

DIMENSIONS FOR RING TYPE JOINTS

TYPE R TO ASME B16.20 (2012)

Ring Nr.	Average pitch diameter (P)		Width (A)		Height, Oval (B)		Height, Octagonal (H)	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
R-11	34.14	1.344	6.35	0.250	11.20	0.44	9.70	0.38
R-12	39.70	1.563	7.95	0.313	14.20	0.56	12.70	0.50
R-13	42.88	1.688	7.95	0.313	14.20	0.56	12.70	0.50
R-14	44.45	1.750	7.95	0.313	14.20	0.56	12.70	0.50
R-15	47.63	1.875	7.95	0.313	14.20	0.56	12.70	0.50
R-16	50.80	2.000	7.95	0.313	14.20	0.56	12.70	0.50
R-17	57.15	2.250	7.95	0.313	14.20	0.56	12.70	0.50
R-18	60.33	2.375	7.95	0.313	14.20	0.56	12.70	0.50
R-19	65.10	2.563	7.95	0.313	14.20	0.56	12.70	0.50
R-20	68.28	2.688	7.95	0.313	14.20	0.56	12.70	0.50
R-21	72.24	2.844	11.13	0.438	17.50	0.69	16.00	0.63
R-22	82.55	3.250	7.95	0.313	14.20	0.56	12.70	0.50
R-23	82.55	3.250	11.13	0.438	17.50	0.69	16.00	0.63
R-24	95.25	3.750	11.13	0.438	17.50	0.69	16.00	0.63
R-25	101.60	4.000	7.95	0.313	14.20	0.56	12.70	0.50
R-26	101.60	4.000	11.13	0.438	17.50	0.69	16.00	0.63
R-27	107.95	4.250	11.13	0.438	17.50	0.69	16.00	0.63
R-28	111.13	4.375	12.70	0.500	19.10	0.75	17.50	0.69
R-29	114.30	4.500	7.95	0.313	14.20	0.56	12.70	0.50
R-30	117.48	4.625	11.13	0.438	17.50	0.69	16.00	0.63
R-31	123.83	4.875	11.13	0.438	17.50	0.69	16.00	0.63
R-32	127.00	5.000	12.70	0.500	19.10	0.75	17.50	0.69
R-33	131.78	5.188	7.95	0.313	14.20	0.56	12.70	0.50
R-34	131.78	5.188	11.13	0.438	17.50	0.69	16.00	0.63
R-35	136.53	5.375	11.13	0.438	17.50	0.69	16.00	0.63
R-36	149.23	5.875	7.95	0.313	14.20	0.56	12.70	0.50
R-37	149.23	5.875	11.13	0.438	17.50	0.69	16.00	0.63
R-38	157.18	6.188	15.88	0.625	22.40	0.88	20.60	0.81
R-39	161.93	6.375	11.13	0.438	17.50	0.69	16.00	0.63
R-40	171.45	6.750	7.95	0.313	14.20	0.56	12.70	0.50
R-41	180.98	7.125	11.13	0.438	17.50	0.69	16.00	0.63
R-42	190.50	7.500	19.05	0.750	25.40	1.00	23.90	0.94
R-43	193.68	7.625	7.95	0.313	14.20	0.56	12.70	0.50
R-44	193.68	7.625	11.13	0.438	17.50	0.69	16.00	0.63
R-45	211.15	8.313	11.13	0.438	17.50	0.69	16.00	0.63
R-46	211.15	8.313	12.70	0.500	19.10	0.75	17.50	0.69
R-47	228.60	9.000	19.05	0.750	25.40	1.00	23.90	0.94
R-48	247.65	9.750	7.95	0.313	14.20	0.56	12.70	0.50
R-49	269.88	10.625	11.13	0.438	17.50	0.69	16.00	0.63
R-50	269.88	10.625	15.88	0.625	22.40	0.88	20.60	0.81
R-51	279.40	11.000	22.23	0.875	28.70	1.13	27.00	1.06
R-52	304.80	12.000	7.95	0.313	14.20	0.56	12.70	0.50
R-53	323.85	12.750	11.13	0.438	17.50	0.69	16.00	0.63
R-54	323.85	12.750	15.88	0.625	22.40	0.88	20.60	0.81
R-55	342.90	13.500	28.58	1.125	36.60	1.44	34.90	1.38
R-56	381.00	15.000	7.95	0.313	14.20	0.56	12.70	0.50
R-57	381.00	15.000	11.13	0.438	17.50	0.69	16.00	0.63

DIMENSIONS FOR RING TYPE JOINTS

TYPE R TO ASME B16.20 (2012)

Ring Nr.	Average pitch diameter (P)		Width (A)		Height, Oval (B)		Height, Octagonal (H)	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
R-58	381.00	15.000	22.23	0.875	28.70	1.13	27.00	1.06
R-59	396.88	15.625	7.95	0.313	14.20	0.56	12.70	0.50
R-60	406.40	16.000	31.75	1.250	39.70	1.56	38.10	1.50
R-61	419.10	16.500	11.13	0.438	17.50	0.69	16.00	0.63
R-62	419.10	16.500	15.88	0.625	22.20	0.88	20.60	0.81
R-63	419.10	16.500	25.40	1.000	33.30	1.31	31.80	1.25
R-64	454.03	17.875	7.95	0.313	14.20	0.56	12.70	0.50
R-65	469.90	18.500	11.13	0.438	17.50	0.69	16.00	0.63
R-66	469.90	18.500	15.88	0.625	22.20	0.88	20.60	0.81
R-67	469.90	18.500	28.58	1.125	36.60	1.44	35.10	1.38
R-68	517.53	20.375	7.95	0.313	14.20	0.56	12.70	0.50
R-69	533.40	21.000	11.13	0.438	17.50	0.69	16.00	0.63
R-70	533.40	21.000	19.05	0.750	25.40	1.00	23.90	0.94
R-71	533.40	21.000	28.58	1.125	36.60	1.44	34.90	1.38
R-72	558.80	22.000	7.95	0.313	14.20	0.56	12.70	0.50
R-73	584.20	23.000	12.70	0.500	19.10	0.75	17.50	0.69
R-74	584.20	23.000	19.05	0.750	25.40	1.00	23.90	0.94
R-75	584.20	23.000	31.75	1.250	39.60	1.56	38.10	1.50
R-76	673.10	26.500	7.95	0.313	14.20	0.56	12.70	0.50
R-77	692.15	27.250	15.88	0.625	22.40	0.88	20.60	0.81
R-78	692.15	27.250	25.40	1.000	33.30	1.31	31.80	1.25
R-79	692.15	27.250	34.93	1.375	44.50	1.75	41.30	1.63
R-80	615.95	24.250	7.95	0.313	-	-	12.70	0.50
R-81	635.00	25.000	14.30	0.563	-	-	19.10	0.75
R-82	57.15	2.250	11.13	0.438	-	-	16.00	0.63
R-84	63.50	2.500	11.13	0.438	-	-	16.00	0.63
R-85	79.38	3.125	12.70	0.500	-	-	17.50	0.69
R-86	90.50	3.563	15.88	0.625	-	-	20.60	0.81
R-87	100.03	3.938	15.88	0.625	-	-	20.60	0.81
R-88	122.83	4.875	19.05	0.750	-	-	23.90	0.94
R-89	114.30	4.500	19.05	0.750	-	-	23.90	0.94
R-90	155.58	6.125	22.23	0.875	-	-	26.90	1.06
R-91	260.35	10.250	31.75	1.250	-	-	38.10	1.50
R-92	228.60	9.000	11.13	0.438	17.50	0.69	16.00	0.63
R-93	749.30	29.500	19.05	0.750	-	-	23.90	0.94
R-94	800.10	31.500	19.05	0.750	-	-	23.09	0.94
R-95	857.25	33.750	19.05	0.750	-	-	23.09	0.94
R-96	914.40	36.000	22.23	0.875	-	-	26.90	1.06
R-97	965.20	38.000	22.23	0.875	-	-	26.90	1.06
R-98	1,022.35	40.250	22.23	0.875	-	-	26.90	1.06
R-99	234.95	9.250	11.13	0.438	-	-	16.00	0.63
R-100	749.30	29.500	28.58	1.125	-	-	35.10	1.38
R-101	800.10	31.500	31.75	1.250	-	-	38.10	1.50
R-102	857.25	33.750	31.75	1.250	-	-	38.10	1.50
R-103	914.40	36.000	31.75	1.250	-	-	38.10	1.50
R-104	965.20	38.000	34.93	1.375	-	-	41.40	1.63
R-105	1,022.35	40.250	34.93	1.375	-	-	41.40	1.63

DIMENSIONS FOR RING TYPE JOINTS

TYPE RX TO ASME B16.20 (2012)

Ring Nr.	Outside diameter (OD)		Width (A)		Height (H)	
	(mm)	(in)	(mm)	(in)	(mm)	(in)
RX-20	76.20	3.000	8.74	0.344	19.05	0.750
RX-23	93.27	3.672	11.91	0.469	25.40	1.000
RX-24	105.97	4.172	11.91	0.469	25.40	1.000
RX-25	109.55	4.313	8.74	0.344	19.05	0.750
RX-26	111.91	4.406	11.91	0.469	25.40	1.000
RX-27	118.26	4.656	11.91	0.469	25.40	1.000
RX-31	134.54	5.297	11.91	0.469	25.40	1.000
RX-35	147.24	5.797	11.91	0.469	25.40	1.000
RX-37	159.94	6.297	11.91	0.469	25.40	1.000
RX-39	172.64	6.797	11.91	0.469	25.40	1.000
RX-41	191.69	7.547	11.91	0.469	25.40	1.000
RX-44	204.39	8.047	11.91	0.469	25.40	1.000
RX-45	221.84	8.734	11.91	0.469	25.40	1.000
RX-46	222.25	8.750	13.49	0.531	28.58	1.125
RX-47	245.26	9.656	19.84	0.781	41.28	1.625
RX-49	280.59	11.047	11.91	0.469	25.40	1.000
RX-50	283.36	11.156	16.66	0.656	31.75	1.250
RX-53	334.57	13.172	11.91	0.469	25.40	1.000
RX-54	337.34	13.281	16.66	0.656	31.75	1.250
RX-57	391.72	15.422	11.91	0.469	25.40	1.000
RX-63	441.73	17.391	27.00	1.063	50.80	2.000
RX-65	480.62	18.922	11.91	0.469	25.40	1.000
RX-66	483.39	19.031	16.66	0.656	31.75	1.250
RX-69	544.12	21.422	11.91	0.469	25.40	1.000
RX-70	550.06	21.656	19.84	0.781	41.28	1.625
RX-73	596.11	23.469	13.49	0.531	31.75	1.250
RX-74	600.86	23.656	19.84	0.781	41.28	1.625
RX-82	67.87	2.672	11.91	0.469	25.40	1.000
RX-84	74.22	2.922	11.91	0.469	25.40	1.000
RX-85	90.09	3.547	13.49	0.531	25.40	1.000
RX-86	103.58	4.078	15.09	0.594	28.58	1.125
RX-87	113.11	4.453	15.09	0.594	28.58	1.125
RX-88	139.29	5.484	17.48	0.688	31.75	1.250
RX-89	129.77	5.109	18.26	0.719	31.75	1.250
RX-90	174.63	6.875	19.84	0.781	44.45	1.750
RX-91	286.94	11.297	30.18	1.188	45.24	1.781
RX-99	245.67	9.672	11.91	0.469	25.40	1.000
RX-201	51.46	2.026	5.74	0.226	11.30	0.445
RX-205	62.31	2.453	5.56	0.219	11.10	0.437
RX-210	97.64	3.844	9.53	0.375	19.05	0.750
RX-215	140.89	5.547	11.91	0.469	25.40	1.000

DIMENSIONS FOR RING TYPE JOINTS

TYPE BX TO ASME B16.20 (2012)

Ring Nr.	Nominal Size		Outside diameter (OD)		Width (A)		Height (H)		Hole size	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
BX-150	43	1 11/16	72.19	2.842	9.30	0.366	9.30	0.366	1.5	0.06
BX-151	46	1 13/16	76.40	3.008	9.63	0.379	9.63	0.379	1.5	0.06
BX-152	52	2 1/16	84.68	3.334	10.24	0.403	10.24	0.403	1.5	0.06
BX-153	65	2 9/16	100.94	3.974	11.38	0.448	11.38	0.448	1.5	0.06
BX-154	78	3 1/16	116.84	4.600	12.40	0.488	12.40	0.488	1.5	0.06
BX-155	103	4 1/16	147.96	5.825	14.22	0.560	14.22	0.560	1.5	0.06
BX-156	179	7 1/16	237.92	9.367	18.62	0.733	18.62	0.733	3.0	0.12
BX-157	229	9	294.46	11.593	20.98	0.826	20.98	0.826	3.0	0.12
BX-158	279	11	352.04	13.860	23.14	0.911	23.14	0.911	3.0	0.12
BX-159	346	13 5/8	426.72	16.800	25.70	1.012	25.70	1.012	3.0	0.12
BX-160	346	13 5/8	402.59	15.850	13.74	0.541	23.83	0.938	3.0	0.12
BX-161	422	16 5/8	491.41	19.347	16.21	0.638	28.07	1.105	3.0	0.12
BX-162	422	16 5/8	475.49	18.720	14.22	0.560	14.22	0.560	1.5	0.06
BX-163	476	18 3/4	556.16	21.896	17.37	0.684	30.10	1.185	3.0	0.12
BX-164	476	18 3/4	570.56	22.463	24.59	0.968	30.10	1.185	3.0	0.12
BX-165	540	21 1/4	624.71	24.595	18.49	0.728	32.03	1.261	3.0	0.12
BX-166	540	21 1/4	640.03	25.198	26.14	1.029	32.03	1.261	3.0	0.12
BX-167	680	26 3/4	759.36	29.896	13.11	0.516	35.86	1.412	1.5	0.06
BX-168	680	26 3/4	765.25	30.128	16.05	0.632	35.86	1.412	1.5	0.06
BX-169	130	5 1/8	173.51	6.831	12.93	0.509	15.85	0.624	1.5	0.06
BX-170	168	6 5/8	218.03	8.584	14.22	0.560	14.22	0.560	1.5	0.06
BX-171	218	8 9/16	267.44	10.529	14.22	0.560	14.22	0.560	1.5	0.06
BX-172	283	11 5/32	333.07	13.113	14.22	0.560	14.22	0.560	1.5	0.06
BX-303	762	30	852.75	33.573	16.97	0.668	37.95	1.494	1.5	0.06