



## TRANSVERSE WEDGE CONNECTORS (ILD/TWC) FOR TRANSMISSION AND DISTRIBUTION SYSTEM

### KEY FEATURES

- Consistent contact force independent of torque specifications
- Substantial wipe on the conductor to eliminate oxides and other contaminants
- Plentiful elastic range to maintain contact force as the conductor collapses over time

TE Connectivity's (TE) Transverse Wedge Connectors (TWC) represent the second generation of Wedge Pressure Technology developed by the company that introduced it with the AMPACT connector system. The TWC family provides superior wedge performance and reliability with greater conductor range accommodation - without the need for special application tools.

TE's TWC product line has a unique application method. The connector is hooked over both conductors and then closed. As the user tightens the fastener, the interlocking wedges create deflection in the two independent "J" members. Once the wedges bottom out, the "J" members provide consistent contact force regardless of the amount of torque required to close the connector.

There is no torque specification for the TWC product line. Qualified to ANSI Class AA, the TWC does not require special application tooling.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Transverse Wedge Connectors (ILD/TWC)



Qualified to ANSI Class AA.

### PRODUCT SELECTION INFORMATION

Wire Specification	Diameter (mm)	LGJ-35/6 8.16	LGJ-50/8 9.6	LGJ-70/10 11.4	LGJ-70/40 13.6	LGJ-95/15,20 13.6/13.87	
LGJ-35/6	8.16	1710581-1 LL	1710581-2 L	1710581-4 L	1710581-4 L	1710581-4 L	
LGJ-50/8	9.6		1710581-3	1710581-5	1710581-5	1710581-5	
LGJ-70/10	11.4			1710581-6	1710581-6	1710581-6	
LGJ-70/40	13.6			1710581-6	1710581-6	1710581-6	
LGJ-95/15,20	13.6/13.87					1710581-6	
LGJ-120/20,25	15.07/15.74						
LGJ-95/55	16						
LGJ-150/20,25	16.67/17.1						
LGJ-185/25,30	18.9/18.88						
LGJ-240/30,40,55	21.6/21.66						
LJ(TJ)-16	5.10	1710581-1 LL	1710581-2 L	1710581-4 L	1710581-4 L	1710581-4 L	
LJ(TJ)-25	6.45	1710581-1 LL	1710581-2 L	1710581-4 L	1710581-4 L	1710581-4 L	
LJ(TJ)-35	7.50	1710581-1 LL	1710581-2 L	1710581-4 L	1710581-4 L	1710581-4 L	
LJ(TJ)-50	9.00		1710581-3	1710581-5	1710581-5	1710581-5	
LJ(TJ)-70	10.80			1710581-5	1710581-5	1710581-5	
LJ(TJ)-95	12.12					1710581-6	
LJ(TJ)-120	14.25						
LJ(TJ)-150	15.75						
LJ(TJ)-185	17.50						
LJ(TJ)-210	18.80						
LJ(TJ)-240	20.00						
Wire Specification	Diameter (mm)	LGJ-120/20,25 15.07	LGJ-150/20,25 17.1	LGJ-185/25,30 18.9	LGJ-240/30,40,55 21.6	LGJ-300/15 23.01	
LGJ-35/6	8.16	1710582-3 S	1710582-3 S	1710583-5 S	1710583-5 S	1710583-5 S	
LGJ-50/8	9.6	1710582-3 L	1710582-3 L	1710583-5 L	1710583-5 L	1710583-5 L	
LGJ-70/10	11.4	1710582-3 L	1710582-3 L	1710583-6 L	1710583-6 L	1710583-6 L	
LGJ-70/40	13.6	1710582-5	1710582-5	1710583-6 L	1710583-6 L	1710583-6 L	
LGJ-95/15,20	13.6/13.87	1710582-5	1710582-5	1710583-6 L	1710583-6 L	1710583-6 L	
LGJ-120/20,25	15.07/15.74	1710582-5	1710582-5	1710583-8	1710583-8	1710583-8	
LGJ-95/55	16		1710582-5	1710583-8	1710583-8	1710583-8	
LGJ-150/20,25	16.67/17.1		1710582-5	1710583-8	1710583-8	1710583-8	
LGJ-185/25,30	18.9/18.88			1710583-8	1710583-8	1710583-8	
LGJ-240/30,40,55	21.6/21.66					1710583-9	
LJ(TJ)-16	5.10	1710582-4 S	1710582-4 S	1710583-5 S	1710583-5 S	1710583-5 S	
LJ(TJ)-25	6.45	1710582-4 S	1710582-4 S	1710583-5 S	1710583-5 S	1710583-5 S	
LJ(TJ)-35	7.50	1710582-4 S	1710582-4 S	1710583-5 S	1710583-5 S	1710583-5 S	
LJ(TJ)-50	9.00	1710582-3 L	1710582-3 L	1710583-5 L	1710583-5 L	1710583-5 L	
LJ(TJ)-70	10.80	1710582-3 L	1710582-3 L	1710583-5 L	1710583-5 L	1710583-5 L	
LJ(TJ)-95	12.12	1710582-4 L	1710582-4 L	1710583-6 L	1710583-6 L	1710583-6 L	
LJ(TJ)-120	14.25	1710582-5	1710582-5	1710583-6 L	1710583-6 L	1710583-6 L	
LJ(TJ)-150	15.75		1710582-5	1710583-8	1710583-8	1710583-8	
LJ(TJ)-185	17.50			1710583-8	1710583-8	1710583-8	
LJ(TJ)-210	18.80					1710583-8	
LJ(TJ)-240	20.00					1710583-9	
Wire Specification	Diameter (mm)	LGJ-300/15 23.01	LGJ-300/20 23.43	LGJ-300/25 23.76	LGJ-300/40 23.94	LGJ-300/50 24.46	LGJ-300/70 25.2
LGJ-35/6	8.16	1-1710583-0 S	1-1710583-0 S	1-1710583-0 S	1-1710583-0 S	1-1710583-0 S	1-1710583-0 S
LGJ-50/8	9.6	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L
LGJ-70/10	11.4	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L	1-1710583-0 L
LGJ-70/40	13.6	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L
LGJ-95/15,20	13.6/13.87	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L	1-1710583-1 L
LGJ-120/20,25	15.07/15.74	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3
LGJ-95/55	16	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3
LGJ-150/20,25	16.67/17.1	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3
LGJ-185/25,30	18.9/18.88	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3	1-1710583-3
LGJ-240/30,40,55	21.6/21.66	1-1710583-4	1-1710583-4	1-1710583-4	1-1710583-4	1-1710583-4	1-1710583-4
LGJ-240/55	22.4	1-1710583-4	1-1710583-4	1-1710583-4	1-1710583-4	1-1710583-4	1-1710583-4
LGJ-300/15	23.0	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5
LGJ-300/20	23.43	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5
LGJ-300/25	23.76	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5
LGJ-300/40	23.94	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5
LGJ-300/50	24.46	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5
LGJ-300/70	25.2	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5	1-1710583-5

Note: L = big trough, S = small trough

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