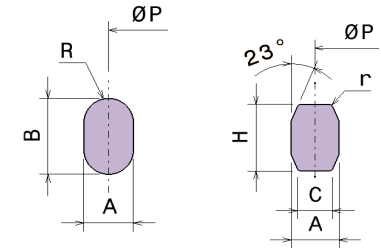




# Joint RTJ "R"

(Dimension en mm)  
RTJ Gasket "R"  
(Size in mm)



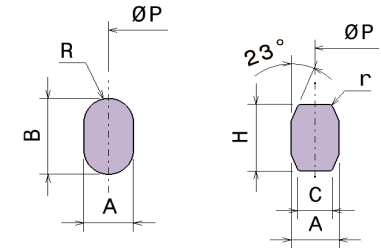
ASME B16-20 (1)					OVALE <i>Oval</i>			OCTOGONAL <i>Octagonal</i>			NF EN 12560-5					OVALE <i>Oval</i>			OCTOGONAL <i>Octagonal</i>			API 6A (2)							
N°	Ø Ext.	Ø Int.	ØP +0.18	A +0.20	B (B) +1.3 -0.5	Poids Weight (Kg)	H (B) +1.3 -0.50	C +0.20	Poids Weight (Kg)	N°	Ø Ext.	Ø Int.	ØP +0.18	A +0.20	B +0.40	Poids Weight (Kg)	H +0.40	C +0.20	Poids Weight (Kg)	N°	Ø Ext.	Ø Int.	ØP +0.18	A +0.20	B +0.50	Poids Weight (Kg)	H +0.50	C +0.20	Poids Weight (Kg)
R11	40.49	27.79	34.14	6.35	11.20	0.05	9.70	4.32	0.05	R11	40.48	27.78	34.13	6.35	11.11	0.05	9.53	4.32	0.05	R11									
R12	47.65	31.75	39.70	7.95	14.20	0.10	12.70	5.23	0.09	R12	47.63	31.75	39.69	7.94	14.29	0.10	12.70	5.23	0.09	R12									
R13	50.83	34.93	42.88	7.95	14.20	0.11	12.70	5.23	0.10	R13	50.80	34.92	42.86	7.94	14.29	0.11	12.70	5.23	0.10	R13									
R14	52.40	36.50	44.45	7.95	14.20	0.11	12.70	5.23	0.10	R14	52.39	36.51	44.45	7.94	14.29	0.11	12.70	5.23	0.10	R14									
R15	55.58	39.68	47.63	7.95	14.20	0.12	12.70	5.23	0.11	R15	55.57	39.69	47.63	7.94	14.29	0.12	12.70	5.23	0.11	R15									
R16	58.75	42.85	50.80	7.95	14.20	0.13	12.70	5.23	0.12	R16	58.74	42.86	50.80	7.94	14.29	0.13	12.70	5.23	0.12	R16									
R17	65.10	49.20	57.15	7.95	14.20	0.14	12.70	5.23	0.13	R17	65.09	49.21	57.15	7.94	14.29	0.14	12.70	5.23	0.13	R17									
R18	68.28	52.38	60.33	7.95	14.20	0.15	12.70	5.23	0.14	R18	68.27	52.39	60.33	7.94	14.29	0.15	12.70	5.23	0.14	R18									
R19	73.05	57.15	65.10	7.95	14.20	0.16	12.70	5.23	0.15	R19	73.03	57.15	65.09	7.94	14.29	0.16	12.70	5.23	0.15	R19									
R20	76.23	60.33	68.28	7.95	14.20	0.17	12.70	5.23	0.16	R20	76.20	60.32	68.26	7.94	14.29	0.17	12.70	5.23	0.16	R20	76.23	60.33	68.28	7.95	14.30	0.17	12.70	5.23	0.16
R21	83.37	61.11	72.24	11.13	17.50	0.30	16.00	7.75	0.29	R21	83.34	61.12	72.23	11.11	17.46	0.30	15.88	7.75	0.29	R21									
R22	90.50	74.60	82.55	7.95	14.20	0.21	12.70	5.23	0.19	R22	90.49	74.61	82.55	7.94	14.29	0.21	12.70	5.23	0.19	R22									
R23	93.68	71.42	82.55	11.13	17.50	0.34	16.00	7.75	0.33	R23	93.66	71.44	82.55	11.11	17.46	0.34	15.88	7.75	0.33	R23	93.68	71.42	82.55	11.13	17.50	0.34	15.90	7.75	0.33
R24	106.38	84.12	95.25	11.13	17.50	0.40	16.00	7.75	0.39	R24	106.36	84.14	95.25	11.11	17.46	0.40	15.88	7.75	0.39	R24	106.38	84.12	95.25	11.13	17.50	0.40	15.90	7.75	0.39
R25	109.55	93.65	101.60	7.95	14.20	0.25	12.70	5.23	0.23	R25	109.54	93.66	101.60	7.94	14.29	0.25	12.70	5.23	0.23	R25									
R26	112.73	90.47	101.60	11.13	17.50	0.42	16.00	7.75	0.41	R26	112.71	90.49	101.60	11.11	17.46	0.42	15.88	7.75	0.41	R26	112.73	90.47	101.60	11.13	17.50	0.42	15.90	7.75	0.41
R27	119.08	96.82	107.95	11.13	17.50	0.45	16.00	7.75	0.44	R27	119.06	96.84	107.95	11.11	17.46	0.45	15.88	7.75	0.44	R27	119.08	96.82	107.95	11.13	17.50	0.45	15.90	7.75	0.44
R28	123.83	98.43	111.13	12.70	19.10	0.57	17.50	8.66	0.56	R28	123.83	98.43	111.13	12.70	19.05	0.57	17.46	8.66	0.56	R28									
R29	122.25	106.35	114.30	7.95	14.20	0.28	12.70	5.23	0.26	R29	122.24	106.36	114.30	7.94	14.29	0.28	12.70	5.23	0.26	R29									
R30	128.61	106.35	117.48	11.13	17.50	0.49	16.00	7.75	0.48	R30	128.59	106.37	117.48	11.11	17.46	0.49	15.88	7.75	0.48	R30									
R31	134.96	112.70	123.83	11.13	17.50	0.52	16.00	7.75	0.50	R31	134.94	112.72	123.83	11.11	17.46	0.52	15.88	7.75	0.50	R31	134.96	112.70	123.83	11.13	17.50	0.52	15.90	7.75	0.50
R32	139.70	114.30	127.00	12.70	19.10	0.65	17.50	8.66	0.64	R32	139.70	114.30	127.00	12.70	19.05	0.65	17.46	8.66	0.64	R32									
R33	139.73	123.83	131.78	7.95	14.20	0.33	12.70	5.23	0.30	R33										R33									
R34	142.91	120.65	131.78	11.13	17.50	0.55	16.00	7.75	0.53	R34										R34									
R35	147.66	125.40	136.53	11.13	17.50	0.57	16.00	7.75	0.55	R35	147.64	125.42	136.53	11.11	17.46	0.57	15.88	7.75	0.55	R35	147.66	125.40	136.53	11.13	17.50	0.57	15.90	7.75	0.55
R36	157.18	141.28	149.23	7.95	14.20	0.37	12.70	5.23	0.34	R36	157.17	141.29	149.23	7.94	14.29	0.37	12.70	5.23	0.34	R36									
R37	160.36	138.10	149.23	11.13	17.50	0.62	16.00	7.75	0.60	R37	160.34	138.12	149.23	11.11	17.46	0.62	15.88	7.75	0.60	R37	160.36	138.10	149.23	11.13	17.50	0.62	15.90	7.75	0.60
R38	173.06	141.30	157.18	15.88	22.40	1.17	20.60	10.49	1.15	R38	173.04	141.28	157.16	15.88	22.23	1.17	20.64	10.49	1.15	R38									
R39	173.06	150.80	161.93	11.13	17.50	0.67	16.00	7.75	0.66	R39	173.04	150.82	161.93	11.11	17.46	0.67	15.88	7.75	0.66	R39	173.06	150.80	161.93	11.13	17.50	0.67	15.90	7.75	0.66
R40	179.40	163.50	171.45	7.95	14.20	0.43	12.70	5.23	0.39	R40	179.39	163.51	171.45	7.94	14.29	0.43	12.70	5.23	0.39	R40									
R41	192.11	169.85	180.98	11.13	17.50	0.75	16.00	7.75	0.73	R41	192.09	169.87	180.98	11.11	17.46	0.75	15.88	7.75	0.73	R41	192.11	169.85	180.98	11.13	17.50	0.75	15.90	7.75	0.73
R42	209.55	171.45	190.50	19.05	25.40	1.92	23.90	12.32	1.89	R42	209.55	171.45	190.50	19.05	25.40	1.92	23.81	12.32	1.89	R42									
R43	201.63	185.73	193.68	7.95	14.20	0.48	12.70	5.23	0.44	R43	201.62	185.74	193.68	7.94	14.29	0.48	12.70	5.23	0.44	R43									
R44	204.81	182.55	193.68	11.13	17.50	0.81	16.00	7.75	0.78	R44	204.79	182.57	193.68	11.11	17.46	0.81	15.88	7.75	0.78	R44	204.81	182.55	193.68	11.13	17.50	0.81	15.90	7.75	0.78





# Joint RTJ "R"

(Dimension en mm)  
RTJ Gasket "R"  
(Size in mm)



ASME B16-20 (1)					OVALE Oval		OCTOGONAL Octagonal			NF EN 12560-5					OVALE Oval		OCTOGONAL Octagonal			API 6A (2)					OVALE Oval		OCTOGONAL Octagonal				
N°	Ø Ext.	Ø Int.	ØP +0.18	A +0.20	B (3) +1.3 -0.5	Poids Weight (Kg)	H (3) +1.3 -0.50	C +0.20	Poids Weight (Kg)	N°	Ø Ext.	Ø Int.	ØP +0.18	A +0.20	B +0.40	Poids Weight (Kg)	H +0.40	C +0.20	Poids Weight (Kg)	N°	Ø Ext.	Ø Int.	ØP +0.18	A +0.20	B +0.50	Poids Weight (Kg)	H +0.50	C +0.20	Poids Weight (Kg)		
R79	727.08	657.22	692.15	34.93	44.5	22.17	41.4	24.82	22.70	R79	727.08	657.22	692.15	34.93	44.45	22.17	41.28	24.82	22.70	R79											
R80	623.90	608.00	615.95	7.95			12.70	5.23	1.41	R80											R80										
R81	649.30	620.70	635.00	14.30			19.1	9.58	3.88	R81											R81										
R82	68.28	46.02	57.15	11.13			16	7.75	0.23	R82											R82	68.28	46.02	57.15	11.13			15.9	7.75	0.23	
R84	74.63	52.37	63.5	11.13			16	7.75	0.26	R84											R84	74.63	52.37	63.5	11.13			15.9	7.75	0.26	
R85	92.08	66.68	79.38	12.70			17.5	8.66	0.40	R85											R85	92.08	66.68	79.38	12.70			17.5	8.66	0.40	
R86	106.38	74.62	90.50	15.88			20.6	10.49	0.66	R86											R86	106.38	74.62	90.50	15.88			20.6	10.49	0.66	
R87	115.91	84.15	100.03	15.88			20.6	10.49	0.73	R87											R87	115.91	84.15	100.03	15.88			20.6	10.49	0.73	
R88	142.88	104.78	123.83	19.05			23.9	12.32	1.23	R88											R88	142.88	104.78	123.83	19.05			23.9	12.32	1.23	
R89	133.35	95.25	114.30	19.05			23.9	12.31	1.14	R89											R89	133.35	95.25	114.30	19.05			23.9	12.31	1.14	
R90	177.81	133.35	155.58	22.23			26.9	14.81	2.07	R90											R90	177.81	133.35	155.58	22.23			26.9	14.81	2.07	
R91	292.10	228.60	260.35	31.75			38.10	22.33	7.14	R91											R91	292.10	228.60	260.35	31.75			38.10	22.33	7.14	
R92	239.73	217.47	228.60	11.13	17.5	0.95	16	7.75	0.93	R92											R92										
R93	768.35	730.25	749.30	19.05			23.9	12.32	7.44	R93											R93										
R94	819.15	781.05	800.10	19.05			23.9	12.32	7.95	R94											R94										
R95	876.30	838.20	857.25	19.05			23.9	12.32	8.52	R95											R95										
R96	936.63	892.17	914.40	22.23			26.9	14.81	12.14	R96											R96										
R97	987.43	942.97	965.20	22.23			26.9	14.81	12.88	R97											R97										
R98	1044.58	1000.12	1022.35	22.23			26.9	14.81	13.58	R98											R98										
R99	246.08	223.82	234.95	11.13			16	7.75	0.95	R99											R99	246.08	223.82	234.95	11.13			15.9	7.75	0.95	
R100	777.88	720.72	749.30	28.58			35.1	19.81	16.88	R100											R100										
R101	831.85	768.35	800.10	31.75			38.1	22.33	21.95	R101											R101										
R102	889.00	825.50	857.25	31.75			38.1	22.33	23.51	R102											R102										
R103	946.15	882.65	914.40	31.75			38.1	22.33	25.08	R103											R103										
R104	1000.13	930.27	965.20	34.93			41.4	24.82	31.66	R104											R104										
R105	1057.28	987.42	1022.35	34.93			41.4	24.82	33.53	R105											R105										

**NOTA:**

- (1) : la plus restrictive des normes pour le joint RTJ puisqu'il est obligatoire que le fabricant soit agréé API 6. Les joints doivent être monogrammés du logo API suivi du numéro d'agrément du fabricant (pour SPM: 6A0200).
- (2) : Norme la plus courante et la moins restrictive.
- (3) : Attention, les tolérances sont plus larges que celles imposées par les normes NF EN12560-5 et API6A. Les conséquences sont qu'il y a un risque de dysfonctionnement si un joint selon ASME B16-20 est monté sur un appareil haute pression étudié selon API.

**NOTE:**

- (1) : The most restrictive standards for RTJ gasket. It is required that the manufacturer is authorized API 6. The gaskets must be monogrammed logo follow the API manufacturer approval number (for SPM : 6A0200).
- (2) : Standard most common and least restrictive.
- (3) : Warning, the tolerances are wider than those imposed by the NF EN12560-5 and API6A standards. The consequences are that there is a risk of malfunction if a gasket as ASME B16-20 is mounted on a high pressure vessel designed according to API.