P2072A



P2072ASQ

P2072S1

P1000® Shown



Standard Dimensions for 41mm width series Strut fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 14mm; Hole Spacing - From End: 21mm; Hole Spacing - On Center: 48mm; Width: 40mm