

CONDUCTOR RANGE OF COPPER WEDGTAP CONNECTORS



For conductor combinations that are not listed in page 9 or where the conductor identities are uncertain, use the following procedure to determine which is the most suitable WEDGTAP. See Table 2.

To use Table 2 apply the following steps:

1. Obtain the diameter of each conductor (main & tap) and refer to columns A & B
2. Add the two diameters together and refer to column C
3. Where the conductor dimensions in columns A, B & C line up horizontally, read across for the appropriate WEDGTAP in column D

EXAMPLE

1. Main: 70mm² HDC Diameter: 10.59mm
Tap: 32mm² HDC Diameter: 8.05mm
These individual diameters can be accommodated across a number of rows.
2. Added together the combined diameter is 18.64mm
This brings the options down to one: WG1C-M,
3. Where there is a selection try the smaller one first

TABLE 2								
DIAMETER OF MAIN CONDUCTOR (mm)		DIAMETER OF TAP CONDUCTOR (mm)		COMBINED DIAMETERS (mm)		WEDGTAP CATALOGUE NUMBER		
MIN	A	MAX	MIN	B	MAX	C	D	
4.47		5.67	4.47		5.67	9.05	10.76	WG1C-S
5.00		8.05	5.00		8.05	10.77	13.05	WG2C-S
5.58		8.85	5.58		8.85	12.80	14.83	WG3C-S
5.58		10.59	5.58		10.59	14.84	16.60	WG4C-S
6.58		10.59	6.58		10.59	16.61	17.65	WG5C-S
8.59		10.59	5.00		7.00	15.59	17.59	WG70C-SH
5.10		12.64	5.10		12.64	17.66	18.69	WG1C-M
6.42		12.64	6.42		12.64	18.70	20.09	WG2C-M
7.38		12.64	7.38		12.64	20.00	21.60	WG3C-M
10.59		12.64	10.59		12.64	21.61	24.00	WG4C-M
11.40		12.64	11.40		12.64	24.01	25.30	WG5C-M

WEDGTAP Kits for bi-metal connections, where the tap conductor is aluminium, are also available. Refer to Pages 11 & 12.