

# Horizontal Bends H90°, H60°, H45°, H30°

BEND RADIUS R		TRAY WIDTH		HORIZONTAL 90° ELBOW DIMENSIONS				HORIZONTAL 60° ELBOW DIMENSIONS					
in	mm	in	mm	Part No.	A		B		Part No.	A		B	
					in	mm	in	mm		in	mm	in	mm
12	305	6	152	Series-6-H90-R12	18	457	18	457	Series-6-H60-R12	17 $\frac{11}{32}$ "	445	10 $\frac{3}{32}$ "	256
		9	228	Series-9-H90-R12	19 $\frac{1}{2}$ "	495	19 $\frac{1}{2}$ "	495	Series-9-H60-R12	18 $\frac{25}{32}$ "	477	10 $\frac{27}{32}$ "	275
		12	305	Series-12-H90-R12	21	533	21	533	Series-12-H60-R12	20 $\frac{3}{32}$ "	510	11 $\frac{19}{32}$ "	294
		18	457	Series-18-H90-R12	24	610	24	610	Series-18-H60-R12	22 $\frac{11}{16}$ "	576	13 $\frac{3}{32}$ "	333
		24	610	Series-24-H90-R12	27	686	27	686	Series-24-H60-R12	25 $\frac{9}{32}$ "	642	14 $\frac{19}{32}$ "	371
		30	762	Series-30-H90-R12	30	762	30	762	Series-30-H60-R12	27 $\frac{7}{8}$ "	708	16 $\frac{3}{32}$ "	409
		36	914	Series-36-H90-R12	33	838	33	838	Series-36-H60-R12	30 $\frac{15}{32}$ "	774	17 $\frac{19}{32}$ "	447
24	610	6	152	Series-6-H90-R24	30	762	30	762	Series-6-H60-R24	27 $\frac{7}{8}$ "	708	16 $\frac{3}{32}$ "	409
		9	228	Series-9-H90-R24	31 $\frac{1}{2}$ "	800	31 $\frac{1}{2}$ "	800	Series-9-H60-R24	29 $\frac{3}{16}$ "	741	16 $\frac{27}{32}$ "	428
		12	305	Series-12-H90-R24	33	838	33	838	Series-12-H60-R24	30 $\frac{15}{32}$ "	774	17 $\frac{19}{32}$ "	447
		18	457	Series-18-H90-R24	36	914	36	914	Series-18-H60-R24	32 $\frac{3}{32}$ "	841	19 $\frac{3}{32}$ "	485
		24	610	Series-24-H90-R24	39	990	39	990	Series-24-H60-R24	35 $\frac{11}{16}$ "	906	20 $\frac{19}{32}$ "	523
		30	762	Series-30-H90-R24	42	1067	42	1067	Series-30-H60-R24	38 $\frac{9}{32}$ "	972	22 $\frac{3}{32}$ "	561
		36	914	Series-36-H90-R24	45	1143	45	1143	Series-36-H60-R24	40 $\frac{8}{8}$ "	1038	23 $\frac{19}{32}$ "	599
36	914	6	152	Series-6-H90-R36	42	1067	42	1067	Series-6-H60-R36	38 $\frac{3}{32}$ "	972	22 $\frac{3}{32}$ "	561
		9	228	Series-9-H90-R36	43 $\frac{3}{4}$ "	1105	43 $\frac{3}{4}$ "	1105	Series-9-H60-R36	39 $\frac{7}{16}$ "	1005	22 $\frac{27}{32}$ "	580
		12	305	Series-12-H90-R36	45	1143	45	1143	Series-12-H60-R36	40 $\frac{7}{8}$ "	1038	23 $\frac{19}{32}$ "	599
		18	457	Series-18-H90-R36	48	1219	48	1219	Series-18-H60-R36	43 $\frac{15}{32}$ "	1104	25 $\frac{3}{32}$ "	637
		24	610	Series-24-H90-R36	51	1295	51	1295	Series-24-H60-R36	46 $\frac{1}{16}$ "	1170	26 $\frac{19}{32}$ "	675
		30	762	Series-30-H90-R36	54	1372	54	1372	Series-30-H60-R36	48 $\frac{21}{32}$ "	1236	28 $\frac{3}{32}$ "	714
		36	914	Series-36-H90-R36	57	1448	57	1448	Series-36-H60-R36	51 $\frac{1}{4}$ "	1302	29 $\frac{19}{32}$ "	752
BEND RADIUS R		TRAY WIDTH		HORIZONTAL 45° ELBOW DIMENSIONS				HORIZONTAL 30° ELBOW DIMENSIONS					
in	mm	in	mm	Part No.	A		B		Part No.	A		B	
					in	mm	in	mm		in	mm	in	mm
12	305	6	152	Series-6-H45-R12	15 $\frac{23}{32}$ "	399	6 $\frac{1}{2}$ "	165	Series-6-H30-R12	13 $\frac{3}{32}$ "	333	3 $\frac{1}{2}$ "	89
		9	228	Series-9-H45-R12	16 $\frac{25}{32}$ "	426	6 $\frac{31}{32}$ "	177	Series-9-H30-R12	13 $\frac{27}{32}$ "	352	3 $\frac{23}{32}$ "	94
		12	305	Series-12-H45-R12	17 $\frac{27}{32}$ "	453	7 $\frac{13}{32}$ "	188	Series-12-H30-R12	14 $\frac{19}{32}$ "	371	3 $\frac{29}{32}$ "	99
		18	457	Series-18-H45-R12	19 $\frac{31}{32}$ "	507	8 $\frac{9}{32}$ "	210	Series-18-H30-R12	16 $\frac{3}{32}$ "	409	4 $\frac{5}{16}$ "	110
		24	610	Series-24-H45-R12	22 $\frac{3}{32}$ "	561	9 $\frac{5}{32}$ "	233	Series-24-H30-R12	17 $\frac{19}{32}$ "	447	4 $\frac{23}{32}$ "	120
		30	762	Series-30-H45-R12	24 $\frac{7}{32}$ "	615	10 $\frac{1}{32}$ "	255	Series-30-H30-R12	19 $\frac{3}{32}$ "	485	5 $\frac{1}{8}$ "	130
		36	914	Series-36-H45-R12	26 $\frac{11}{32}$ "	669	10 $\frac{29}{32}$ "	277	Series-36-H30-R12	20 $\frac{19}{32}$ "	523	5 $\frac{17}{32}$ "	140
24	610	6	152	Series-6-H45-R24	24 $\frac{7}{32}$ "	615	10 $\frac{1}{32}$ "	255	Series-6-H30-R24	19 $\frac{3}{32}$ "	485	5 $\frac{1}{8}$ "	130
		9	228	Series-9-H45-R24	25 $\frac{9}{32}$ "	642	10 $\frac{15}{32}$ "	266	Series-9-H30-R24	19 $\frac{27}{32}$ "	504	5 $\frac{5}{16}$ "	135
		12	305	Series-12-H45-R24	26 $\frac{11}{32}$ "	669	10 $\frac{29}{32}$ "	277	Series-12-H30-R24	20 $\frac{19}{32}$ "	523	5 $\frac{17}{32}$ "	140
		18	457	Series-18-H45-R24	28 $\frac{15}{32}$ "	723	11 $\frac{25}{32}$ "	299	Series-18-H30-R24	22 $\frac{3}{32}$ "	561	5 $\frac{29}{32}$ "	150
		24	610	Series-24-H45-R24	30 $\frac{9}{16}$ "	776	12 $\frac{21}{32}$ "	321	Series-24-H30-R24	23 $\frac{19}{32}$ "	599	6 $\frac{5}{16}$ "	160
		30	762	Series-30-H45-R24	32 $\frac{17}{16}$ "	830	13 $\frac{17}{32}$ "	344	Series-30-H30-R24	25 $\frac{3}{32}$ "	637	6 $\frac{23}{32}$ "	171
		36	914	Series-36-H45-R24	34 $\frac{13}{8}$ "	885	14 $\frac{7}{16}$ "	367	Series-36-H30-R24	26 $\frac{19}{32}$ "	675	7 $\frac{1}{8}$ "	181
36	914	6	152	Series-6-H45-R36	32 $\frac{11}{16}$ "	830	13 $\frac{17}{32}$ "	344	Series-6-H30-R36	25 $\frac{3}{32}$ "	637	6 $\frac{23}{32}$ "	171
		9	228	Series-9-H45-R36	33 $\frac{3}{4}$ "	857	13 $\frac{31}{32}$ "	355	Series-9-H30-R36	25 $\frac{27}{32}$ "	656	6 $\frac{15}{16}$ "	176
		12	305	Series-12-H45-R36	34 $\frac{13}{16}$ "	884	14 $\frac{7}{16}$ "	367	Series-12-H30-R36	26 $\frac{19}{32}$ "	675	7 $\frac{1}{8}$ "	181
		18	457	Series-18-H45-R36	36 $\frac{15}{16}$ "	938	15 $\frac{5}{16}$ "	389	Series-18-H30-R36	28 $\frac{3}{32}$ "	714	7 $\frac{17}{32}$ "	191
		24	610	Series-24-H45-R36	39 $\frac{1}{16}$ "	992	16 $\frac{3}{16}$ "	411	Series-24-H30-R36	29 $\frac{19}{32}$ "	752	7 $\frac{15}{16}$ "	202
		30	762	Series-30-H45-R36	41 $\frac{3}{16}$ "	1046	17 $\frac{1}{16}$ "	433	Series-30-H30-R36	31 $\frac{3}{32}$ "	790	8 $\frac{11}{32}$ "	212
		36	914	Series-36-H45-R36	43 $\frac{5}{16}$ "	1100	17 $\frac{15}{16}$ "	456	Series-36-H30-R36	32 $\frac{19}{32}$ "	828	8 $\frac{3}{4}$ "	222