

Nominal Pipe Size			Pipe OD Range		Branch Size		Bolts & Nuts: Low alloy steel		Bolts & Nuts: Stainless steel	
In	MM	Letter	Inches	MM	Inches	MM	Part number	List Price	Part number	List Price
20	500	A	21.57-22.15	546-563	4	100	3460+inches+letter+Branch size+EO	\$1,747.00	3460+Nominal pipe size+letter+Branch size+ES	\$1,963.80
		B	22.16-22.81	563-579		150		\$1,970.00		\$2,186.80
		C	22.78-23.45	579-596		200		\$2,513.70		\$2,802.70
		D	23.46-24.16	596-614		250		\$3,384.90		\$3,746.20
		E	24.15-24.85	613-631		300		\$3,694.20		\$4,055.60
		F	24.82-25.52	630-648						
24	600	A	25.71-26.41	653-671	4	100		\$2,006.30		\$2,223.20
		B	26.55-27.25	674-692	6	150		\$2,261.20		\$2,478.00
		C	27.26-27.96	692-710	8	200		\$2,929.90		\$3,219.10
		D	28.14-28.84	715-733	10	250		\$4,090.70		\$4,292.20
					12	300		\$4,253.00		\$4,556.00
30	750	A	29.78-30.48	756-774	4	100	\$2,192.90	\$2,409.70		
		B	30.48-31.18	774-792	6	150	\$2,506.70	\$2,723.60		
					8	200	\$3,257.60	\$3,546.60		
					10	250	\$4,044.60	\$4,405.90		
		C	31.52-32.22	801-818	12	300	\$4,968.30	\$5,385.70		

**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 Branch size and alloy bolts. Order 3460 - 16D x 8. **Part Number:** 3460+inches+letter+Branch size+EO = 346016D080EO . For Outlet Sizes 14" and above the tapping valve being used must be advised to PowerSeal in order to guarantee proper alignment recess mating.

# 3460CS-MJ

## CARBON STEEL TAPPING SLEEVE W/MECHANICAL JOINT OULET

- MJ OUTLET:** Carbon Steel per AWWA C111. Solid One-Piece casting.
- PANEL:** Carbon Steel per ASTM A36.
- BRANCH GASKET:** NBR per ASTM D2000.
- BOLTS & NUTS:** Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111. Or Type 304 (18-8) Stainless Steel per ASTM A193 and A194.
- FINISH:** Epoxy per AWWA C210.



Nominal Pipe Size			Pipe OD Range		Branch Size		Bolts & Nuts: Low alloy steel		Bolts & Nuts: Stainless steel		
In	MM	Letter	Inches	MM	Inches	MM	Part number	List Price	Part number	List Price	
4	100	A*	4.50	114	4	100	3460+Nominal pipe size+letter+Branch size+EO-MJCS	\$1,413.00	3460+Nominal pipe size+letter+Branch size+ES-MJCS	\$1,629.80	
		B	4.80	122							
6	150	A*	6.56-6.69	167-170	4	100		\$1,413.00		\$1,629.80	
		B	6.83-7.16	173-182							
		C	7.05-7.40	179-188		6		150		\$1,685.90	\$1,902.70
										D	7.40-7.73

Nominal Pipe Size			Pipe OD Range		Branch Size		\$Bolts & Nuts: Low alloy steel		Bolts & Nuts: Stainless steel	
In	MM	Letter	Inches	MM	Inches	MM	Part number	List Price	Part number	List Price
8	200	A*	7.80-8.16	198-207	4	100	3460+Nominal pipe size+letter +Branch size+EO-MJCS	\$1,526.70	3460+Nominal pipe size+ letter+Branch size+ES-MJCS	\$1,743.60
		B	8.53-8.72	217-221		150		\$1,704.10		\$1,920.90
		C	8.98-9.37	228-238		200		\$2,200.30		\$2,489.40
		D	9.27-9.69	235-246		250		\$1,535.90		\$1,752.70
10	250	A*	9.83-10.25	250-260	4	100		\$1,535.90		\$1,752.70
		B	10.64-10.86	270-276		150		\$1,749.60		\$1,966.70
		C	11.03-11.47	280-291		200		\$2,273.10		\$2,562.10
		D	11.36-11.80	289-300		250		\$3,557.30		\$3,918.60
		E	11.76-12.24	299-311		300		\$1,649.50		\$1,866.40
12	300	A*	12.62-12.88	321-327	4	100		\$1,649.50		\$1,866.40
		B	13.13-13.60	334-345		150		\$1,840.60		\$2,057.50
		C	13.60-14.09	345-358		200		\$2,400.50		\$2,689.60
		D	14.09-14.56	358-370		250	\$3,875.70	\$4,237.10		
						300	\$4,192.40	\$4,553.80		
14	350	A	14.59-15.08	371-383	4	100	\$1,722.30	\$1,939.20		
		B	15.23-15.80	387-401		150	\$2,036.00	\$2,252.90		
		C	15.73-16.22	400-412		200	\$2,421.10	\$2,710.30		
		D	16.30-16.73	414-425		250	\$4,089.50	\$4,452.20		
						300	\$4,570.10	\$4,931.40		
						350	\$4,962.90	\$5,402.90		
16	400	A	16.74-17.26	425-438	4	100	\$1,786.10	\$2,002.90		
		B	17.33-17.87	440-454		150	\$2,036.20	\$2,253.00		
		C	17.88-18.43	473-487		200	\$2,421.10	\$2,862.50		
		D	18.62-19.19	454-468		250	\$4,089.50	\$4,450.90		
300	\$4,570.10				\$4,962.90					
18	450	A	18.87-19.45	479-494	4	100	\$1,809.20	\$2,026.00		
		B	19.41-20.01	493-508		150	\$2,062.50	\$2,279.3		
		C	20.00-20.60	508-523		200	\$2,499.90	\$2,941.30		
		D	20.29-20.94	515-532		250	\$4,215.50	\$4,576.90		
		E	20.93-21.57	532-548		300	\$4,596.30	\$4,989.10		
20	500	A	21.57-22.15	546-563	4	100	\$1,877.00	\$2,093.80		
		B	22.16-22.81	563-579		150	\$2,150.00	\$2,366.80		
		C	22.78-23.45	579-596		200	\$2,798.70	\$3,087.70		
		D	23.46-24.16	596-614		250	\$4,348.90	\$4,710.20		
		E	24.15-24.85	613-631		300	\$4,679.20	\$5,040.60		
		F	24.82-25.52	630-648		350	\$2,136.30	\$2,353.20		
24	600	A	25.71-26.41	653-671	4	100	\$2,136.30	\$2,353.20		
		B	26.55-27.25	674-692		150	\$2,441.20	\$2,658.00		
		C	27.26-27.96	692-710		200	\$3,214.90	\$3,504.10		
		D	28.14-28.84	715-733		250	\$5,054.70	\$5,256.20		
						300	\$5,238.00	\$5,541.00		
30	750	A	29.78-30.48	756-774	4	100	\$2,322.90	\$2,539.70		
		B	30.48-31.18	774-792		150	\$2,686.70	\$2,903.60		
						200	\$3,542.60	\$3,831.60		
		C	31.52-32.22	801-818		250	\$5,008.60	\$5,369.90		
						300	\$5,953.30	\$6,370.70		

**CUSTOM SIZES AVAILABLE.**

\* Size on size not available

**HOW TO ORDER:** Choose the Pipe Size Letter Code corresponding to a Pipe OD Range that covers the Pipe OD to be tapped, then specify the desired branch size and type of bolts. **EXAMPLE:** 16" Asbestos-Cement Class 150 O.D. 19.60 with 8 inch MJ Branch and Stainless Steel bolts and nuts. Order 3460MJCS -18B x 8. **Part Number:** 3460+Nominal pipe size+letter+Branch size+EO-MJCS = 346018B080ES-MJCS . For Outlet Sizes 14" and above the tapping valve being used must be advised to PowerSeal in order to guarantee proper alignment recess mating.\*Manufactured under U.S. Patent 6,330,771.