

BXUV.X854

Structural Columns - Re-entrant Profiles

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
L	L2-1/2X1-1/2X1/4	0.399	1	2	2 15/16	NR
L	L2X2X1/4	0.399	1	2	2 15/16	NR
L	L2-1/2X2X1/4	0.402	1	1 15/16	2 15/16	3 7/8
L	L3-1/2X2-1/2X1/4	0.408	1	1 15/16	2 15/16	3 7/8
L	L3X3X1/4	0.408	1	1 15/16	2 15/16	3 7/8
L	L3X2-1/2X1/4	0.409	1	1 15/16	2 15/16	3 7/8
L	L3X2X1/4	0.410	1	1 15/16	2 15/16	3 7/8
L	L2-1/2X2-1/2X1/4	0.410	1	1 15/16	2 15/16	3 7/8
L	L5X3-1/2X1/4	0.412	1	1 15/16	2 15/16	3 7/8
L	L5X3X1/4	0.413	1	1 15/16	2 15/16	3 7/8
L	L4X4X1/4	0.413	1	1 15/16	2 15/16	3 7/8
L	L4X3-1/2X1/4	0.413	1	1 15/16	2 7/8	3 7/8
L	L4X3X1/4	0.414	1	1 15/16	2 7/8	3 7/8
L	L3-1/2X3-1/2X1/4	0.414	1	1 15/16	2 7/8	3 7/8
L	L3-1/2X3X1/4	0.415	1	1 15/16	2 7/8	3 7/8
L	L2X2X5/16	0.490	15/16	1 13/16	2 11/16	3 9/16
L	L3X2X5/16	0.500	15/16	1 13/16	2 11/16	3 9/16
L	L2-1/2X2-1/2X5/16	0.500	15/16	1 13/16	2 11/16	3 9/16
L	L2-1/2X2X5/16	0.500	15/16	1 13/16	2 11/16	3 9/16
L	L3-1/2X3X5/16	0.508	7/8	1 3/4	2 5/8	3 1/2
L	L3-1/2X2-1/2X5/16	0.508	7/8	1 3/4	2 5/8	3 1/2
L	L3X3X5/16	0.508	7/8	1 3/4	2 5/8	3 1/2
L	L3X2-1/2X5/16	0.509	7/8	1 3/4	2 5/8	3 1/2
L	L5X3-1/2X5/16	0.512	7/8	1 3/4	2 5/8	3 1/2
L	L5X3X5/16	0.513	7/8	1 3/4	2 5/8	3 1/2
L	L4X4X5/16	0.513	7/8	1 3/4	2 5/8	3 1/2
L	L4X3-1/2X5/16	0.513	7/8	1 3/4	2 5/8	3 1/2
L	L4X3X5/16	0.514	7/8	1 3/4	2 5/8	3 1/2
L	L3-1/2X3-1/2X5/16	0.514	7/8	1 3/4	2 5/8	3 1/2
L	L6X4X5/16	0.515	7/8	1 3/4	2 5/8	3 1/2
L	L5X5X5/16	0.515	7/8	1 3/4	2 5/8	3 1/2
L	L6X3-1/2X5/16	0.516	7/8	1 3/4	2 5/8	3 1/2
L	L6X6X5/16	0.517	7/8	1 3/4	2 5/8	3 1/2
L	L2X2X3/8	0.588	7/8	1 11/16	2 1/2	3 5/16
L	L2-1/2X2X3/8	0.589	7/8	1 11/16	2 1/2	3 5/16
L	L3X2X3/8	0.590	7/8	1 11/16	2 1/2	3 5/16
L	L2-1/2X2-1/2X3/8	0.590	7/8	1 11/16	2 1/2	3 5/16
L	L3-1/2X2-1/2X3/8	0.600	13/16	1 5/8	2 7/16	3 1/4
L	L3X3X3/8	0.600	13/16	1 5/8	2 7/16	3 1/4
L	L3X2-1/2X3/8	0.600	13/16	1 5/8	2 7/16	3 1/4
L	L4X3-1/2X3/8	0.607	13/16	1 5/8	2 7/16	3 1/4
L	L4X3X3/8	0.607	13/16	1 5/8	2 7/16	3 1/4
L	L3-1/2X3-1/2X3/8	0.607	13/16	1 5/8	2 7/16	3 1/4
L	L3-1/2X3X3/8	0.608	13/16	1 5/8	2 7/16	3 1/4
L	L5X3-1/2X3/8	0.612	13/16	1 5/8	2 7/16	3 1/4
L	L5X3X3/8	0.613	13/16	1 5/8	2 7/16	3 1/4
L	L4X4X3/8	0.613	13/16	1 5/8	2 7/16	3 1/4
L	L6X4X3/8	0.615	13/16	1 5/8	2 7/16	3 3/16
L	L5X5X3/8	0.615	13/16	1 5/8	2 7/16	3 3/16

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
L	L6X3-1/2X3/8	0.616	13/16	1 5/8	2 7/16	3 3/16
L	L7X4X3/8	0.618	13/16	1 5/8	2 7/16	3 3/16
L	L6X6X3/8	0.621	13/16	1 5/8	2 7/16	3 3/16
L	L3X2-1/2X7/16	0.691	3/4	1 1/2	2 1/4	3
L	L3X3X7/16	0.692	3/4	1 1/2	2 1/4	3
L	L3-1/2X3X7/16	0.700	3/4	1 1/2	2 1/4	3
L	L3-1/2X3-1/2X7/16	0.700	3/4	1 1/2	2 1/4	3
L	L5X3X7/16	0.706	3/4	1 1/2	2 1/4	3
L	L4X4X7/16	0.706	3/4	1 1/2	2 1/4	3
L	L7X4X7/16	0.714	3/4	1 1/2	2 1/4	3
L	L6X4X7/16	0.715	3/4	1 1/2	2 1/4	3
L	L5X5X7/16	0.715	3/4	1 1/2	2 1/4	3
L	L8X4X7/16	0.717	3/4	1 1/2	2 1/4	2 15/16
L	L6X6X7/16	0.717	3/4	1 1/2	2 1/4	2 15/16
L	L8X6X7/16	0.721	3/4	1 1/2	2 1/4	2 15/16
L	L3X2X1/2	0.770	3/4	1 7/16	2 1/8	2 7/8
L	L2-1/2X2-1/2X1/2	0.770	3/4	1 7/16	2 1/8	2 7/8
L	L3X2-1/2X1/2	0.773	3/4	1 7/16	2 1/8	2 7/8
L	L3-1/2X2-1/2X1/2	0.783	3/4	1 7/16	2 1/8	2 13/16
L	L3X3X1/2	0.783	3/4	1 7/16	2 1/8	2 13/16
L	L3-1/2X3X1/2	0.785	3/4	1 7/16	2 1/8	2 13/16
L	L4X3X1/2	0.793	3/4	1 7/16	2 1/8	2 13/16
L	L3-1/2X3-1/2X1/2	0.793	3/4	1 7/16	2 1/8	2 13/16
L	L4X3-1/2X1/2	0.793	3/4	1 7/16	2 1/8	2 13/16
L	L5X3-1/2X1/2	0.800	3/4	1 7/16	2 1/8	2 13/16
L	L5X3X1/2	0.800	3/4	1 7/16	2 1/8	2 13/16
L	L4X4X1/2	0.800	3/4	1 7/16	2 1/8	2 13/16
L	L6X3-1/2X1/2	0.805	11/16	1 3/8	2 1/16	2 3/4
L	L6X4X1/2	0.810	11/16	1 3/8	2 1/16	2 3/4
L	L5X5X1/2	0.810	11/16	1 3/8	2 1/16	2 3/4
L	L7X4X1/2	0.814	11/16	1 3/8	2 1/16	2 3/4
L	L8X4X1/2	0.817	11/16	1 3/8	2 1/16	2 3/4
L	L6X6X1/2	0.817	11/16	1 3/8	2 1/16	2 3/4
L	L8X6X1/2	0.821	11/16	1 3/8	2 1/16	2 3/4
L	L8X8X1/2	0.825	11/16	1 3/8	2 1/16	2 3/4
L	L6X4X9/16	0.905	11/16	1 5/16	1 15/16	2 5/8
L	L8X4X9/16	0.913	11/16	1 5/16	1 15/16	2 9/16
L	L6X6X9/16	0.913	11/16	1 5/16	1 15/16	2 9/16
L	L8X6X9/16	0.918	11/16	1 5/16	1 15/16	2 9/16
L	L8X8X9/16	0.925	11/16	1 5/16	1 15/16	2 9/16
L	L4X3X5/8	0.971	5/8	1 1/4	1 7/8	2 1/2
L	L4X4X5/8	0.981	5/8	1 1/4	1 7/8	2 1/2
L	L5X3-1/2X5/8	0.988	5/8	1 1/4	1 7/8	2 7/16
L	L6X4X5/8	1.000	5/8	1 1/4	1 13/16	2 7/16
L	L5X5X5/8	1.000	5/8	1 1/4	1 13/16	2 7/16
L	L7X4X5/8	1.005	5/8	1 1/4	1 13/16	2 7/16
L	L8X4X5/8	1.008	5/8	1 1/4	1 13/16	2 7/16
L	L6X6X5/8	1.008	5/8	1 1/4	1 13/16	2 7/16
L	L8X6X5/8	1.018	5/8	1 1/4	1 13/16	2 7/16

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Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
L	L8X8X5/8	1.022	5/8	1 1/4	1 13/16	2 7/16
L	L4X4X3/4	1.156	9/16	1 1/8	1 11/16	2 1/4
L	L5X3-1/2X3/4	1.165	9/16	1 1/8	1 11/16	2 3/16
L	L6X4X3/4	1.180	9/16	1 1/8	1 5/8	2 3/16
L	L5X5X3/4	1.180	9/16	1 1/8	1 5/8	2 3/16
L	L7X4X3/4	1.191	9/16	1 1/8	1 5/8	2 3/16
L	L8X4X3/4	1.196	9/16	1 1/8	1 5/8	2 3/16
L	L6X6X3/4	1.196	9/16	1 1/8	1 5/8	2 3/16
L	L8X6X3/4	1.207	9/16	1 1/8	1 5/8	2 3/16
L	L8X8X3/4	1.216	9/16	1 1/16	1 5/8	2 1/8
L	L10X10X3/4	1.228	9/16	1 1/16	1 5/8	2 1/8
L	L6X4X7/8	1.360	1/2	1	1 1/2	2
L	L5X5X7/8	1.360	1/2	1	1 1/2	2
L	L8X4X7/8	1.379	1/2	1	1 1/2	2
L	L6X6X7/8	1.379	1/2	1	1 1/2	2
L	L8X6X7/8	1.396	1/2	1	1 1/2	1 15/16
L	L8X8X7/8	1.406	1/2	1	1 1/2	1 15/16
L	L10X10X7/8	1.423	1/2	1	1 7/16	1 15/16
L	L8X4X1	1.558	1/2	15/16	1 3/8	1 13/16
L	L6X6X1	1.558	1/2	15/16	1 3/8	1 13/16
L	L8X6X1	1.579	1/2	15/16	1 3/8	1 13/16
L	L8X8X1	1.594	1/2	15/16	1 3/8	1 13/16
L	L10X10X1	1.618	7/16	7/8	1 5/16	1 3/4
L	L12X12X1	1.621	7/16	7/8	1 5/16	1 3/4
L	L8X8X1-1/8	1.778	7/16	13/16	1 1/4	1 5/8
L	L10X10X1-1/8	1.808	7/16	13/16	1 1/4	1 5/8
L	L12X12X1-1/8	1.817	7/16	13/16	1 1/4	1 5/8
L	L10X10X1-1/4	1.998	3/8	3/4	1 1/8	1 1/2
L	L12X12X1-1/4	2.008	3/8	3/4	1 1/8	1 1/2
L	L10X10X1-3/8	2.178	3/8	3/4	1 1/16	1 7/16
L	L12X12X1-3/8	2.188	3/8	3/4	1 1/16	1 7/16
2L	2L2X2X3/16	0.407	1	1 15/16	2 15/16	3 7/8
2L	2L2-1/2X2-1/2X3/16	0.409	1	1 15/16	2 15/16	3 7/8
2L	2L3X3X3/16	0.412	1	1 15/16	2 15/16	3 7/8
2L	2L2X2X1/4	0.532	7/8	1 3/4	2 5/8	3 7/16
2L	2L2-1/2X2-1/2X1/4	0.547	7/8	1 3/4	2 9/16	3 7/16
2L	2L3X3X1/4	0.544	7/8	1 3/4	2 9/16	3 7/16
2L	2L4X4X1/4	0.550	7/8	1 11/16	2 9/16	3 3/8
2L	2L3-1/2X3-1/2X1/4	0.552	7/8	1 11/16	2 9/16	3 3/8
2L	2L2X2X5/16	0.653	13/16	1 9/16	2 3/8	3 1/8
2L	2L2-1/2X2-1/2X5/16	0.667	13/16	1 9/16	2 5/16	3 1/16
2L	2L3X3X5/16	0.678	13/16	1 9/16	2 5/16	3 1/16
2L	2L3-1/2X3-1/2X5/16	0.686	13/16	1 9/16	2 5/16	3 1/16
2L	2L4X4X5/16	0.683	13/16	1 9/16	2 5/16	3 1/16
2L	2L5X5X5/16	0.687	13/16	1 9/16	2 5/16	3 1/16
2L	2L6X6X5/16	0.689	3/4	1 1/2	2 1/4	3
2L	2L2X2X3/8	0.783	3/4	1 7/16	2 1/8	2 13/16
2L	2L2-1/2X2-1/2X3/8	0.787	3/4	1 7/16	2 1/8	2 13/16
2L	2L3X3X3/8	0.800	3/4	1 7/16	2 1/8	2 13/16

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Structural Columns - Re-entrant Profiles

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Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
2L	2L3-1/2X3-1/2X3/8	0.810	11/16	1 3/8	2 1/16	2 3/4
2L	2L4X4X3/8	0.817	11/16	1 3/8	2 1/16	2 3/4
2L	2L5X5X3/8	0.820	11/16	1 3/8	2 1/16	2 3/4
2L	2L6X6X3/8	0.828	11/16	1 3/8	2 1/16	2 3/4
2L	2L3X3X7/16	0.922	11/16	1 5/16	1 15/16	2 9/16
2L	2L3-1/2X3-1/2X7/16	0.933	11/16	1 5/16	1 15/16	2 9/16
2L	2L4X4X7/16	0.942	11/16	1 5/16	1 15/16	2 9/16
2L	2L5X5X7/16	0.953	5/8	1 1/4	1 7/8	2 1/2
2L	2L6X6X7/16	0.956	5/8	1 1/4	1 7/8	2 1/2
2L	2L2-1/2X2-1/2X1/2	1.027	5/8	1 3/16	1 13/16	2 3/8
2L	2L3X3X1/2	1.044	5/8	1 3/16	1 13/16	2 3/8
2L	2L3-1/2X3-1/2X1/2	1.057	5/8	1 3/16	1 3/4	2 3/8
2L	2L4X4X1/2	1.067	5/8	1 3/16	1 3/4	2 5/16
2L	2L5X5X1/2	1.080	5/8	1 3/16	1 3/4	2 5/16
2L	2L6X6X1/2	1.089	5/8	1 3/16	1 3/4	2 5/16
2L	2L8X8X1/2	1.100	5/8	1 3/16	1 3/4	2 5/16
2L	2L6X6X9/16	1.217	9/16	1 1/16	1 5/8	2 1/8
2L	2L8X8X9/16	1.233	9/16	1 1/16	1 5/8	2 1/8
2L	2L4X4X5/8	1.308	9/16	1 1/16	1 9/16	2 1/16
2L	2L5X5X5/8	1.333	1/2	1	1 1/2	2
2L	2L6X6X5/8	1.344	1/2	1	1 1/2	2
2L	2L8X8X5/8	1.363	1/2	1	1 1/2	2
2L	2L4X4X3/4	1.542	1/2	15/16	1 3/8	1 13/16
2L	2L5X5X3/4	1.573	1/2	15/16	1 3/8	1 13/16
2L	2L6X6X3/4	1.594	1/2	15/16	1 3/8	1 13/16
2L	2L8X8X3/4	1.621	7/16	7/8	1 5/16	1 3/4
2L	2L10X10X3/4	1.637	7/16	7/8	1 5/16	1 3/4
2L	2L5X5X7/8	1.813	7/16	13/16	1 1/4	1 5/8
2L	2L6X6X7/8	1.839	7/16	13/16	1 3/16	1 5/8
2L	2L8X8X7/8	1.875	7/16	13/16	1 3/16	1 9/16
2L	2L10X10X7/8	1.900	7/16	13/16	1 3/16	1 9/16
2L	2L6X6X1	2.078	3/8	3/4	1 1/8	1 7/16
2L	2L8X8X1	2.125	3/8	3/4	1 1/16	1 7/16
2L	2L10X10X1	2.150	3/8	3/4	1 1/16	1 7/16
2L	2L12X12X1	2.167	3/8	3/4	1 1/16	1 7/16
2L	2L8X8X1-1/8	2.375	3/8	11/16	1	1 5/16
2L	2L10X10X1-1/8	2.417	3/8	11/16	1	1 5/16
2L	2L12X12X1-1/8	2.417	3/8	11/16	1	1 5/16
2L	2L10X10X1-1/4	2.667	5/16	5/8	15/16	1 3/16
2L	2L12X12X1-1/4	2.681	5/16	5/8	15/16	1 3/16
2L	2L10X10X1-3/8	2.900	5/16	9/16	7/8	1 1/8
2L	2L12X12X1-3/8	2.917	5/16	9/16	7/8	1 1/8
C	C3X4.1	0.363	1 1/16	2 1/16	3 1/16	NR
C	C4X5.4	0.387	1	2	3	NR
C	C5X6.7	0.403	1	1 15/16	2 15/16	3 7/8
C	C6X8.2	0.425	1	1 15/16	2 7/8	3 13/16
C	C3X5	0.435	15/16	1 7/8	2 13/16	3 3/4
C	C4X6.25	0.443	15/16	1 7/8	2 13/16	3 3/4
C	C7X9.8	0.447	15/16	1 7/8	2 13/16	3 3/4

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Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
C	C8X11.5	0.467	15/16	1 7/8	2 3/4	3 11/16
C	C9X13.4	0.492	15/16	1 13/16	2 11/16	3 9/16
C	C4X7.25	0.509	7/8	1 3/4	2 5/8	3 1/2
C	C10X15.3	0.511	7/8	1 3/4	2 5/8	3 1/2
C	C3X6	0.513	7/8	1 3/4	2 5/8	3 1/2
C	C5X9	0.532	7/8	1 3/4	2 5/8	3 7/16
C	C6X10.5	0.539	7/8	1 3/4	2 9/16	3 7/16
C	C9X15	0.548	7/8	1 3/4	2 9/16	3 7/16
C	C7X12.25	0.553	7/8	1 11/16	2 9/16	3 3/8
C	C8X13.75	0.555	7/8	1 11/16	2 9/16	3 3/8
C	C12X20.7	0.588	7/8	1 11/16	2 1/2	3 5/16
C	C6X13	0.658	13/16	1 9/16	2 5/16	3 1/8
C	C7X14.75	0.660	13/16	1 9/16	2 5/16	3 1/8
C	C10X20	0.662	13/16	1 9/16	2 5/16	3 1/8
C	C12X25	0.706	3/4	1 1/2	2 1/4	3
C	C9X20	0.722	3/4	1 1/2	2 1/4	2 15/16
C	C8X18.75	0.746	3/4	1 7/16	2 3/16	2 7/8
C	C15X33.9	0.792	3/4	1 7/16	2 1/8	2 13/16
C	C10X25	0.819	11/16	1 3/8	2 1/16	2 3/4
C	C12X30	0.841	11/16	1 3/8	2 1/16	2 11/16
C	C15X40	0.929	11/16	1 5/16	1 15/16	2 9/16
C	C10X30	0.975	5/8	1 1/4	1 7/8	2 1/2
C	C15X50	1.151	9/16	1 1/8	1 11/16	2 1/4
MC	MC6X6.5	0.340	1 1/16	2 1/8	3 1/8	NR
MC	MC12X10.6	0.358	1 1/16	2 1/16	3 1/16	NR
MC	MC6X7	0.365	1 1/16	2 1/16	3 1/16	NR
MC	MC8X8.5	0.368	1 1/16	2 1/16	3 1/16	NR
MC	MC12X14.3	0.447	15/16	1 7/8	2 13/16	3 3/4
MC	MC3X7.1	0.540	7/8	1 3/4	2 9/16	3 7/16
MC	MC6X12	0.561	7/8	1 11/16	2 9/16	3 3/8
MC	MC6X15.3	0.604	13/16	1 5/8	2 7/16	3 1/4
MC	MC6X15.1	0.653	13/16	1 9/16	2 3/8	3 1/8
MC	MC10X22	0.673	13/16	1 9/16	2 5/16	3 1/16
MC	MC8X18.7	0.687	13/16	1 9/16	2 5/16	3 1/16
MC	MC6X16.3	0.701	3/4	1 1/2	2 1/4	3
MC	MC7X19.1	0.705	3/4	1 1/2	2 1/4	3
MC	MC6X18	0.713	3/4	1 1/2	2 1/4	3
MC	MC8X20	0.732	3/4	1 1/2	2 3/16	2 15/16
MC	MC8X21.4	0.737	3/4	1 1/2	2 3/16	2 15/16
MC	MC10X25	0.760	3/4	1 7/16	2 3/16	2 7/8
MC	MC13X31.8	0.771	3/4	1 7/16	2 1/8	2 7/8
MC	MC9X23.9	0.771	3/4	1 7/16	2 1/8	2 7/8
MC	MC8X22.8	0.782	3/4	1 7/16	2 1/8	2 13/16
MC	MC4X13.8	0.812	11/16	1 3/8	2 1/16	2 3/4
MC	MC10X28.5	0.815	11/16	1 3/8	2 1/16	2 3/4
MC	MC9X25.4	0.817	11/16	1 3/8	2 1/16	2 3/4
MC	MC12X31	0.817	11/16	1 3/8	2 1/16	2 3/4
MC	MC7X22.7	0.829	11/16	1 3/8	2 1/16	2 3/4
MC	MC18X42.7	0.839	11/16	1 3/8	2 1/16	2 11/16

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
MC	MC13X35	0.846	11/16	1 3/8	2 1/16	2 11/16
MC	MC18X45.8	0.898	11/16	1 5/16	1 15/16	2 5/8
MC	MC12X35	0.917	11/16	1 5/16	1 15/16	2 9/16
MC	MC10X33.6	0.953	5/8	1 1/4	1 7/8	2 1/2
MC	MC13X40	0.961	5/8	1 1/4	1 7/8	2 1/2
MC	MC18X51.9	1.014	5/8	1 1/4	1 13/16	2 7/16
MC	MC12X40	1.042	5/8	1 3/16	1 13/16	2 3/8
MC	MC18X58	1.128	9/16	1 1/8	1 11/16	2 1/4
MC	MC10X41.1	1.152	9/16	1 1/8	1 11/16	2 1/4
MC	MC12X45	1.165	9/16	1 1/8	1 11/16	2 3/16
MC	MC13X50	1.189	9/16	1 1/8	1 5/8	2 3/16
MC	MC12X50	1.286	9/16	1 1/16	1 9/16	2 1/16
MT	MT2.5X9.45	0.630	13/16	1 5/8	2 3/8	3 3/16
ST	ST1.5X2.85	0.372	1	2	3	NR
ST	ST2X3.85	0.413	1	1 15/16	2 7/8	NR
ST	ST2.5X5	0.455	15/16	1 7/8	2 13/16	3 11/16
ST	ST1.5X3.75	0.468	15/16	1 7/8	2 3/4	3 11/16
ST	ST3X6.25	0.494	15/16	1 13/16	2 11/16	3 9/16
ST	ST2X4.75	0.495	15/16	1 13/16	2 11/16	3 9/16
ST	ST4X9.2	0.575	7/8	1 11/16	2 1/2	3 5/16
ST	ST3X8.6	0.654	13/16	1 9/16	2 3/8	3 1/8
ST	ST5X12.7	0.657	13/16	1 9/16	2 5/16	3 1/8
ST	ST4X11.5	0.704	3/4	1 1/2	2 1/4	3
ST	ST6X15.9	0.723	3/4	1 1/2	2 1/4	2 15/16
ST	ST6X17.5	0.790	3/4	1 7/16	2 1/8	2 13/16
ST	ST7.5X21.45	0.825	11/16	1 3/8	2 1/16	2 3/4
ST	ST5X17.5	0.880	11/16	1 5/16	2	2 5/8
ST	ST6X20.4	0.907	11/16	1 5/16	1 15/16	2 9/16
ST	ST9X27.35	0.912	11/16	1 5/16	1 15/16	2 9/16
ST	ST7.5X25	0.951	5/8	1 1/4	1 7/8	2 1/2
ST	ST10X33	1.015	5/8	1 1/4	1 13/16	2 7/16
ST	ST12X40	1.053	5/8	1 3/16	1 3/4	2 3/8
ST	ST6X25	1.089	5/8	1 3/16	1 3/4	2 5/16
ST	ST10X37.5	1.144	9/16	1 1/8	1 11/16	2 1/4
ST	ST9X35	1.148	9/16	1 1/8	1 11/16	2 1/4
ST	ST12X45	1.176	9/16	1 1/8	1 11/16	2 3/16
ST	ST10X43	1.246	9/16	1 1/16	1 5/8	2 1/8
ST	ST12X50	1.299	9/16	1 1/16	1 9/16	2 1/16
ST	ST12X53	1.314	9/16	1 1/16	1 9/16	2 1/16
ST	ST10X48	1.379	1/2	1	1 1/2	2
ST	ST12X60.5	1.486	1/2	15/16	1 7/16	1 7/8
WT	WT6X7	0.352	1 1/16	2 1/16	3 1/16	NR
WT	WT6X8	0.400	1	2	2 15/16	NR
WT	WT4X6.5	0.406	1	1 15/16	2 15/16	NR
WT	WT5X7.5	0.417	1	1 15/16	2 7/8	3 7/8
WT	WT3X7.5	0.417	1	1 15/16	2 7/8	3 7/8
WT	WT3X6	0.427	1	1 15/16	2 7/8	3 13/16
WT	WT4X7.5	0.464	15/16	1 7/8	2 3/4	3 11/16
WT	WT7X11	0.463	15/16	1 7/8	2 3/4	3 11/16

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
WT	WT5X8.5	0.469	15/16	1 7/8	2 3/4	3 11/16
WT	WT6X9.5	0.471	15/16	1 13/16	2 3/4	3 5/8
WT	WT4X9	0.483	15/16	1 13/16	2 11/16	3 5/8
WT	WT8X13	0.487	15/16	1 13/16	2 11/16	3 5/8
WT	WT5X11	0.507	15/16	1 13/16	2 11/16	3 9/16
WT	WT6X13	0.516	7/8	1 3/4	2 5/8	3 1/2
WT	WT5X9.5	0.520	7/8	1 3/4	2 5/8	3 1/2
WT	WT2X6.5	0.529	7/8	1 3/4	2 5/8	3 7/16
WT	WT2.5X8	0.533	7/8	1 3/4	2 5/8	3 7/16
WT	WT6X11	0.540	7/8	1 3/4	2 9/16	3 7/16
WT	WT7X13	0.542	7/8	1 3/4	2 9/16	3 7/16
WT	WT3X10	0.548	7/8	1 11/16	2 9/16	3 3/8
WT	WT7X15	0.549	7/8	1 11/16	2 9/16	3 3/8
WT	WT3X8	0.558	7/8	1 11/16	2 9/16	3 3/8
WT	WT4X10.5	0.558	7/8	1 11/16	2 9/16	3 3/8
WT	WT4X12	0.573	7/8	1 11/16	2 1/2	3 5/16
WT	WT8X15.5	0.575	7/8	1 11/16	2 1/2	3 5/16
WT	WT9X17.5	0.589	7/8	1 11/16	2 1/2	3 5/16
WT	WT6X15	0.591	7/8	1 11/16	2 1/2	3 5/16
WT	WT5X13	0.594	13/16	1 5/8	2 7/16	3 1/4
WT	WT8X18	0.603	13/16	1 5/8	2 7/16	3 1/4
WT	WT2.5X9.5	0.624	13/16	1 5/8	2 3/8	3 3/16
WT	WT7X17	0.619	13/16	1 5/8	2 7/16	3 3/16
WT	WT5X16.5	0.643	13/16	1 9/16	2 3/8	3 1/8
WT	WT4X15.5	0.646	13/16	1 9/16	2 3/8	3 1/8
WT	WT10.5X24	0.651	13/16	1 9/16	2 3/8	3 1/8
WT	WT10.5X22	0.655	13/16	1 9/16	2 5/16	3 1/8
WT	WT4X14	0.662	13/16	1 9/16	2 5/16	3 1/8
WT	WT8X20	0.666	13/16	1 9/16	2 5/16	3 1/16
WT	WT9X20	0.668	13/16	1 9/16	2 5/16	3 1/16
WT	WT3X12.5	0.674	13/16	1 9/16	2 5/16	3 1/16
WT	WT5X15	0.679	13/16	1 9/16	2 5/16	3 1/16
WT	WT6X17.5	0.683	13/16	1 9/16	2 5/16	3 1/16
WT	WT7X19	0.687	13/16	1 9/16	2 5/16	3 1/16
WT	WT6X20	0.715	3/4	1 1/2	2 1/4	3
WT	WT4X17.5	0.724	3/4	1 1/2	2 1/4	2 15/16
WT	WT7X21.5	0.725	3/4	1 1/2	2 1/4	2 15/16
WT	WT12X27.5	0.731	3/4	1 1/2	2 3/16	2 15/16
WT	WT10.5X25	0.738	3/4	1 1/2	2 3/16	2 15/16
WT	WT10.5X27.5	0.738	3/4	1 1/2	2 3/16	2 15/16
WT	WT8X22.5	0.745	3/4	1 7/16	2 3/16	2 7/8
WT	WT5X19.5	0.753	3/4	1 7/16	2 3/16	2 7/8
WT	WT9X25	0.758	3/4	1 7/16	2 3/16	2 7/8
WT	WT9X23	0.762	3/4	1 7/16	2 3/16	2 7/8
WT	WT6X22.5	0.799	3/4	1 7/16	2 1/8	2 13/16
WT	WT7X24	0.804	3/4	1 7/16	2 1/8	2 13/16
WT	WT4X20	0.820	11/16	1 3/8	2 1/16	2 3/4
WT	WT5X24.5	0.817	11/16	1 3/8	2 1/16	2 3/4
WT	WT12X34	0.815	11/16	1 3/8	2 1/16	2 3/4

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
WT	WT8X25	0.822	11/16	1 3/8	2 1/16	2 3/4
WT	WT12X31	0.818	11/16	1 3/8	2 1/16	2 3/4
WT	WT6X26.5	0.827	11/16	1 3/8	2 1/16	2 3/4
WT	WT9X27.5	0.829	11/16	1 3/8	2 1/16	2 3/4
WT	WT10.5X31	0.827	11/16	1 3/8	2 1/16	2 3/4
WT	WT10.5X28.5	0.835	11/16	1 3/8	2 1/16	2 3/4
WT	WT5X22.5	0.861	11/16	1 3/8	2	2 11/16
WT	WT6X25	0.882	11/16	1 5/16	2	2 5/8
WT	WT7X26.5	0.882	11/16	1 5/16	2	2 5/8
WT	WT5X27	0.897	11/16	1 5/16	1 15/16	2 5/8
WT	WT9X30	0.899	11/16	1 5/16	1 15/16	2 5/8
WT	WT15X45	0.893	11/16	1 5/16	2	2 5/8
WT	WT7X30.5	0.900	11/16	1 5/16	1 15/16	2 5/8
WT	WT6X29	0.901	11/16	1 5/16	1 15/16	2 5/8
WT	WT10.5X34	0.901	11/16	1 5/16	1 15/16	2 5/8
WT	WT6X32.5	0.900	11/16	1 5/16	1 15/16	2 5/8
WT	WT13.5X42	0.897	11/16	1 5/16	1 15/16	2 5/8
WT	WT12X38	0.905	11/16	1 5/16	1 15/16	2 5/8
WT	WT8X33.5	0.912	11/16	1 5/16	1 15/16	2 9/16
WT	WT8X28.5	0.929	11/16	1 5/16	1 15/16	2 9/16
WT	WT9X38	0.945	5/8	1 1/4	1 7/8	2 1/2
WT	WT4X24	0.971	5/8	1 1/4	1 7/8	2 1/2
WT	WT10.5X36.5	0.966	5/8	1 1/4	1 7/8	2 1/2
WT	WT9X32.5	0.969	5/8	1 1/4	1 7/8	2 1/2
WT	WT5X30	0.986	5/8	1 1/4	1 7/8	2 7/16
WT	WT15X49.5	0.978	5/8	1 1/4	1 7/8	2 1/2
WT	WT6X36	0.993	5/8	1 1/4	1 7/8	2 7/16
WT	WT12X42	0.994	5/8	1 1/4	1 7/8	2 7/16
WT	WT7X34	0.999	5/8	1 1/4	1 13/16	2 7/16
WT	WT13.5X47	1.000	5/8	1 1/4	1 13/16	2 7/16
WT	WT8X38.5	1.037	5/8	1 3/16	1 13/16	2 3/8
WT	WT9X35.5	1.052	5/8	1 3/16	1 13/16	2 3/8
WT	WT7X45	1.046	5/8	1 3/16	1 13/16	2 3/8
WT	WT12X52	1.048	5/8	1 3/16	1 13/16	2 3/8
WT	WT9X43	1.059	5/8	1 3/16	1 3/4	2 3/8
WT	WT16.5X59	1.057	5/8	1 3/16	1 3/4	2 3/8
WT	WT15X54	1.063	5/8	1 3/16	1 3/4	2 3/8
WT	WT7X37	1.076	5/8	1 3/16	1 3/4	2 5/16
WT	WT6X39.5	1.080	5/8	1 3/16	1 3/4	2 5/16
WT	WT10.5X41.5	1.089	5/8	1 3/16	1 3/4	2 5/16
WT	WT13.5X51	1.085	5/8	1 3/16	1 3/4	2 5/16
WT	WT10.5X50.5	1.098	5/8	1 3/16	1 3/4	2 5/16
WT	WT12X47	1.105	5/8	1 3/16	1 3/4	2 5/16
WT	WT5X34	1.111	5/8	1 3/16	1 3/4	2 5/16
WT	WT4X29	1.151	9/16	1 1/8	1 11/16	2 1/4
WT	WT18X67.5	1.133	9/16	1 1/8	1 11/16	2 1/4
WT	WT15X58	1.137	9/16	1 1/8	1 11/16	2 1/4
WT	WT7X49.5	1.142	9/16	1 1/8	1 11/16	2 1/4
WT	WT16.5X65	1.161	9/16	1 1/8	1 11/16	2 3/16

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
WT	WT12X58.5	1.175	9/16	1 1/8	1 11/16	2 3/16
WT	WT8X44.5	1.185	9/16	1 1/8	1 5/8	2 3/16
WT	WT6X43.5	1.184	9/16	1 1/8	1 5/8	2 3/16
WT	WT7X41	1.188	9/16	1 1/8	1 5/8	2 3/16
WT	WT9X48.5	1.189	9/16	1 1/8	1 5/8	2 3/16
WT	WT10.5X55.5	1.201	9/16	1 1/8	1 5/8	2 3/16
WT	WT13.5X57	1.203	9/16	1 1/8	1 5/8	2 3/16
WT	WT10.5X46.5	1.210	9/16	1 1/8	1 5/8	2 3/16
WT	WT12X51.5	1.209	9/16	1 1/8	1 5/8	2 3/16
WT	WT15X62	1.211	9/16	1 1/8	1 5/8	2 3/16
WT	WT20X74.5	1.206	9/16	1 1/8	1 5/8	2 3/16
WT	WT5X38.5	1.242	9/16	1 1/16	1 5/8	2 1/8
WT	WT7X54.5	1.252	9/16	1 1/16	1 9/16	2 1/8
WT	WT16.5X70.5	1.250	9/16	1 1/16	1 9/16	2 1/8
WT	WT18X75	1.254	9/16	1 1/16	1 9/16	2 1/8
WT	WT9X53	1.288	9/16	1 1/16	1 9/16	2 1/16
WT	WT15X66	1.284	9/16	1 1/16	1 9/16	2 1/16
WT	WT6X48	1.293	9/16	1 1/16	1 9/16	2 1/16
WT	WT4X33.5	1.311	9/16	1 1/16	1 9/16	2 1/16
WT	WT12X65.5	1.305	9/16	1 1/16	1 9/16	2 1/16
WT	WT10.5X61	1.315	9/16	1 1/16	1 9/16	2 1/16
WT	WT8X50	1.323	9/16	1 1/16	1 9/16	2 1/16
WT	WT13.5X73	1.318	9/16	1 1/16	1 9/16	2 1/16
WT	WT18X80	1.333	1/2	1	1 1/2	2
WT	WT16.5X76	1.343	1/2	1	1 1/2	2
WT	WT20X83.5	1.342	1/2	1	1 1/2	2
WT	WT13.5X64.5	1.355	1/2	1	1 1/2	2
WT	WT7X60	1.367	1/2	1	1 1/2	2
WT	WT5X44	1.399	1/2	1	1 1/2	1 15/16
WT	WT6X53	1.421	1/2	1	1 7/16	1 15/16
WT	WT10.5X66	1.416	1/2	1	1 7/16	1 15/16
WT	WT18X85	1.412	1/2	1	1 7/16	1 15/16
WT	WT9X59.5	1.431	1/2	1	1 7/16	1 15/16
WT	WT20X99.5	1.417	1/2	1	1 7/16	1 15/16
WT	WT15X74	1.434	1/2	1	1 7/16	1 15/16
WT	WT15X86.5	1.432	1/2	1	1 7/16	1 15/16
WT	WT12X73	1.443	1/2	1	1 7/16	1 15/16
WT	WT13.5X80.5	1.448	1/2	1	1 7/16	1 15/16
WT	WT20X91.5	1.462	1/2	15/16	1 7/16	1 7/8
WT	WT16.5X84.5	1.488	1/2	15/16	1 7/16	1 7/8
WT	WT7X66	1.498	1/2	15/16	1 3/8	1 7/8
WT	WT18X91	1.502	1/2	15/16	1 3/8	1 7/8
WT	WT20X107.5	1.523	1/2	15/16	1 3/8	1 13/16
WT	WT9X65	1.560	1/2	15/16	1 3/8	1 13/16
WT	WT22X115	1.542	1/2	15/16	1 3/8	1 13/16
WT	WT16.5X100.5	1.546	1/2	15/16	1 3/8	1 13/16
WT	WT5X50	1.577	1/2	15/16	1 3/8	1 13/16
WT	WT10.5X73.5	1.564	1/2	15/16	1 3/8	1 13/16
WT	WT6X60	1.591	1/2	15/16	1 3/8	1 13/16

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
WT	WT15X95.5	1.576	1/2	15/16	1 3/8	1 13/16
WT	WT7X72.5	1.584	1/2	15/16	1 3/8	1 13/16
WT	WT12X81	1.588	1/2	15/16	1 3/8	1 13/16
WT	WT13.5X89	1.589	1/2	15/16	1 3/8	1 13/16
WT	WT18X97	1.601	7/16	7/8	1 5/16	1 3/4
WT	WT18X115.5	1.664	7/16	7/8	1 5/16	1 3/4
WT	WT20X105.5	1.675	7/16	7/8	1 5/16	1 3/4
WT	WT16.5X110.5	1.684	7/16	7/8	1 5/16	1 11/16
WT	WT9X71.5	1.706	7/16	7/8	1 1/4	1 11/16
WT	WT5X56	1.741	7/16	7/8	1 1/4	1 11/16
WT	WT7X79.5	1.722	7/16	7/8	1 1/4	1 11/16
WT	WT12X88	1.725	7/16	7/8	1 1/4	1 11/16
WT	WT18X105	1.721	7/16	7/8	1 1/4	1 11/16
WT	WT13.5X97	1.726	7/16	7/8	1 1/4	1 11/16
WT	WT15X105.5	1.724	7/16	7/8	1 1/4	1 11/16
WT	WT10.5X83	1.758	7/16	7/8	1 1/4	1 11/16
WT	WT22X131	1.747	7/16	7/8	1 1/4	1 11/16
WT	WT20X124.5	1.754	7/16	7/8	1 1/4	1 11/16
WT	WT6X68	1.779	7/16	13/16	1 1/4	1 5/8
WT	WT18X123.5	1.774	7/16	13/16	1 1/4	1 5/8
WT	WT16.5X120.5	1.826	7/16	13/16	1 3/16	1 5/8
WT	WT9X79	1.867	7/16	13/16	1 3/16	1 9/16
WT	WT20X117.5	1.853	7/16	13/16	1 3/16	1 5/8
WT	WT12X96	1.868	7/16	13/16	1 3/16	1 9/16
WT	WT18X131	1.871	7/16	13/16	1 3/16	1 9/16
WT	WT7X88	1.888	7/16	13/16	1 3/16	1 9/16
WT	WT18X116	1.889	7/16	13/16	1 3/16	1 9/16
WT	WT10.5X91	1.904	7/16	13/16	1 3/16	1 9/16
WT	WT15X117.5	1.907	7/16	13/16	1 3/16	1 9/16
WT	WT13.5X108.5	1.917	7/16	13/16	1 3/16	1 9/16
WT	WT22X145	1.928	7/16	13/16	1 3/16	1 9/16
WT	WT6X76	1.963	3/8	3/4	1 1/8	1 1/2
WT	WT20X138.5	1.945	7/16	13/16	1 3/16	1 9/16
WT	WT12X103.5	1.998	3/8	3/4	1 1/8	1 1/2
WT	WT16.5X131.5	1.986	3/8	3/4	1 1/8	1 1/2
WT	WT18X141	2.003	3/8	3/4	1 1/8	1 1/2
WT	WT9X87.5	2.044	3/8	3/4	1 1/8	1 1/2
WT	WT7X96.5	2.058	3/8	3/4	1 1/8	1 1/2
WT	WT13.5X117.5	2.061	3/8	3/4	1 1/8	1 1/2
WT	WT20X132	2.069	3/8	3/4	1 1/8	1 1/2
WT	WT18X128	2.071	3/8	3/4	1 1/8	1 7/16
WT	WT10.5X100.5	2.085	3/8	3/4	1 1/8	1 7/16
WT	WT20X148.5	2.080	3/8	3/4	1 1/8	1 7/16
WT	WT15X130.5	2.105	3/8	3/4	1 1/8	1 7/16
WT	WT18X151	2.133	3/8	3/4	1 1/16	1 7/16
WT	WT6X85	2.166	3/8	3/4	1 1/16	1 7/16
WT	WT20X139	2.165	3/8	3/4	1 1/16	1 7/16
WT	WT12X114.5	2.193	3/8	11/16	1 1/16	1 3/8
WT	WT9X96	2.212	3/8	11/16	1 1/16	1 3/8

BXUV.X854**Structural Columns - Re-entrant Profiles**

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
WT	WT16.5X145.5	2.185	3/8	3/4	1 1/16	1 7/16
WT	WT7X105.5	2.230	3/8	11/16	1 1/16	1 3/8
WT	WT22X167.5	2.210	3/8	11/16	1 1/16	1 3/8
WT	WT13.5X129	2.240	3/8	11/16	1 1/16	1 3/8
WT	WT20X162	2.250	3/8	11/16	1 1/16	1 3/8
WT	WT10.5X111.5	2.285	3/8	11/16	1	1 3/8
WT	WT20X147	2.283	3/8	11/16	1	1 3/8
WT	WT18X143	2.292	3/8	11/16	1	1 3/8
WT	WT15X146	2.332	3/8	11/16	1	1 5/16
WT	WT18X165	2.331	3/8	11/16	1	1 5/16
WT	WT12X125	2.367	3/8	11/16	1	1 5/16
WT	WT6X95	2.388	3/8	11/16	1	1 5/16
WT	WT16.5X159	2.366	3/8	11/16	1	1 5/16
WT	WT9X105.5	2.409	3/8	11/16	1	1 5/16
WT	WT13.5X140.5	2.422	3/8	11/16	1	1 5/16
WT	WT22X184	2.408	3/8	11/16	1	1 5/16
WT	WT7X116.5	2.435	3/8	11/16	1	1 5/16
WT	WT10.5X124	2.510	5/16	5/8	15/16	1 1/4
WT	WT20X181	2.493	5/16	5/8	15/16	1 1/4
WT	WT20X163.5	2.515	5/16	5/8	15/16	1 1/4
WT	WT18X159	2.524	5/16	5/8	15/16	1 1/4
WT	WT20X165.5	2.538	5/16	5/8	15/16	1 1/4
WT	WT18X180.5	2.528	5/16	5/8	15/16	1 1/4
WT	WT20X186	2.555	5/16	5/8	15/16	1 1/4
WT	WT6X105	2.604	5/16	5/8	15/16	1 1/4
WT	WT15X163	2.579	5/16	5/8	15/16	1 1/4
WT	WT12X139.5	2.612	5/16	5/8	15/16	1 1/4
WT	WT9X117	2.635	5/16	5/8	15/16	1 3/16
WT	WT16.5X177	2.611	5/16	5/8	15/16	1 1/4
WT	WT13.5X153.5	2.628	5/16	5/8	15/16	1 3/16
WT	WT7X128.5	2.656	5/16	5/8	15/16	1 3/16
WT	WT22X204	2.649	5/16	5/8	15/16	1 3/16
WT	WT20X198.5	2.712	5/16	5/8	7/8	1 3/16
WT	WT10.5X137.5	2.750	5/16	5/8	7/8	1 3/16
WT	WT18X175	2.743	5/16	5/8	7/8	1 3/16
WT	WT18X197.5	2.743	5/16	5/8	7/8	1 3/16
WT	WT6X115	2.814	5/16	9/16	7/8	1 1/8
WT	WT15X178.5	2.798	5/16	5/8	7/8	1 3/16
WT	WT12X153	2.833	5/16	9/16	7/8	1 1/8
WT	WT9X129	2.867	5/16	9/16	7/8	1 1/8
WT	WT13.5X168	2.838	5/16	9/16	7/8	1 1/8
WT	WT16.5X193.5	2.829	5/16	9/16	7/8	1 1/8
WT	WT7X141.5	2.891	5/16	9/16	7/8	1 1/8
WT	WT20X215.5	2.928	5/16	9/16	7/8	1 1/8
WT	WT20X196	2.952	5/16	9/16	13/16	1 1/8
WT	WT6X126	3.042	5/16	9/16	13/16	1 1/16
WT	WT18X193.5	3.005	5/16	9/16	13/16	1 1/16
WT	WT15X195.5	3.036	5/16	9/16	13/16	1 1/16
WT	WT18X220.5	3.029	5/16	9/16	13/16	1 1/16

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Structural Columns - Re-entrant Profiles

GCP Applied Technologies Inc. — Types MK-6/HY, MK-6/HY Extended Set, MK-6/GF, MK-10 HB, MK-10 HB Extended Set, MK-10/HB White, MK-10/HB White Extended Set, MK-6/HB, MK-6s, RG, Z-106, Z-106/G, Z-106/HY, MK-1000/HB, MK-1000/HB Extended Set, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC

Member			Full Flange Thickness (in.)			
Shape	Size	W/D	1 hr	2 hr	3 hr	4 hr
WT	WT12X167.5	3.068	5/16	9/16	13/16	1 1/16
WT	WT9X141.5	3.103	5/16	9/16	13/16	1 1/16
WT	WT13.5X184	3.077	5/16	9/16	13/16	1 1/16
WT	WT7X155.5	3.140	5/16	9/16	13/16	1 1/16
WT	WT6X139.5	3.317	1/4	1/2	3/4	1
WT	WT9X155.5	3.351	1/4	1/2	3/4	1
WT	WT12X185	3.339	1/4	1/2	3/4	1
WT	WT18X243.5	3.308	1/4	1/2	3/4	1
WT	WT7X171	3.397	1/4	1/2	3/4	1
WT	WT20X251.5	3.362	1/4	1/2	3/4	1
WT	WT6X152.5	3.570	1/4	1/2	3/4	15/16
WT	WT18X264.5	3.565	1/4	1/2	3/4	15/16
WT	WT7X185	3.633	1/4	1/2	11/16	15/16
WT	WT6X168	3.851	1/4	7/16	11/16	7/8
WT	WT7X199	3.864	1/4	7/16	11/16	7/8
WT	WT20X296.5	3.881	1/4	7/16	11/16	7/8
WT	WT7X213	4.090	1/4	7/16	5/8	7/8
WT	WT13.5X269.5	4.264	1/4	7/16	5/8	13/16
WT	WT20X327.5	4.231	1/4	7/16	5/8	13/16
WT	WT7X227.5	4.323	1/4	7/16	5/8	13/16
WT	WT18X326	4.278	1/4	7/16	5/8	13/16
WT	WT7X250	4.664	1/4	3/8	9/16	3/4
WT	WT18X361.5	4.671	1/4	3/8	9/16	3/4
WT	WT7X275	5.037	1/4	3/8	9/16	11/16
WT	WT18X401	5.102	1/4	3/8	9/16	11/16
WT	WT7X302.5	5.421	1/4	3/8	1/2	11/16
WT	WT18X426.5	5.358	1/4	3/8	1/2	11/16
WT	WT7X332.5	5.833	1/4	5/16	1/2	5/8
WT	WT18X462.5	5.752	1/4	5/16	1/2	5/8
WT	WT7X365	6.271	1/4	5/16	7/16	9/16
WT	WT7X404	6.733	1/4	5/16	7/16	9/16
WT	WT7X436.5	7.132	1/4	1/4	3/8	1/2

Note: Double angle profiles are calculated with no space between angles. This table is intended to be used in conjunction with the specified UL Design X854. All required components specified in that UL Design shall remain a required component to achieve the hourly ratings. Only the version of UL Design X854 as shown on UL.com is