WAUKESHA FOUNDRY EST. 1912

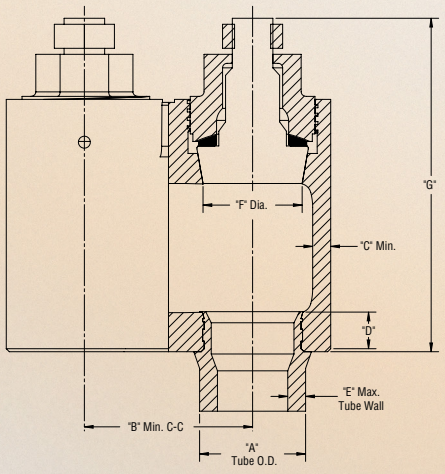
WF-REPCO™ TYPE 30

Return Bends

As the recognized brand leader, the WF-Repco™ line is dependable, can stand up to harsh environments, and withstands high stress levels. The full 360° threaded top of the Type 30 Return Bend* provides additional strength and is more suitable for use at higher temperatures or pressures than other fittings.

WF-Repco™ Advantages

- Top holding member has a full 360° bearing
- Holding members have an external hexagon combined with a threaded stem plug and top nut, which provides the ability to retain closure parts in an assembled form after removal from the body
- Alternative closure design available which incorporates an internal hexagon holding member and slotted stem plug
- Equalizing ring between the plug and the holding member ensures that the plug is held squarely in position to form a superior seal in the plug seating
- Available with small or large plug designs (where it is required to replace tubes by passing through the plug hole and tube holes of installed fittings, the large plug design is essential)

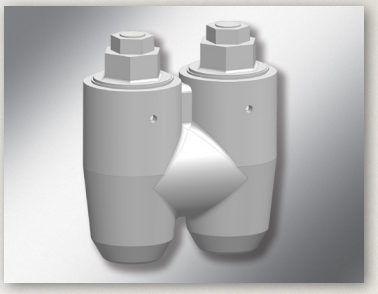


Engineering drawing is representative of a basic concept; we can design products to meet your exact specifications.

To determine the right series of fittings for your application, refer to the pressure-temperature rating chart on the back of this sheet.

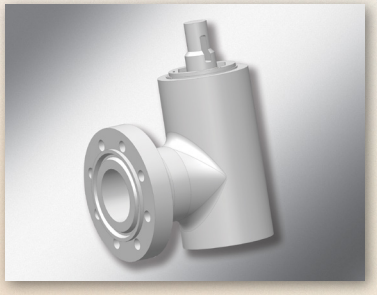
** Deflector plugs are not recommended in these fittings.*

Rolled Joint Return Bend, Type 30 (External Hexagon)



Butt-Weld Return Bend, Type 30W2

Rolled Joint Return Bend, Type 30 (Internal Hexagon)



Rolled Joint Flanged Terminal, Type 30 (Internal Hexagon)

WF-Repco™ Type 30 Rating Chart

The following ratings are based on fittings having body and plug material made to A.S.T.M. specifications.

A.S.T.M. Material Specifications			Pressure (P.S.I.) at Temperature (Degrees at Fahrenheit)													
			750°	775°	800°	825°	850°	875°	900°	925°	950°	975°	1000°	1025°	1050°	1075°	1200°
500 lb. Series	A-216 GR.	WCB	815	740	660	585	510	435	360	-	-	-	-	-	-	-	-
	A-217 GR.	WC1	895	880	865	830	795	740	690	620	550	450	345	-	-	-	-
		WC6	956	950	940	905	870	820	775	690	605	520	430	365	305	260	220
		WC9	965	950	940	905	870	820	775	690	605	520	430	375	320	275	230
		C5	965	950	940	905	870	820	750	650	550	475	405	345	285	235	180
		C12	965	950	940	905	870	820	775	690	605	520	430	375	305	245	180
	A-351 GR.	CF8	575	570	565	565	560	555	550	545	540	520	430	375	320	275	230
		CF8M	605	600	595	590	585	575	570	565	560	520	430	375	320	275	230
		CF8C	660	660	655	650	640	630	625	620	605	520	430	375	320	275	230
850 lb. Series	A-216 GR.	WCB	1310	1190	1065	945	820	700	575	-	-	-	-	-	-	-	-
	A-217 GR.	WC1	1440	1415	1390	1335	1280	1195	1110	1000	890	720	555	-	-	-	-
		WC6	1550	1530	1510	1455	1405	1325	1245	1110	975	835	695	590	490	420	355
		WC9	1550	1530	1510	1455	1405	1325	1245	1110	975	835	695	605	515	445	375
		C5	1550	1530	1510	1455	1405	1325	1210	1050	890	770	650	555	460	375	295
		C12	1550	1530	1510	1455	1405	1325	1245	1110	975	835	695	605	490	390	295
	A-351 GR.	CF8	925	915	910	905	900	895	890	875	865	835	695	605	515	445	375
		CF8M	975	970	960	950	940	930	915	905	895	835	695	605	515	445	375
		CF8C	1065	1060	1055	1045	1030	1015	1005	1000	975	835	695	605	515	445	375
1,275 lb. Series	A-216 GR.	WCB	2040	1850	1660	1470	1280	1090	900	-	-	-	-	-	-	-	-
	A-217 GR.	WC1	2250	2205	2165	2080	1995	1860	1730	1555	1385	1125	865	-	-	-	-
		WC6	2420	2385	2355	2270	2185	2060	1940	1730	1520	1300	1080	920	760	655	555
		WC9	2420	2385	2355	2270	2185	2060	1940	1730	1520	1300	1080	940	805	690	580
		C5	2420	2385	2355	2270	2185	2060	1880	1635	1385	1195	1010	865	720	590	455
		C12	2420	2385	2355	2270	2185	2060	1940	1730	1520	1300	1080	940	760	610	455
	A-351 GR.	CF8	1440	1430	1420	1410	1405	1395	1385	1365	1350	1300	1080	940	805	690	580
		CF8M	1520	1505	1495	1475	1465	1445	1425	1410	1400	1300	1080	940	805	690	580
		CF8C	1660	1650	1645	1630	1605	1585	1565	1555	1520	1300	1080	940	805	690	580
1,700 lb. Series	A-216 GR.	WCB	2620	2375	2130	1885	1645	1490	1155	-	-	-	-	-	-	-	-
	A-217 GR.	WC1	2885	2835	2780	2670	2555	2390	2220	2000	1775	1445	1110	-	-	-	-
		WC6	3100	3065	3020	2915	2805	2645	2485	2220	1955	1670	1385	1180	975	845	710
		WC9	3100	3065	3020	2915	2805	2645	2485	2220	1955	1670	1385	1210	1030	890	745
		C5	3100	3065	3020	2915	2805	2645	2415	2095	1775	1535	1295	1110	925	755	585
		C12	3100	3065	3020	2915	2805	2645	2485	2220	1955	1670	1385	1210	975	780	585
	A-351 GR.	CF8	1845	1830	1820	1810	1805	1790	1775	1755	1730	1670	1385	1210	1030	890	745
		CF8M	1955	1940	1920	1900	1885	1855	1830	1810	1795	1670	1385	1210	1030	890	745
		CF8C	2130	2120	2115	2090	2060	2035	2005	2000	1955	1670	1385	1210	1030	890	745
2,000 lb. Series	A-216 GR.	WCB	3270	2965	2660	2355	2050	1745	1440	-	-	-	-	-	-	-	-
	A-217 GR.	WC1	3600	3535	3470	3330	3190	2980	2770	2495	2215	1800	1385	-	-	-	-
		WC6	3875	3825	3765	3635	3500	3300	3100	2770	2440	2085	1730	1475	1220	1055	885
		WC9	3875	3825	3765	3635	3500	3300	3100	2770	2440	2085	1730	1505	1285	1110	930
		C5	3875	3825	3765	3635	3500	3300	3015	2615	2215	1915	1620	1385	1150	940	730
		C12	3875	3825	3765	3635	3500	3300	3100	2770	2440	2085	1730	1505	1220	975	730
	A-351 GR.	CF8	2305	2290	2270	2260	2250	2235	2215	2190	2160	2085	1730	1505	1285	1110	930
		CF8M	2440	2415	2395	2370	2350	2315	2280	2260	2240	2085	1730	1505	1285	1110	930
		CF8C	2660	2650	2635	2600	2570	2535	2505	2495	2440	2085	1730	1505	1285	1110	930

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See What We Can Do for You

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