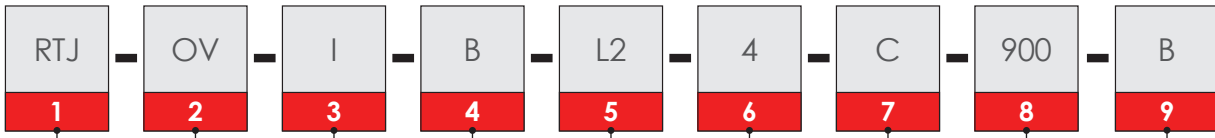


RTJ ORIFICE PLATES

RTJ (Ring Type Joint) Orifice Plates are designed and manufactured 100% in house.

Mac-Weld RTJ orifice plates are available in a variety of materials, and bore configurations. RTJ's are recommended for high-temperature and highpressure applications, involving clean liquids, gases and slower steam flows.



1 Plate Style

Code	Style
RTJ	RTJ style plate

2 Ring Style

Code	Description
OV	Oval
OC	Octagonal
GR	Place holder

3 Design Style

Code	Description
I	Integral
H	Holder
F	Female

4 Bore Style

Code	Description
B	Bevelled
R	Restriction
Q	Quadrant
S	Segmental

5 Material

Code	Grade
C1	Aluminum 6061
D2	Carbon Steel W44
D3	Carbon Steel A572
D4	Carbon Steel A516Gr70 CRN
D5	Carbon Steel Smls
D6	Carbon Steel A53
E1	Carbon Steel ASTM A105
E2	LF2
E3	Carbon Steel 12L14
E4	Carbon Steel 1018
F1	Chrome-Moly-F11 CRN
F2	Duplex F51/2205 CRN
F3	Super Duplex F53/2507 CRN
F4	Stainless F44/254 SMO
F5	Super Duplex F55 CRN
F6	Chrome-Moly-F5 CRN
F7	Chrome-Moly-F9 CRN
F8	Chrome-Moly-F91 CRN
G1	Chrome-M-Moly F22 CRN
H2	304/304L CRN
H3	304H
J1	317 CRN
J3	317L CRN
K1	310 CRN
K2	310H CRN
L2	316/316L CRN
L3	316H

5 Material (continued)

Code	Grade
M2	321/H CRN
M3	RA330
N2	347/H CRN
N3	410
N4	446
N5	HR160
P1	Alloy 600 CRN
P2	Alloy 625 CRN
P3	Alloy 601 CRN
Q1	Alloy 825 CRN
Q3	Alloy 800/H/HT CRN
R1	Alloy 400 CRN
R2	Alloy K500
S1	Alloy 200 CRN
S2	Alloy 20 CRN
S3	904L
S4	AL-6XN
T1	Tit Gr2 CRN
T2	Tit Gr5
T3	Tit Gr7
U1	Alloy C-276 CRN
U2	Alloy B2
U3	Alloy B3 CRN
U4	Alloy C-22 CRN
U5	Alloy X
W1	Teflon
Y1	PVC
Y2	CPVC
Z1	Zirc 702

6 Line Size

Code	Size
0.5	1/2" CRN
0.75	3/4" CRN
1	1" CRN
1.5	1-1/2" CRN
2	2" CRN
2.5	2-1/2" CRN
3	3" CRN
4	4" CRN
6	6" CRN
8	8" CRN
10	10" CRN
12	12" CRN
14	14" CRN
16	16" CRN
18	18" CRN
20	20" CRN
24	24" CRN
26	26" CRN

6 Line Size

Code	Size
28	28"
30	30"

Larger sizes can be quoted per request.

7 Bore Location

Code	Description
C	Concentric
E	Eccentric
S	Segmental

8 Rating

Code	Description
150	150#
300	300#
600	600#
900	900#
1500	1500#
2500	2500#

9 Plate Thickness

Code	Description
A	0.125 CRN
B	0.25 CRN
C	0.375 CRN
D	0.5 CRN
E	0.188 CRN
F	0.8333 CRN
G	1.1667 CRN
H	1.5 CRN
I	0.625 CRN
J	0.6875 CRN
K	0.75 CRN
L	0.8125 CRN
M	0.875 CRN
N	0.9375 CRN
O	1 CRN
P	1.0625 CRN
Q	1.125 CRN
R	1.1875 CRN
S	1.25 CRN
T	1.3125 CRN
U	1.375 CRN
V	1.4375 CRN
W	1.5 CRN
Y	1.625 CRN
Z	1.75 CRN
1	1.875 CRN
2	2 CRN
3	0.0625 CRN
X	X

CRN available with thickness restrictions. **CRN**



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