

## 3490AS MJ / 3490CS MJ-CS TAP SLEEVE W/MECHANICAL JOINT OUTLET

**MJ OUTLET:** Type 304 (18-8) Stainless Steel per ASTM A743 and ANSI/AWWA C111. Or Carbon Steel. Solid One-Piece casting.

**PANEL:** Type 304 (18-8) Stainless Steel per ASTM A240.

**SHELL GASKET:** SBR Chek-O-Seal with multi o-ring sealing ribs from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for mild acids, water and salt media with a temperature range of -25°F to +200°F per ASTM D2000. Other materials available.

**BRANCH GASKET:** NBR per ASTM D2000 with Hydro TwinSeal® dual o-ring design incorporating both hydrostatic and mechanical forces to affect a dynamic seal.

**BOLTS & NUTS:** Type 304 (18-8) Stainless Steel per ASTM A193 and A194 for sleeves with Stainless Steel MJ and Low Alloy Steel Bolts and Nuts per ASTM A325 and ASTM A563 for sleeves with Carbon Steel MJ. NOTE: Stainless Steel hex nuts are furnished with fusion bonded coating to prevent seizing and galling.



Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
4	100	A	4.50-4.70	114-119	X	2	50	349004A020MJ	\$ 1,508.70	349004A020MJ-CS	\$ 1,387.80
		B	4.70-4.90	119-124				349004B020MJ		349004B020MJ-CS	
		C	4.80-5.00	112-127				349004C020MJ		349004C020MJ-CS	
		D	5.10-5.30	130-135				349004D020MJ		349004D020MJ-CS	
		E	5.20-5.40	132-137				349004E020MJ		349004E020MJ-CS	
4	100	A	4.50-4.70	114-119	X	3	80	349004A030MJ	\$ 1,525.30	349004A030MJ-CS	\$ 1,387.80
		B	4.70-4.90	119-124				349004B030MJ		349004B030MJ-CS	
		C	4.80-5.00	112-127				349004C030MJ		349004C030MJ-CS	
		D	5.10-5.30	130-135				349004D030MJ		349004D030MJ-CS	
		E	5.20-5.40	132-137				349004E030MJ		349004E030MJ-CS	
4	100	A	4.50-4.70	114-119	X	4	100	349004A040MJ	\$ 1,525.30	349004A040MJ-CS	\$ 1,387.80
		B	4.70-4.90	119-124				349004B040MJ		349004B040MJ-CS	
		C	4.80-5.00	112-127				349004C040MJ		349004C040MJ-CS	
		D	5.10-5.30	130-135				349004D040MJ		349004D040MJ-CS	
		E	5.20-5.40	132-137				349004E040MJ		349004E040MJ-CS	
6	150	A	6.00-6.20	152-157	X	2	50	349006A020MJ	\$ 1,465.20	349006A020MJ-CS	\$ 1,398.90
		B	6.60-7.00	168-178				349006B020MJ		349006B020MJ-CS	
		C	6.90-7.30	175-185				349006C020MJ		349006C020MJ-CS	
		D	7.10-7.50	180-191				349006D020MJ		349006D020MJ-CS	
6	150	A	6.00-6.20	152-157	X	3	80	349006A030MJ	\$ 1,481.30	349006A030MJ-CS	\$ 1,398.90
		B	6.60-7.00	168-178				349006B030MJ		349006B030MJ-CS	
		C	6.90-7.30	175-185				349006C030MJ		349006C030MJ-CS	
		D	7.10-7.50	180-191				349006D030MJ		349006D030MJ-CS	
6	150	A	6.00-6.20	152-157	X	4	100	349006A040MJ	\$ 1,497.80	349006A040MJ-CS	\$ 1,398.90
		B	6.60-7.00	168-178				349006B040MJ		349006B040MJ-CS	
		C	6.90-7.30	175-185				349006C040MJ		349006C040MJ-CS	
		D	7.10-7.50	180-191				349006D040MJ		349006D040MJ-CS	

**3490AS MJ / 3490CS MJ-CS TAP SLEEVE W/MECHANICAL JOINT OUTLET**

Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
6	150	B	6.60-7.00	168-178	X	6	150	349006B060MJ	\$ 1,663.30	349006B060MJ-CS	\$ 1,464.50
		C	6.90-7.30	175-185				349006C060MJ		349006C060MJ-CS	
		D	7.10-7.50	180-191				349006D060MJ		349006D060MJ-CS	
8	200	A	7.90-8.30	201-211	X	2	50	349008A020MJ	\$ 1,555.40	349008A020MJ-CS	\$ 1,506.60
		B	8.60-9.05	218-230				349008B020MJ		349008B020MJ-CS	
		C	9.05-9.45	230-240				349008C020MJ		349008C020MJ-CS	
		D	9.20-9.60	234-244				349008D020MJ		349008D020MJ-CS	
8	200	A	7.90-8.30	201-211	X	3	80	349008A030MJ	\$ 1,572.50	349008A030MJ-CS	\$ 1,506.70
		B	8.60-9.05	218-230				349008B030MJ		349008B030MJ-CS	
		C	9.05-9.45	230-240				349008C030MJ		349008C030MJ-CS	
		D	9.20-9.60	234-244				349008D030MJ		349008D030MJ-CS	
8	200	A	7.90-8.30	201-211	X	4	100	349008A040MJ	\$ 1,590.00	349008A040MJ-CS	\$ 1,506.70
		B	8.60-9.05	218-230				349008B040MJ		349008B040MJ-CS	
		C	9.05-9.45	230-240				349008C040MJ		349008C040MJ-CS	
		D	9.20-9.60	234-244				349008D040MJ		349008D040MJ-CS	
8	200	A	7.90-8.30	201-211	X	6	150	349008A060MJ	\$ 1,785.60	349008A060MJ-CS	\$ 1,578.60
		B	8.60-9.05	218-230				349008B060MJ		349008B060MJ-CS	
		C	9.05-9.45	230-240				349008C060MJ		349008C060MJ-CS	
		D	9.20-9.60	234-244				349008D060MJ		349008D060MJ-CS	
8	200	B	8.60-9.05	218-230	X	8	200	349008B080MJ	\$ 2,476.70	349008B080MJ-CS	\$ 1,871.10
		C	9.05-9.45	230-240				349008C080MJ		349008C080MJ-CS	
		D	9.20-9.60	234-244				349008D080MJ		349008D080MJ-CS	
10	250	A	9.90-10.30	251-262	X	2	50	349010A020MJ	\$ 1,778.30	349010A020MJ-CS	\$ 1,744.40
		B	10.70-11.10	272-282				349010B020MJ		349010B020MJ-CS	
		C	11.10-11.50	282-292				349010C020MJ		349010C020MJ-CS	
		D	11.40-11.80	290-300				349010D020MJ		349010D020MJ-CS	
		E	11.80-12.20	300-310				349010E020MJ		349010E020MJ-CS	
10	250	A	9.90-10.30	251-262	X	3	80	349010A030MJ	\$ 1,797.80	349010A030MJ-CS	\$ 1,744.40
		B	10.70-11.10	272-282				349010B030MJ		349010B030MJ-CS	
		C	11.10-11.50	282-292				349010C030MJ		349010C030MJ-CS	
		D	11.40-11.80	290-300				349010D030MJ		349010D030MJ-CS	
		E	11.80-12.20	300-310				349010E030MJ		349010E030MJ-CS	
10	250	A	9.90-10.30	251-262	X	4	100	349010A040MJ	\$ 1,817.80	349010A040MJ-CS	\$ 1,744.40
		B	10.70-11.10	272-282				349010B040MJ		349010B040MJ-CS	
		C	11.10-11.50	282-292				349010C040MJ		349010C040MJ-CS	
		D	11.40-11.80	290-300				349010D040MJ		349010D040MJ-CS	
		E	11.80-12.20	300-310				349010E040MJ		349010E040MJ-CS	

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Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
10	250	A	9.90-10.30	251-262	X	6	150	349010A060MJ	\$ 2,032.20	349010A060MJ-CS	\$ 1,836.70
		B	10.70-11.10	272-282				349010B060MJ		349010B060MJ-CS	
		C	11.10-11.50	282-292				349010C060MJ		349010C060MJ-CS	
		D	11.40-11.80	290-300				349010D060MJ		349010D060MJ-CS	
		E	11.80-12.20	300-310				349010E060MJ		349010E060MJ-CS	
10	250	A	9.90-10.30	251-262	X	8	200	349010A080MJ	\$ 2,520.00	349010A080MJ-CS	\$ 2,181.10
		B	10.70-11.10	272-282				349010B080MJ		349010B080MJ-CS	
		C	11.10-11.50	282-292				349010C080MJ		349010C080MJ-CS	
		D	11.40-11.80	290-300				349010D080MJ		349010D080MJ-CS	
		E	11.80-12.20	300-310				349010E080MJ		349010E080MJ-CS	
10	250	B	10.70-11.10	272-282	X	10	250	349010B100MJ	\$ 3,764.40	349010B100MJ-CS	\$ 3,425.40
		C	11.10-11.50	282-292				349010C100MJ		349010C100MJ-CS	
		D	11.40-11.80	290-300				349010D100MJ		349010D100MJ-CS	
		E	11.80-12.20	300-310				349010E100MJ		349010E100MJ-CS	
12	300	A	11.90-12.30	302-312	X	2	50	349012A020MJ	\$ 1,979.30	349012A020MJ-CS	\$ 1,918.50
		B	12.50-12.90	318-328				349012B020MJ		349012B020MJ-CS	
		C	13.20-13.60	335-345				349012C020MJ		349012C020MJ-CS	
		D	13.40-13.80	340-351				349012D020MJ		349012D020MJ-CS	
		E	13.90-14.30	355-363				349012E020MJ		349012E020MJ-CS	
12	300	A	11.90-12.30	302-312	X	3	80	349012A030MJ	\$ 2,001.20	349012A030MJ-CS	\$ 1,939.60
		B	12.50-12.90	318-328				349012B030MJ		349012B030MJ-CS	
		C	13.20-13.60	335-345				349012C030MJ		349012C030MJ-CS	
		D	13.40-13.80	340-351				349012D030MJ		349012D030MJ-CS	
		E	13.90-14.30	355-363				349012E030MJ		349012E030MJ-CS	
12	300	A	11.90-12.30	302-312	X	4	100	349012A040MJ	\$ 2,023.30	349012A040MJ-CS	\$ 1,961.10
		B	12.50-12.90	318-328				349012B040MJ		349012B040MJ-CS	
		C	13.20-13.60	335-345				349012C040MJ		349012C040MJ-CS	
		D	13.40-13.80	340-351				349012D040MJ		349012D040MJ-CS	
		E	13.90-14.30	355-363				349012E040MJ		349012E040MJ-CS	
12	300	A	11.90-12.30	302-312	X	6	150	349012A060MJ	\$ 2,301.10	349012A060MJ-CS	\$ 2,117.80
		B	12.50-12.90	318-328				349012B060MJ		349012B060MJ-CS	
		C	13.20-13.60	335-345				349012C060MJ		349012C060MJ-CS	
		D	13.40-13.80	340-351				349012D060MJ		349012D060MJ-CS	
		E	13.90-14.30	355-363				349012E060MJ		349012E060MJ-CS	
12	300	A	11.90-12.30	302-312	X	8	200	349012A080MJ	\$ 2,917.80	349012A080MJ-CS	\$ 2,600.00
		B	12.50-12.90	318-328				349012B080MJ		349012B080MJ-CS	
		C	13.20-13.60	335-345				349012C080MJ		349012C080MJ-CS	
		D	13.40-13.80	340-351				349012D080MJ		349012D080MJ-CS	
		E	13.90-14.30	355-363				349012E080MJ		349012E080MJ-CS	

**3490AS MJ / 3490CS MJ-CS TAP SLEEVE W/MECHANICAL JOINT OUTLET**

Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
12	300	A	11.90-12.30	302-312	X	10	250	349012A100MJ	\$ 3,695.60	349012A100MJ-CS	\$ 3,400.00
		B	12.50-12.90	318-328				349012B100MJ		349012B100MJ-CS	
		C	13.20-13.60	335-345				349012C100MJ		349012C100MJ-CS	
		D	13.40-13.80	340-351				349012D100MJ		349012D100MJ-CS	
		E	13.90-14.30	355-363				349012E100MJ		349012E100MJ-CS	
12	300	B	12.50-12.90	318-328	X	12	300	349012B120MJ	\$ 3,986.70	349012B120MJ-CS	\$ 3,764.40
		C	13.20-13.60	335-345				349012C120MJ		349012C120MJ-CS	
		D	13.40-13.80	340-351				349012D120MJ		349012D120MJ-CS	
		E	13.90-14.30	355-363				349012E120MJ		349012E120MJ-CS	
14	350	A	15.00-15.40	381-391	X	2	50	349014A020MJ	\$ 2,317.40	349014A020MJ-CS	\$ 2,289.10
		B	15.30-15.70	389-399				349014B020MJ		349014B020MJ-CS	
		C	15.90-16.30	404-414				349014C020MJ		349014C020MJ-CS	
		D	16.40-16.80	417-427				349014D020MJ		349014D020MJ-CS	
14	350	A	15.00-15.40	381-391	X	3	80	349014A030MJ	\$ 2,342.90	349014A030MJ-CS	\$ 2,314.30
		B	15.30-15.70	389-399				349014B030MJ		349014B030MJ-CS	
		C	15.90-16.30	404-414				349014C030MJ		349014C030MJ-CS	
		D	16.40-16.80	417-427				349014D030MJ		349014D030MJ-CS	
14	350	A	15.00-15.40	381-391	X	4	100	349014A040MJ	\$ 2,368.90	349014A040MJ-CS	\$ 2,340.00
		B	15.30-15.70	389-399				349014B040MJ		349014B040MJ-CS	
		C	15.90-16.30	404-414				349014C040MJ		349014C040MJ-CS	
		D	16.40-16.80	417-427				349014D040MJ		349014D040MJ-CS	
14	350	A	15.00-15.40	381-391	X	6	150	349014A060MJ	\$ 2,650.00	349014A060MJ-CS	\$ 2,593.40
		B	15.30-15.70	389-399				349014B060MJ		349014B060MJ-CS	
		C	15.90-16.30	404-414				349014C060MJ		349014C060MJ-CS	
		D	16.40-16.80	417-427				349014D060MJ		349014D060MJ-CS	
14	350	A	15.00-15.40	381-391	X	8	200	349014A080MJ	\$ 3,221.10	349014A080MJ-CS	\$ 3,151.10
		B	15.30-15.70	389-399				349014B080MJ		349014B080MJ-CS	
		C	15.90-16.30	404-414				349014C080MJ		349014C080MJ-CS	
		D	16.40-16.80	417-427				349014D080MJ		349014D080MJ-CS	
14	350	A	15.00-15.40	381-391	X	10	250	349014A100MJ	\$ 4,067.80	349014A100MJ-CS	\$ 3,993.30
		B	15.30-15.70	389-399				349014B100MJ		349014B100MJ-CS	
		C	15.90-16.30	404-414				349014C100MJ		349014C100MJ-CS	
		D	16.40-16.80	417-427				349014D100MJ		349014D100MJ-CS	
14	350	A	15.00-15.40	381-391	X	12	300	349014A120MJ	\$ 4,456.70	349014A120MJ-CS	\$ 4,447.80
		B	15.30-15.70	389-399				349014B120MJ		349014B120MJ-CS	
		C	15.90-16.30	404-414				349014C120MJ		349014C120MJ-CS	
		D	16.40-16.80	417-427				349014D120MJ		349014D120MJ-CS	
16	400	A	17.00-17.40	432-442	X	2	50	349016A020MJ	\$ 2,756.50	349016A020MJ-CS	\$ 2,738.00
		B	17.40-17.80	442-452				349016B020MJ		349016B020MJ-CS	
		C	17.70-18.10	450-460				349016C020MJ		349016C020MJ-CS	

### 3490AS MJ / 3490CS MJ-CS TAP SLEEVE W/MECHANICAL JOINT OUTLET

Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
16	400	A	17.00-17.40	432-442	X	3	80	349016A030MJ	\$ 2,786.80	349016A030MJ-CS	\$ 2,768.10
		B	17.40-17.80	442-452				349016B030MJ		349016B030MJ-CS	
		C	17.70-18.10	450-460				349016C030MJ		349016C030MJ-CS	
16	400	A	17.00-17.40	432-442	X	4	100	349016A040MJ	\$ 2,817.80	349016A040MJ-CS	\$ 2,798.90
		B	17.40-17.80	442-452				349016B040MJ		349016B040MJ-CS	
		C	17.70-18.10	450-460				349016C040MJ		349016C040MJ-CS	
16	400	A	17.00-17.40	432-442	X	6	150	349016A060MJ	\$ 3,254.40	349016A060MJ-CS	\$ 3,210.00
		B	17.40-17.80	442-452				349016B060MJ		349016B060MJ-CS	
		C	17.70-18.10	450-460				349016C060MJ		349016C060MJ-CS	
16	400	A	17.00-17.40	432-442	X	8	200	349016A080MJ	\$ 3,595.60	349016A080MJ-CS	\$ 3,528.90
		B	17.40-17.80	442-452				349016B080MJ		349016B080MJ-CS	
		C	17.70-18.10	450-460				349016C080MJ		349016C080MJ-CS	
16	400	A	17.00-17.40	432-442	X	10	250	349016A100MJ	\$ 3,839.90	349016A100MJ-CS	\$ 3,782.00
		B	17.40-17.80	442-452				349016B100MJ		349016B100MJ-CS	
		C	17.70-18.10	450-460				349016C100MJ		349016C100MJ-CS	
16	400	A	17.00-17.40	432-442	X	12	300	349016A120MJ	\$ 4,812.20	349016A120MJ-CS	\$ 4,754.40
		B	17.40-17.80	442-452				349016B120MJ		349016B120MJ-CS	
		C	17.70-18.10	450-460				349016C120MJ		349016C120MJ-CS	
16	400	A	17.00-17.40	432-442	X	14	350	349016A140MJ	POA	349016A140MJ-CS	N/A
		B	17.40-17.80	442-452				349016B140MJ		349016B140MJ-CS	
		C	17.70-18.10	450-460				349016C140MJ		349016C140MJ-CS	
16	400	A	17.00-17.40	432-442	X	16	400	349016A160MJ	\$ 10,770.50	349016A160MJ-CS	POA
		B	17.40-17.80	442-452				349016B160MJ		349016B160MJ-CS	
		C	17.70-18.10	450-460				349016C160MJ		349016C160MJ-CS	
18	450	A	18.40-18.80	467-478	X	2	50	349018A020MJ	\$ 2,756.50	349018A020MJ-CS	\$ 2,738.00
		B	18.60-19.00	472-483				349018B020MJ		349018B020MJ-CS	
		C	19.30-19.70	490-500				349018C020MJ		349018C020MJ-CS	
		D	19.80-20.20	503-513				349018D020MJ		349018D020MJ-CS	
18	450	A	18.40-18.80	467-478	X	3	80	349018A030MJ	\$ 2,786.80	349018A030MJ-CS	\$ 2,768.20
		B	18.60-19.00	472-483				349018B030MJ		349008B030MJ-CS	
		C	19.30-19.70	490-500				349018C030MJ		349018C030MJ-CS	
		D	19.80-20.20	503-513				349018D030MJ		349018D030MJ-CS	
18	450	A	18.40-18.80	467-478	X	4	100	349018A040MJ	\$ 2,817.80	349018A040MJ-CS	\$ 2,798.90
		B	18.60-19.00	472-483				349018B040MJ		349018B040MJ-CS	
		C	19.30-19.70	490-500				349018C040MJ		349018C040MJ-CS	
		D	19.80-20.20	503-513				349018D040MJ		349018D040MJ-CS	
18	450	A	18.40-18.80	467-478	X	6	150	349018A060MJ	\$ 3,254.40	349018A060MJ-CS	\$ 3,210.00
		B	18.60-19.00	472-483				349018B060MJ		349018B060MJ-CS	
		C	19.30-19.70	490-500				349018C060MJ		349018C060MJ-CS	
		D	19.80-20.20	503-513				349018D060MJ		349018D060MJ-CS	

**3490AS MJ / 3490CS MJ-CS TAP SLEEVE W/MECHANICAL JOINT OUTLET**

Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
18	450	A	18.40-18.80	467-478	X	8	200	349018A080MJ	\$ 3,822.20	349018A080MJ-CS	\$ 3,757.80
		B	18.60-19.00	472-483				349018B080MJ		349018B080MJ-CS	
		C	19.30-19.70	490-500				349018C080MJ		349018C080MJ-CS	
		D	19.80-20.20	503-513				349018D080MJ		349018D080MJ-CS	
18	450	A	18.40-18.80	467-478	X	10	250	349018A100MJ	\$ 5,328.00	349018A100MJ-CS	\$ 5,141.30
		B	18.60-19.00	472-483				349018B100MJ		349018B100MJ-CS	
		C	19.30-19.70	490-500				349018C100MJ		349018C100MJ-CS	
		D	19.80-20.20	503-513				349018D100MJ		349018D100MJ-CS	
18	450	A	18.40-18.80	467-478	X	12	300	349018A120MJ	\$ 7,043.60	349018A120MJ-CS	\$ 6,816.90
		B	18.60-19.00	472-483				349018B120MJ		349018B120MJ-CS	
		C	19.30-19.70	490-500				349018C120MJ		349018C120MJ-CS	
		D	19.80-20.20	503-513				349018D120MJ		349018D120MJ-CS	
18	450	A	18.40-18.80	467-478	X	14	350	349018A140MJ	POA	N/A	N/A
		B	18.60-19.00	472-483				349018B140MJ		N/A	
		C	19.30-19.70	490-500				349018C140MJ		N/A	
		D	19.80-20.20	503-513				349018D140MJ		N/A	
18	450	A	18.40-18.80	467-478	X	16	300	349018A160MJ	\$ 15,984.00	349018A160MJ-CS	POA
		B	18.60-19.00	472-483				349018B160MJ		349018B160MJ-CS	
		C	19.30-19.70	490-500				349018C160MJ		349018C160MJ-CS	
		D	19.80-20.20	503-513				349018D160MJ		349018D160MJ-CS	
18	450	A	18.40-18.80	467-478	X	18	400	N/A	POA	N/A	N/A
		B	18.60-19.00	472-483				N/A		N/A	
		C	19.30-19.70	490-500				349018C180MJ		N/A	
		D	19.80-20.20	503-513				349018D180MJ		N/A	
20	500	A	21.40-21.80	544-554	X	2	50	349020A020MJ	\$ 2,904.30	349020A020MJ-CS	\$ 2,883.70
		B	21.90-22.30	556-566				349020B020MJ		349020B020MJ-CS	
20	500	A	21.40-21.80	544-554	X	3	80	349020A030MJ	\$ 2,936.30	349020A030MJ-CS	\$ 2,915.40
		B	21.90-22.30	556-566				349020B030MJ		349020B030MJ-CS	
20	500	A	21.40-21.80	544-554	X	4	100	349020A040MJ	\$ 2,968.90	349020A040MJ-CS	\$ 2,947.80
		B	21.90-22.30	556-566				349020B040MJ		349020B040MJ-CS	
20	500	A	21.40-21.80	544-554	X	6	150	349020A060MJ	\$ 3,255.60	349020A060MJ-CS	\$ 3,216.70
		B	21.90-22.30	556-566				349020B060MJ		349020B060MJ-CS	
20	500	A	21.40-21.80	544-554	X	8	200	349020A080MJ	\$ 3,860.00	349020A080MJ-CS	\$ 3,794.40
		B	21.90-22.30	556-566				349020B080MJ		349020B080MJ-CS	
20	500	A	21.40-21.80	544-554	X	10	250	349020A100MJ	\$ 4,663.10	349020A100MJ-CS	\$ 4,507.60
		B	21.90-22.30	556-566				349020B100MJ		349020B100MJ-CS	
20	500	A	21.40-21.80	544-554	X	12	300	349020A120MJ	\$ 5,996.40	349020A120MJ-CS	\$ 5,807.60
		B	21.90-22.30	556-566				349020B120MJ		349020B120MJ-CS	
20	500	A	21.40-21.80	544-554	X	14	250	349020A140MJ	POA	N/A	N/A
		B	21.90-22.30	556-566				349020B140MJ		N/A	
20	500	A	21.40-21.80	544-554	X	16	400	349020A160MJ	\$ 13,597.60	349020A160MJ-CS	POA
		B	21.90-22.30	556-566				349020B160MJ		349020B160MJ-CS	

## 3490AS MJ / 3490CS MJ-CS TAP SLEEVE W/MECHANICAL JOINT OUTLET

Nominal Pipe Size		Letter Code	Pipe OD Range		BY	Branch Size		Stainless Steel MJ with Stainless steel bolts and nuts		Carbon Steel MJ with alloy steel bolts and nuts	
Inches	MM		Inches	MM		Inches	MM	Part Number	List Price	Part Number	List Price
20	500	A	21.40-21.80	544-554	X	18	450	349020A180MJ	POA	N/A	N/A
		B	21.90-22.30	556-566				349020B180MJ		N/A	
20	500	A	21.40-21.80	544-554	X	20	500	349020A200MJ	POA	N/A	N/A
		B	21.90-22.30	556-566				349020B200MJ		N/A	
24	600	A	25.60-26.00	650-660	X	2	50	349024A020MJ	\$ 3,054.30	349024A020MJ-CS	\$ 3,033.70
		B	26.20-26.60	665-676				349024B020MJ		349024B020MJ-CS	
24	600	A	25.60-26.00	650-660	X	3	80	349024A030MJ	\$ 3,087.90	349024A030MJ-CS	\$ 3,067.00
		B	26.20-26.60	665-676				349024B030MJ		349024B030MJ-CS	
24	600	A	25.60-26.00	650-660	X	4	100	349024A040MJ	\$ 3,122.20	349024A040MJ-CS	\$ 3,101.10
		B	26.20-26.60	665-676				349024B040MJ		349024B040MJ-CS	
24	600	A	25.60-26.00	650-660	X	6	150	349024A060MJ	\$ 3,472.20	349024A060MJ-CS	\$ 3,432.20
		B	26.20-26.60	665-676				349024B060MJ		349024B060MJ-CS	
24	600	A	25.60-26.00	650-660	X	8	200	349024A080MJ	\$ 4,187.80	349024A080MJ-CS	\$ 4,130.00
		B	26.20-26.60	665-676				349024B080MJ		349024B080MJ-CS	
24	600	A	25.60-26.00	650-660	X	10	250	349024A100MJ	\$ 4,828.90	349024A100MJ-CS	\$ 4,674.10
		B	26.20-26.60	665-676				349024B100MJ		349024B100MJ-CS	
24	600	A	25.60-26.00	650-660	X	12	300	349024A120MJ	\$ 6,329.20	349024A120MJ-CS	\$ 6,140.30
		B	26.20-26.60	665-676				349024B120MJ		349024B120MJ-CS	
24	600	A	25.60-26.00	650-660	X	14	350	349024A140MJ	POA	N/A	N/A
		B	26.20-26.60	665-676				349024B140MJ		N/A	
24	600	A	25.60-26.00	650-660	X	16	400	349024A160MJ	\$ 14,430.00	349024A160MJ-CS	POA
		B	26.20-26.60	665-676				349024B160MJ		349024B160MJ-CS	
24	600	A	25.60-26.00	650-660	X	18	450	349024A180MJ	POA	N/A	N/A
		B	26.20-26.60	665-676				349024B180MJ		N/A	
24	600	A	25.60-26.00	650-660	X	20	500	349024A200MJ	POA	N/A	N/A
		B	26.20-26.60	665-676				349024B200MJ		N/A	
24	600	A	25.60-26.00	650-660	X	24	600	349024A240MJ	POA	N/A	N/A
		B	26.20-26.60	665-676				349024A240MJ		N/A	

**CUSTOM SIZES AVAILABLE.**

**HOW TO ORDER:** Choose the Pipe Size Letter Code corresponding to a Pipe OD Range that covers the Pipe OD to be tapped and then specify the desired branch size. EXAMPLE: 16" Asbestos-Cement Class 150 O.D. 18.72 with 8 inch Stainless Steel MJ Branch. Order 3490MJ -18B x 8. **Part Number:** 349018B080MJ

For Outlet Sizes 14" and above the tapping valve being used must be advised to PowerSeal in order to guarantee proper alignment recess mating. 30", 36", 42", and 48" nominal size sleeves available with outlet sizes 2" through 24".

\*Manufactured under U.S. Patents 6,330,771.

**NOTE: IF STAINLESS STEEL BOLTS ARE REQUIRED WITH CARBON STEEL MJ BRANCH SLEEVE YOU MUST NOTIFY POWERSEAL CUSTOMER SERVICE AT TIME OF ORDERING. ADDITIONAL CHARGES APPLY**