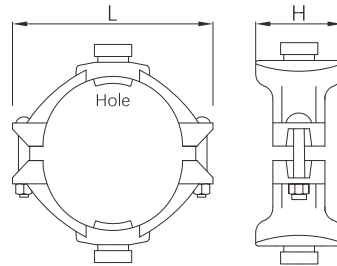


# Mechanical cross with grooved branches



- Certificate: UL Listed / FM Approved
- Standard: ANSI / UL 213
- Housing: Ductile iron ASTM A536, 65-45-12
- Bolt & nut: Carbon steel, detail as G92 ~ G96
- Gasket: EPDM, nitrile, silicone rubber, etc.
- Rated pressure: 300 ~ 500 psi
- Surface: Red painting / hot dip galvanized



## Available size

Size			Hole mm	Dimension (mm)		Bolting (n x bolt size)		Ref. No.
Inch	DN	mm		L	H	ANSI	EN	
2"x 1-1/4"	50 x 32	60.3 x 42.4	45	116	76	2 - 3/8" x 55	2 - M10 x 57	G7801 (UL/FM)
2"x 1-1/2"	50 x 40	60.3 x 48.3	45	116	76	2 - 3/8" x 55	2 - M10 x 57	G7802 (UL/FM)
2-1/2" x 1"	65 x 25	76.1 x 33.7	38	137	71	2 - 1/2" x 70	2 - M12 x 70	G7803 (ISO)
2-1/2" x 1-1/4"	65 x 32	73.0 x 42.4	51	144	84.5	2 - 1/2" x 70	2 - M12 x 70	G7804 (UL/FM)
2-1/2" x 1-1/4"	65 x 32	76.1 x 42.4	51	137	84.5	2 - 1/2" x 70	2 - M12 x 70	G7805 (UL/FM)
3" x 1"	80 x 25	88.9 x 33.7	38	152	72.5	2 - 1/2" x 75	2 - M12 x 76	G7806 (ISO)
3" x 1-1/4"	80 x 32	88.9 x 42.4	51	152	85.5	2 - 1/2" x 75	2 - M12 x 76	G7807 (UL/FM)
3" x 1-1/2"	80 x 40	88.9 x 48.3	51	152	85.5	2 - 1/2" x 75	2 - M12 x 76	G7808 (UL/FM)
3" x 2"	80 x 50	88.9 x 60.3	64	152	98	2 - 1/2" x 75	2 - M12 x 76	G7809 (FM)
4" x 1"	100 x 25	114.3 x 33.7	38	188	78.4	2 - 1/2" x 75	2 - M12 x 76	G7810 (ISO)
4" x 1-1/4"	100 x 32	114.3 x 42.4	51	188	89	2 - 1/2" x 75	2 - M12 x 76	G7811 (UL/FM)
4" x 1-1/2"	100 x 40	114.3 x 48.3	51	188	89	2 - 1/2" x 75	2 - M12 x 76	G7812 (UL/FM)
4" x 2"	100 x 50	114.3 x 60.3	64	188	104.5	2 - 1/2" x 75	2 - M12 x 76	G7813 (UL/FM)
4" x 2-1/2"	100 x 65	114.3 x 76.1	70	188	104.5	2 - 1/2" x 75	2 - M12 x 76	G7814 (FM)
4" x 3"	100 x 80	114.3 x 88.9	89	188	128	2 - 1/2" x 75	2 - M12 x 76	G7815 (UL/FM)

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Size			Hole	Dimension (mm)		Bolting (n x bolt size)		Ref. No.
Inch	DN	mm	mm	L	H	ANSI	EN	
5" x 2"	125 x 50	139.7 x 60.3	64	221.5	112.5	2 - 5/8" x 85	2 - M16 x 85	G7816 (UL/FM)
5" x 2-1/2"	125 x 65	139.7 x 76.1	70	221.5	112.5	2 - 5/8" x 85	2 - M16 x 85	G7817 (ISO)
5" x 3"	125 x 80	139.7 x 88.9	89	221.5	132	2 - 5/8" x 85	2 - M16 x 85	G7818 (FM)
5" x 4"	125 x 100	139.7 x 114.3	114	221.5	160	2 - 5/8" x 85	2 - M16 x 85	G7819 (ISO)
6" x 2"	150 x 50	165.1 x 60.3	64	244	112.5	2 - 5/8" x 105	2 - M16 x 108	G7820 (UL/FM)
6" x 2-1/2"	150 x 65	165.1 x 76.1	70	244	112.5	2 - 5/8" x 105	2 - M16 x 108	G7821 (ISO)
6" x 3"	150 x 80	165.1 x 88.9	89	244	132	2 - 5/8" x 105	2 - M16 x 108	G7822 (UL/FM)
6" x 4"	150 x 100	165.1 x 114.3	114	244	154	2 - 5/8" x 105	2 - M16 x 108	G7823 (UL/FM)
6" x 1-1/2"	150 x 40	168.3 x 48.3	51	247	95	2 - 5/8" x 105	2 - M16 x 108	G7824 (UL/FM)
6" x 2"	150 x 50	168.3 x 60.3	64	247	114	2 - 5/8" x 105	2 - M16 x 108	G7825 (UL/FM)
6" x 2-1/2"	150 x 65	168.3 x 73.0	70	247	115	2 - 5/8" x 105	2 - M16 x 108	G7826 (UL/FM)
6" x 3"	150 x 80	168.3 x 88.9	89	247	132	2 - 5/8" x 105	2 - M16 x 108	G7827 (UL/FM)
8" x 2"	200 x 50	219.1 x 60.3	64	320	118	2 - 3/4" x 115	2 - M20 x 115	G7828 (ISO)
8" x 2-1/2"	200 x 65	219.1 x 76.1	70	320	118	2 - 3/4" x 115	2 - M20 x 115	G7829 (ISO)
8" x 3"	200 x 80	219.1 x 88.9	89	320	136.5	2 - 3/4" x 115	2 - M20 x 115	G7830 (ISO)
8" x 4"	200 x 100	219.1 x 114.3	114	320	162	2 - 3/4" x 115	2 - M20 x 115	G7831 (ISO)
10" x 2-1/2"	250 x 65	273.0 x 76.1	70	376	118	2 - 3/4" x 115	2 - M20 x 115	G7832 (ISO)
10" x 3"	250 x 80	273.0 x 88.9	89	376	136.5	2 - 3/4" x 115	2 - M20 x 115	G7833 (ISO)
10" x 4"	250 x 100	273.0 x 114.3	114	376	164	2 - 3/4" x 115	2 - M20 x 115	G7834 (ISO)