



## 12 Tonne Copper Earth Connector Dies - K12 Series

Selecting the correct "C" type earth connector Compression Die is directly related to the style of "C" connector and the sizes of copper earth wire and/or earth rod being connected. Below are the most common types of "C" Connectors and the corresponding 12T Dies.

These connectors are specifically designed for applications requiring corrosion resistant, high current jointing or tapping of buried copper earth grids, or to earth rods in zone substation and for pole and pad mounted transformers, therefore die selection is extremely important. The most common ranges of connectors are typically dimensionally identical in the Australian market.









### Dies for "C" Style Earthing Connectors

12T Die Part No. Die	Cable (mm²)	Tap (mm²)	Connector	
K12-U997	95	70		
	95	95	"C" St. L	
	70	70	"C" Style	
	70	95		



"C" Style \*

# Dies for "E" Style Earthing Connectors

35 $35$ $35$ $50$ $50$ $50$ $50$ $50$ $70$ $50$ $70$ $70$ $70$ $70$ $70$ $70$ $95$ $95$ $95$ $95$ $712$ $70$ $70$ $712$ $120$ $70$ $712$ $70$ $70$ $712$ $70$ $70$ $712$ $70$ $70$ $712$ $70$ $70$ $812$ -UQ $35$ $70$ $70$ $812$ -UQ $35$ $70$ $70$ $812$ -UQ $95$ $120$ $70$ $812$ -UQ $95$ $70$ $70$ $70$ $812$ -UQ $95$ $120$ $70$ $70$ $812$ -UQ $95$ $120$ $70$ $70$ $812$ -UQ $95$ $120$ $70$ $70$	12T Die Part No. Die	Cable (mm²) Tap (mn		mm²)	Connector		
K12-UO $50$ $50$ "E" Style $70$ $50$ $70$ "E" Style $70$ $70$ $70$ $70$ K12-U997 $95$ $120$ "E" Style $70$ $95$ $95$ "E" Style $70$ $95$ $70$ "E" Style $70$ $95$ $70$ "E" Style $70$ $95$ $70$ $70$ K12-U0 $35$ $70$ $70$ K12-U0 $35$ $70$ $70$ K12-U0 $35$ $70$ $70$ K12-U011 $150$ $240$ $10$ $70$ 12T Die Part No. Die       Min       Max       Min       Max         K12-U00 $35$ $70$ $10$ $35$ K12-U997 $95$ $120$ $10$ $70$ K12-U997 $95$ $120$ $10$ $70$ K12-U1011 $150$ $240$ $10$ $70$		3	5	3	5		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		35		5	0		
$7 \cup$ $7 \cup$ $9 \cup$ $12 \cup$ $9 \cup$ $9 \cup$ $9 \cup$ $9 \cup$ $12 \cup$ $12 \cup$ $7 \cup$ $9 \cup$ K12-U0 $3 \cup$ $7 \cup$ K12-U0 $3 \cup$ $7 \cup$ $7 \cup$ K12-U997 $9 \cup$ $12 \cup$ $7 \cup$ K12-U1011 $1 \cup$ $2 \cup$ $7 \cup$ I2T Die Part No. Die       Min       Max       Min       Max       Connector         K12-U997 $9 \cup$ $12 \cup$ $7 \cup$ $7 \cup$ $7 \cup$ K12-U1011 $1 \cup$ $2 \cup$ $7 \cup$ $7 \cup$ $7 \cup$ K12-U1011 $1 \cup$ $2 \cup$ $7 \cup$ $7 \cup$ $7 \cup$ K12-U1011 $1 \cup$ $2 \to$ $7 \cup$ $7 \cup$ $7 \cup$ $7 \cup$ K12-U1011 $1 \cup$ $2 \to$ $7 \cup$ $7 \cup$ $7 \cup$ $7 \cup$ $7 \cup$	K12-UO	50		50		"E" Style	
K12-U99795120959595120120"E" Style709512070120120K12-UC1035K12-UD3570K12-U03570K12-U035120K12-U03570K12-U99795120K12-U101115024012T Die Part No. DieMinMaxMinMaxMinMaxConnectorK12-U997951201070K12-U997951201070K12-U10111502401070		70		5	0		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		7	0	7	0		
120       120         K12-U997 $7$ $95$ K12-UC $12$ $12$ K12-U0 $35$ $70$ $"E" Style         K12-U0       35 70       "E" Style         K12-U0       35 70       "E" Style         K12-U0       35 70 120       "E" Style         K12-U1011       150 240       Max       Max       Connector         K12-U0       35 70 10 35       "E" Style         K12-U0       35 70 10 35       "E" Style         K12-U997       95 120 10 70       "E" Style         K12-U1011       150 240 10 70       "E" Style         K12-U1011       150 240 10 70       "E" Style   $		9	5	12	20		
$ \begin{array}{c c c c c c c } \hline & & & & & & & & & & & & & & & & & & $		9	5	9	25		
120         120         K12-UC       10       35         K12-U0       35       "E" Style         K12-U997       95       120         K12-U1011       150       240         Min       Max       Max       Connector         K12-U1011       70       10       35         K12-U00       35       70       10       35         K12-U997       95       120       10       70       "E" Style         K12-U1011       150       240       10       70       "E" Style         K12-U1011       150       240       10       70       "E" Style         K12-U1011       70       "E" Style       Multi-Fit       "E" Style         K12-U1011       70       "E" Style       Multi-Fit <th>K12-U997</th> <td colspan="2">120</td> <td colspan="2">120</td> <td>"E" Style</td>	K12-U997	120		120		"E" Style	
K12-UC       10       35       70       "E" Style Wide Jaw         K12-U997       95       120       Wide Jaw         K12-U1011       150       240       Connector         K12-U0       35       70       10       35         K12-U1011       150       240       Min       Max       Connector         K12-U0       35       70       10       35       "E" Style Wide Jaw         K12-U0       35       70       10       35       "E" Style Multi-Fit         K12-U1011       150       240       10       70       "E" Style Multi-Fit		70		9	25		
K12-U0         35         70         "E" Style Wide Jaw           K12-U997         95         120         Wide Jaw           K12-U1011         150         240         Max         Max         Connector           12T Die Part No. Die         Min         Max         Min         Max         Connector           K12-U0         35         70         10         35         "E" Style Wide Jaw           K12-U0         35         70         10         35         "E" Style Milti-Fit           K12-U997         95         120         10         70         "E" Style Multi-Fit		70		12	20		
K12-U997         95         120         Wide Jaw           K12-U1011         150         240         Wide Jaw           12T Die Part No. Die         Min         Max         Min         Max           K12-U0         35         70         10         35           K12-U997         95         120         10         70           K12-U1011         150         240         10         70	K12-UC	10		3	5		
K12-U997         95         120         Wide Jaw           K12-U1011         150         240         Connector           12T Die Part No. Die         Min         Max         Min         Max         Connector           K12-U0         35         70         10         35         Fear         Fear           K12-U997         95         120         10         70         "E" Style Multi-Fit           K12-U1011         150         240         10         70         Multi-Fit	K12-U0	35		7	0	"E" Style	
12T Die Part No. Die         Min         Max         Min         Max         Connector           K12-U0         35         70         10         35	K12-U997	95		12	20		
K12-U0         35         70         10         35           K12-U997         95         120         10         70         "E" Style Multi-Fit           K12-U1011         150         240         10         70         Multi-Fit	K12-U1011	150		24	40		
K12-U997         95         120         10         70         "E" Style           150         240         10         70         Multi-Fit	12T Die Part No. Die	Min	Max	Min	Max	Connector	
K12-U1011 150 240 10 70 Multi-Fit	K12-U0	35	70	10	35		
K12-U1011	K12-U997	95	120	10	70	"E" Style	
150 240 95 120		150	240	10	70	Multi-Fit	
	K12-01011	150	240	95	120		



"E" Style\*

#### Dies for "6" Style Earthing Connectors

12T Die Part No. Die	Earth Rod (mm)	Tap (mm²)	Connector
		16	
		25	
		35	
K12-U997	13-15	50	"6" Style
		70	
		95	
		120	



### Corresponding Dies Part No's for "C" Connector Manufacturers

TEN Part No.	Fulton Ind/Burndy Part No.	Cabac Part No.	TE/Dulmison
K12-U1011	U1011	HT130-C1011	
K12-U997	U997	HT130-C997	DU 1315
K12-UC	UC	HT130-CC	
K12-UO	UO	HT130-CO	DUOT

Please Note: This die selection chart is produced as a guide only. Please check with your connector manufacturer for confirmation of die type.

\* Images are a guide only and may not represent actual connector.



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TEN Group\_12T Earth CU Connector Dies-0824

