

Item code	EAN-No.								
ball valve									
		d							
2100010	4025901102550	16,00							
2100011	4025901102567	20,00							
2100012	4025901102574	25,00							
2100013	4025901102581	32,00							
2100014	4025901102598	40,00							
2100015	4025901102604	50,00							
2100016	4025901102611	63,00							

three-way ball valve									
		d	d1	L	A	M	T	N	
4100005	4025901102628	16	15	112	80	85	45	57	
4100006	4025901102635	20	15	112	80	85	45	57	
4100007	4025901102642	25	20	123	87	85	55	62	
4100008	4025901102659	32	25	147	104	100	66	74	
4100009	4025901102666	40	32	169	115	100	79	82	
4100010	4025901102673	50	40	209	145	127	102	104	
4100011	4025901102680	63	50	230	160	127	111	117	

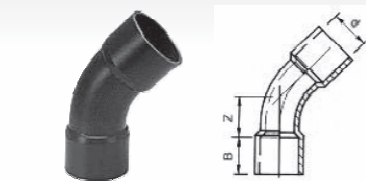
non return ventile									
		d	DN	A	E	L	Z	H	
4300016	4025901102697	16	10	125	22	14	40	68	
4300020	4025901102703	20	15	125	27	16	49	81	
4300025	4025901102710	25	20	145	33	19	56	94	
4300032	4025901102727	32	25	165	41	22	62	106	
4300040	4025901102734	40	32	190	50	26	74	126	
4300050	4025901102741	50	40	210	61	31	86	148	
4300063	4025901102758	63	50	240	76	38	102	178	

PVC pipe									
		d							
805.10	4025901102765	10							
805.12	4025901102772	12							
805.16	4025901102789	16							
805.20	4025901102796	20							
805.25	4025901102802	25							
805.32	4025901102819	32							
805.41	4025901102826	40							
805.51	4025901102833	50							
805.63	4025901102840	63							

The pipe is available in 1 metre pieces.

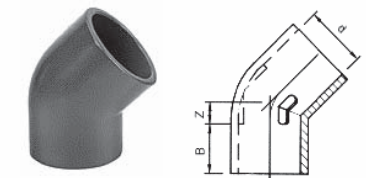
bend 90° made of tube									
		d		Z		B			
105032	4025901103007	32		60		25			
105040	4025901103014	40		76		30			
105050	4025901103021	50		92		35			
105063	4025901103038	63		102		43			

bend 90° injection moulded									
		d		Z		B			
220020	4025901103045	20		30		16			
220025	4025901103052	25		37.5		19			
220032	4025901103069	32		48		22			
220040	4025901103076	40		60		26			
220050	4025901103083	50		75		31			



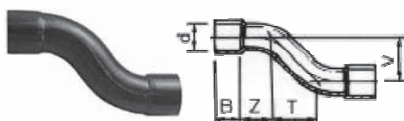
bend 45° made of tube

		d	Z	B					
115032	4025901103090	32	26	25					
115040	4025901103106	40	36	30					
115050	4025901103113	50	40	35					
115063	4025901103120	63	46	43					



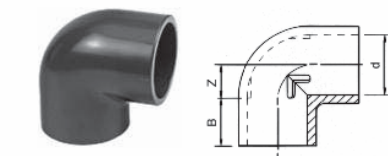
S-bend

		d	Z	B	T	V			
110032	4025901103137	32	35	22	57	60			
110040	4025901103144	40	40	26	63	60			
110050	4025901103151	50	50	31	55	85			



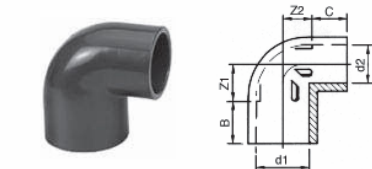
elbow 45°

		d1	Z	B					
230010	4025901103281	10	3	12					
230012	4025901103298	12	3.5	12					
230016	4025901103304	16	4.5	14					
230020	4025901103311	20	5	16					
230025	4025901103328	25	6	19					
230032	4025901103335	32	7.5	22					
230040	4025901103342	40	9.5	26					
230050	4025901103359	50	11.5	31					
230063	4025901103366	63	14	38					



elbow 90°

		d	Z	B					
225010	4025901103168	10	6	12					
225012	4025901103175	12	7	12					
225016	4025901103182	16	9	14					
225020	4025901103199	20	11.5	16					
225025	4025901103205	25	14	19					
225032	4025901103212	32	18	22					
225040	4025901103229	40	22	26					
225050	4025901103236	50	27.5	31					
225063	4025901103243	63	32.5	38					



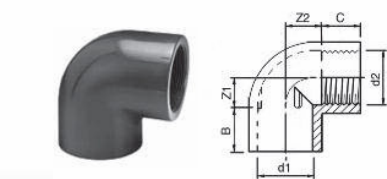
elbow 90° reducing

		d1	d2	Z1	Z2	B	C		
226011	4025901103250	40	32	22	22	26	22		
226021	4025901103267	50	32	28	33	31	22		
226031	4025901103274	50	40	28	29	31	26		



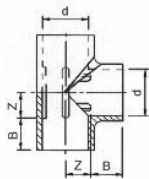
elbow 90° with BSB male thread

		d1	d2	Z1	Z2	B	C		
229010	4025901103373	20	3/8"(M)	11	17	16	16		
229020	4025901103380	25	1"(M)	17	20	19	19		
229030	4025901103397	32	3/4"(M)	21	29	22	19		
229040	4025901103403	32	1"(M)	21	30	22	19		
229051	4025901103410	32	1 1/4"(M)	17	24	22	21		
229061	4025901103427	40	1 1/4"(M)	22	27	26	21		
229071	4025901103434	40	1 1/2"(M)	22	27	26	21		
229081	4025901103441	50	1 1/4"(M)	28	34	31	21		
229091	4025901103458	50	1 1/2"(M)	28	34	31	21		
229101	4025901103465	50	2"(M)	28	34	31	26		



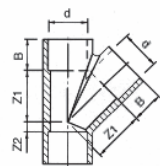
elbow 90° with BSB female thread

		d1	d2	Z1	Z2	B	C		
235016	4025901103472	16	3/8"(F)	9	11	14	12		
235020	4025901103496	20	1/2"(F)	11	15	16	12		
235025	4025901103519	25	3/4"(F)	13.5	15.5	19	17		
235032	4025901103533	32	1"(F)	17	18	22	21		
235040	4025901103557	40	1 1/4"(F)	21	24	26	23		
235050	4025901103571	50	1 1/2"(F)	28	32	31	27		
235063	4025901103595	63	2"(F)	34	41	38	31		



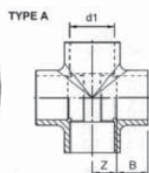
tee 90°

		d	Z	B
201010	4025901103618	10	6	12
201012	4025901103625	12	7	12
201016	4025901103632	16	9	14
201020	4025901103649	20	11	16
201025	4025901103656	25	13.5	19
201032	4025901103663	32	17	22
201040	4025901103670	40	23	26
201050	4025901103687	50	27	32
201063	4025901103694	63	32.5	38



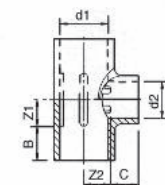
tee 45°

		d	Z1	Z2	B
208010	4025901107715	10	18.0	4.0	12
208012	4025901107722	12	21.0	4.0	12
208016	4025901107739	16	25.0	5.0	14
208020	4025901107746	20	29.5	6.0	16
208025	4025901107753	25	35.5	7.5	16
208032	4025901107760	32	44.5	9.0	22
208040	4025901103700	40	56.0	10.0	26
208050	4025901103717	50	69.0	12.0	31
208063	4025901103724	63	86.0	14.0	38



cross piece

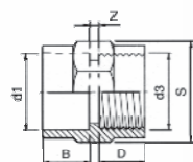
		d1	d2	Z	B	C	Type
250010	4025901109658	10	-	6.5	12	-	A
250012	4025901107548	12	-	7.5	12	-	A
250016	4025901107555	16	-	9.5	14	-	A
250020	4025901103731	20	-	11.0	16	-	A
250025	4025901103748	25	-	13.5	19	-	A
250032	4025901103755	32	-	17.0	22	-	A
250039	4025901103762	40	32	21.0	26	22	B
250040	4025901103779	40	-	21.0	26	-	A
250049	4025901103786	50	32	26.0	31	22	B
250050	4025901103793	50	-	26.0	31	-	A
250063	4025901103809	63	-	34	38	-	A



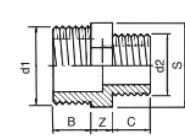
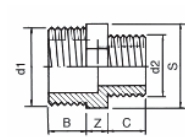
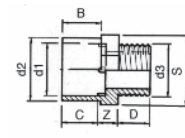
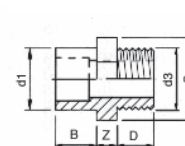
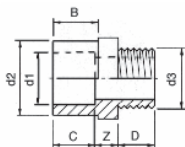
tee reducing

		d1	d2	Z1	Z2	B	C
203010	4025901103816	25	20	14	14	19	16
203015	4025901103823	32	20	17	17	22	16
203020	4025901103830	32	25	17	17	22	19
203023	4025901107661	40	20	23	23	26	16
203025	4025901103847	40	25	23	23	26	19
203031	4025901103854	40	32	23	23	26	22
203035	4025901103861	50	25	28	27.5	31	19
203041	4025901103878	50	32	28	28.5	31	22
203046	4025901103885	50	40	28	28.5	31	26
203050	4025901103892	63	25	32.5	32.5	38	19
203055	4025901103908	63	32	32.5	32.5	38	22
203060	4025901103915	63	40	32.5	32.5	38	26
203065	4025901103922	63	50	32.5	32.5	38	31

adaptor socket



		d1	d3	Z	B	D	S
325015	4025901103939	16	3/8"(F)	3	14	12	27
325020	4025901103953	20	1/2"(F)	2	16	15	32
325026	4025901103977	25	1/2"(F)	5	19	15	36
325030	4025901103984	25	3/4"(F)	4	19	16	36
325036	4025901104004	32	1/2"(F)	10	22	15	46
325041	4025901104011	32	3/4"(F)	9	22	16	46
325045	4025901104028	32	1"(F)	3	22	22	46
325051	4025901104042	40	1"(F)	4	26	22	55
325055	4025901104059	40	1 1/4"(F)	3	26	23	55
325061	4025901104080	50	1 1/4"(F)	4	31	23	66
325065	4025901104097	50	1 1/2"(F)	2	31	25	66
325069	4025901104127	63	1 1/2"(F)	7	38	25	80
325070	4025901104134	63	2"(F)	4	38	28	80



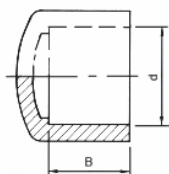
Item code	EAN-No.	adaptor nipple							
		d1	d2	d3	Z	B	C	D	
320030	4025901104158	25	32	1/2"(M)	11	22	19	18	
320045	4025901104165	25	32	3/4"(M)	11	22	19	18	
320050	4025901104172	25	32	1"(M)	11	22	19	18	
320055	4025901104189	32	40	1"(M)	12	26	22	18	
320060	4025901104196	32	40	1 1/4"(M)	12	26	22	23	
320065	4025901104202	40	50	1 1/4"(M)	16	31	26	23	
320070	4025901104219	40	50	1 1/2"(M)	16	31	26	23	
320075	4025901104226	50	-	1 1/2"(M)	16	-	31	23	
320080	4025901104233	50	-	2"(M)	16	-	31	27	

		d1	d3	Z	B	S	D	
330010	4025901104240	16	1/4"(M)	8	14	27	13	
330011	4025901104257	16	3/8"(M)	8	14	27	15	
330012	4025901104264	16	1/2"(M)	8	14	27	19	
330015	4025901104271	20	3/8"(M)	8	16	32	15	
330016	4025901104288	20	1/2"(M)	8	16	32	19	
330017	4025901104295	20	3/4"(M)	8	16	32	19	
330020	4025901104301	25	1/2"(M)	9	19	36	19	
330025	4025901104318	25	3/4"(M)	9	19	36	19	
330030	4025901104325	25	1"(M)	9	19	36	21	
330040	4025901104332	32	3/4"(M)	10	22	46	19	
330045	4025901104349	32	1"(M)	10	22	46	21	
330046	4025901104356	32	1 1/4"(M)	10	22	46	23	
330050	4025901104363	40	1"(M)	11	26	55	21	
330055	4025901104370	40	1 1/4"(M)	11	26	55	23	
330060	4025901104387	50	1 1/4"(M)	12	31	65	23	
330065	4025901104394	50	1 1/2"(M)	12	31	65	23	
330070	4025901104400	63	1 1/4"(M)	13	38	80	23	
330075	4025901104417	63	1 1/2"(M)	13	38	80	23	
330080	4025901104424	63	2"(M)	13	38	80	27	

		d1	d2	d3	Z	B	C	D	S
315030	4025901104431	16	23	1/4"(M)	5	12	14	12	27
315035	4025901104448	16	23	3/8"(M)	5	12	14	15	27
315040	4025901104455	16	23	1/2"(M)	5	12	14	19	27
315045	4025901104462	20	28	3/8"(M)	5	14	16	15	32
315050	4025901104479	20	28	1/2"(M)	5	14	16	19	32
315055	4025901104486	20	28	3/4"(M)	6	14	16	19	32
315060	4025901104493	25	32	1/2"(M)	6	19	19	19	36
315065	4025901104509	25	32	3/4"(M)	8	19	19	19	36
315070	4025901104516	25	32	1"(M)	8	19	19	21	36
315075	4025901104523	32	40	1/2"(M)	8	22	22	19	46
315080	4025901104530	32	40	3/4"(M)	10	22	22	19	46
315085	4025901104547	32	40	1"(M)	11	22	22	21	46
315090	4025901104554	32	40	1 1/4"(M)	11	22	22	23	46
315095	4025901104561	40	50	1"(M)	11	26	26	21	55
315100	4025901104578	40	50	1 1/4"(M)	11	26	26	23	55
315105	4025901104585	40	50	1 1/2"(M)	11	26	26	23	55
315110	4025901104592	50	63	1"(M)	12	31	31	21	65
315115	4025901104608	50	63	1 1/4"(M)	12	31	31	23	65
315120	4025901104615	50	63	1 1/2"(M)	12	31	31	23	65
315125	4025901104622	50	63	2"(M)	12	31	31	27	65

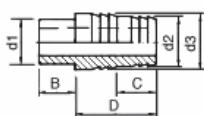
		d	Z	B	S
335045	4025901104639	3/8"(M)	8	15	24
335055	4025901104646	1/2"(M)	8	17	27
335065	4025901104653	3/4"(M)	8	19	32
335075	4025901104660	1"(M)	9	21	36
335085	4025901104677	1 1/4"(M)	10	23	46
335095	4025901104684	1 1/2"(M)	11	23	55
335105	4025901104691	2"(M)	12	27	65

		d1	d2	Z	B	C	S
335040	4025901104707	3/8"(M)	1/4"(M)	8	15	13	24
335050	4025901104714	1/2"(M)	3/8"(M)	8	17	15	27
335060	4025901104721	3/4"(M)	1/2"(M)	8	19	17	32
335070	4025901104738	1"(M)	3/4"(M)	9	21	19	36
335080	4025901104745	1 1/4"(M)	1"(M)	9	23	21	46
335090	4025901104752	1 1/2"(M)	1 1/4"(M)	11	23	23	55
335100	4025901104769	2"(M)	1 1/2"(M)	12	27	23	65



cap

		d	B
355010	4025901109665	10	12
355012	4025901109672	12	12
355016	4025901104776	16	14
355020	4025901104783	20	16
355025	4025901104790	25	19
355032	4025901104806	32	22
355040	4025901104813	40	26
355050	4025901104820	50	31
355063	4025901104837	63	38



hose nozzle

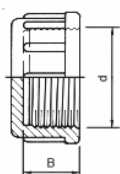
		d1	d2	d3	B	C	D
357010	4025901109689	10	10	10	12	16	31
357012	4025901104844	12	12	14	12	16	36
357016	4025901104868	16	16	18	14	18	40
357020	4025901104899	20	20	22	16	20	44
357025	4025901104929	25	25	28	19	24	54
357032	4025901104950	32	31	34	22	28	63
357040	4025901104981	40	40	43	26	32	72
357050	4025901105018	50	50	53	31	35	80
357063	4025901105049	63	60	66	38	40	90

hose nozzle

		d1	d2	d3	Z	B	C	D	S
357013	4025901104851	¼"(M)	12	14	6	11	16	36	15
357017	4025901104875	3/8"(M)	16	18	7	12	18	40	19
357021	4025901104905	½"(M)	20	22	8	15	20	44	24
357026	4025901104936	¾"(M)	25	28	8	16	24	54	30
357033	4025901104967	1"(M)	31	34	9	18	28	63	35
357041	4025901104998	1 ¼"(M)	40	43	13	21	32	72	46
357051	4025901105025	1 ½"(M)	50	53	14	21	35	80	55
357064	4025901105056	2"(M)	60	66	16	26	40	90	70

hose nozzle

		d1	d2	d3	Z	B	C	D
357018	4025901104882	16	18	¾"(F)	17	18	40	11
357022	4025901104912	20	22	1"(F)	17	20	44	11
357027	4025901104943	25	28	1 ¼"(F)	17	24	54	13
357034	4025901104974	31	34	1 ½"(F)	20	28	63	13
357042	4025901105001	40	43	2"(F)	20	32	72	15
357052	4025901105032	50	53	2 ¼"(F)	23	35	80	16
357065	4025901105063	60	66	2 ¾"(F)	23	40	90	21

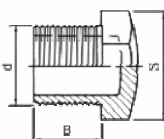


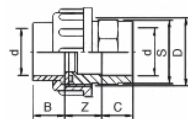
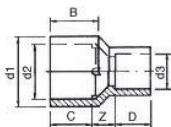
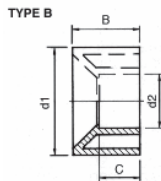
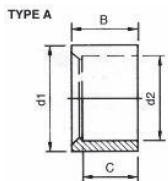
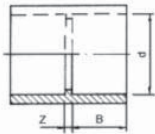
screw cap

		d	B
340010	4025901105070	3/8"(F)	13
340020	4025901105087	½"(F)	14
340030	4025901105094	¾"(F)	16
340040	4025901105100	1"(F)	17
340050	4025901105117	1 ¼"(F)	19
340060	4025901105124	1 ½"(F)	23
340070	4025901105131	2"(F)	24
340080	4025901105148	2 ½"(F)	29

plug

		d	B	S
345030	4025901105155	3/8"(M)	14	22
345040	4025901105162	½"(M)	18	27
345045	4025901105179	¾"(M)	19	32
345050	4025901105186	1"(M)	22	36
345055	4025901105193	1 ¼"(M)	24	46
345060	4025901105209	1 ½"(M)	24	55
345065	4025901105216	2"(M)	27	65





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socket

		d	Z	B					
390010	4025901105223	10	3	12					
390012	4025901105230	12	3	12					
390016	4025901105247	16	3	14					
390020	4025901105254	20	3	16					
390025	4025901105261	25	3	19					
390032	4025901105278	32	3	22					
390040	4025901105285	40	5	26					
390050	4025901105292	50	5	31					
390063	4025901105308	63	3	38					

reducing bush

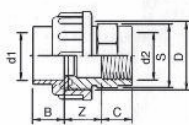
		d1	d2	B	C	Type			
305016	4025901107562	16	12	14	12	A			
305018	4025901105315	20	10	16	12	A			
305019	4025901105322	20	12	16	12	A			
305020	4025901105339	20	16	16	14	A			
305024	4025901105346	25	12	19	12	B			
305025	4025901105353	25	16	19	14	B			
305026	4025901105360	25	20	19	16	A			
305032	4025901105377	32	16	22	14	B			
305033	4025901105384	32	20	22	16	B			
305034	4025901105391	32	25	22	19	A			
305040	4025901105407	40	16	26	14	B			
305041	4025901105414	40	20	26	16	B			
305042	4025901105421	40	25	26	19	B			
305043	4025901105438	40	32	26	22	A			
305050	4025901105445	50	20	31	16	B			
305051	4025901105452	50	25	31	19	B			
305052	4025901105469	50	32	31	22	B			
305053	4025901105476	50	40	31	26	A			
305063	4025901105483	63	25	38	19	B			
305064	4025901105490	63	32	38	22	B			
305065	4025901105506	63	40	38	26	B			
305066	4025901105513	63	50	38	31	A			

reducing socket

		d1	d2	d3	Z	B	C	D	
392010	4025901105520	10	6	8	2	12	12	12	
392012	4025901105537	12	8	10	2	12	12	12	
392016	4025901105544	16	12	8	6	14	12	12	
392017	4025901105551	16	12	10	6	14	12	12	
392020	4025901105568	20	16	10	6	16	14	12	
392021	4025901105575	20	16	12	6	16	14	12	
392025	4025901105582	25	20	12	9	19	16	12	
392026	4025901105599	25	20	16	7	19	16	14	
392032	4025901105605	32	25	16	9.5	22	19	14	
392033	4025901105612	32	25	20	7.5	22	19	16	
392040	4025901105629	40	32	16	14.3	26	22	14	
392041	4025901105636	40	32	20	12.3	26	22	16	
392042	4025901105643	40	32	25	9.3	26	22	19	
392050	4025901105650	50	40	20	17	31	26	16	
392051	4025901105667	50	40	25	14	31	26	19	
392052	4025901105674	50	40	32	11	31	26	22	
392063	4025901105681	63	50	25	20.3	38	31	19	
392064	4025901105698	63	50	32	17.3	38	31	22	
392065	4025901105704	63	50	40	13.3	38	31	26	

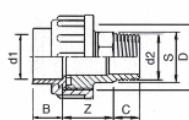
adaptor union

		d	Z	B	C	D	S	
360010	4025901109696	10	22	12	12	5/8"	23	
360012	4025901109702	12	22	12	12	5/8"	23	
360016	4025901105711	16	23	14	14	3/4"	25	
360020	4025901105728	20	25	16	16	1"	30	
360025	4025901105735	25	23	19	19	1 1/4"	36	
360032	4025901105742	32	24	22	22	1 1/2"	44	
360040	4025901105759	40	23	26	26	2"	54	
360050	4025901105766	50	23	31	31	2 1/4"	64	
360063	4025901105773	63	20	38	38	2 3/4"	80	



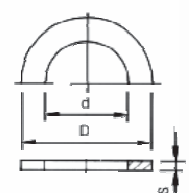
adaptor female thread

		d1	d2	Z	B	C	D	S
365016	4025901105780	16	3/8"(F)	25	14	12	3/4"	25
365020	4025901105797	20	1/2"(F)	25	16	16	1"	30
365025	4025901120424	25	3/4"(F)	25	19	17	1 1/4"	36
365032	4025901120431	32	1"(F)	25	22	21	1 1/2"	44
365040	4025901120448	40	1 1/4"(F)	26	26	23	2"	54
365050	4025901120455	50	1 1/2"(F)	31	31	23	2 1/4"	64
365063	4025901120462	63	2"(F)	31	38	27	2 3/4"	80



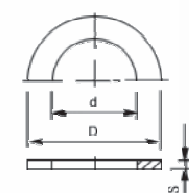
adaptor male thread

		d1	d2	Z	B	C	D	S
370016	4025901120479	16	3/8"(M)	31	14	12	3/4"	24
370020	4025901120486	20	1/2"(M)	32	16	17	1"	28
370025	4025901120493	25	3/4"(M)	26	19	17	1 1/4"	32
370032	4025901120509	32	1"(M)	35	22	22	1 1/2"	38
370040	4025901120516	40	1 1/4"(M)	38	26	24	2"	46
370050	4025901105803	50	1 1/2"(M)	41	31	24	2 1/4"	55
370063	4025901105810	63	2"(M)	44	38	28	2 3/4"	65



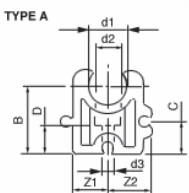
rubber washer

		Dia	d	D	S
803016	4025901105827	16	11	23	2
803020	4025901105841	20	15	29	2
803025	4025901105865	25	19	37	2
803032	4025901105889	32	24	43	3
803040	4025901105902	40	32	55	3
803050	4025901105926	50	40	61	3
803063	4025901105940	63	50	77	3



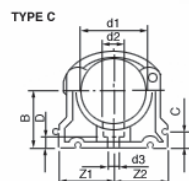
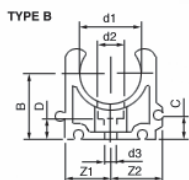
rubber washer

		Dia	d	D	S
804016	4025901105834	16	14	27	2
804020	4025901105858	20	18	32	2
804025	4025901105872	25	22	39	2
804032	4025901105896	32	28	48	2
804040	4025901105919	40	35	59	3
804050	4025901105933	50	45	71	3
804063	4025901105957	63	60	88	3



tube clip

		d1	d2	d3	Z1	Z2	B	C	D	E	Type
525010	4025901111927	10	8.3	4.5	11	13.5	20	10	6	12	A
525012	4025901111811	12	8.3	4.5	11	13.5	21	10	6	12	A
525016	4025901105964	16	10.5	5.5	14	16.5	23	10	6	16	B
525020	4025901105971	20	10.5	5.5	16.5	19	25	10	6	16	B
525025	4025901105988	25	10.5	5.5	19	21.5	27.5	10	6	16	B
525032	4025901105995	32	10.5	5.5	24	26.5	31	10	6	16	B
525040	4025901106008	40	14	6.5	33.5	33.5	35	10	6.5	22	C
525050	4025901106015	50	14	6.5	37	37	40	10	6.5	22	C
525063	4025901106022	63	17	8.5	44.5	44.5	51.5	10	10	25	C



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table duct with clamping nut

		d1	d3	Z1	Z2	D	S
516022	4025901108712	20	¾"(M)	8	0-25	56	32
516027	4025901108729	25	1"(M)	10	0-25	60	40
516032	4025901106039	32	1 ¼"(M)	7	0-25	66	55
516040	4025901106046	40	1 ¾"(M)	7	0-25	78	74
516054	4025901108736	50	2"(M)	9	0-30	84	78
516064	4025901106053	63	2 ½"(M)	9	0-30	90	100

table duct

		d1	d2	d3	Z1	Z2	B	C	D	S	Type
516020	4025901106060	20	25	¾"(M)	13	0-23	16	19	42	32	A
516021	4025901106077	20	¾"(M)	¾"(M)	13	0-23	16	17	42	32	B
516025	4025901106084	25	32	1"	15	0-23	19	22	45	40	A
516026	4025901106091	25	1"(M)	1"	15	0-23	19	21	45	40	B
516034	4025901106107	32	40	1 ¼"(M)	17	0-26	22	26	49	50	A
516035	4025901106114	32	1 ¼"(M)	1 ¼"(M)	17	0-26	22	23	49	50	B
516041	4025901106121	40	50	1 ¾"(M)	19	0-21	26	31	48	60	A
516042	4025901106138	40	1 ½"(M)	1 ¾"(M)	19	0-21	26	23	48	60	B
516048	4025901106145	50	63	2"(M)	21	0-21	31	38	52	69	A
516049	4025901106152	50	2"(M)	2"(M)	21	0-21	31	27	52	69	B
516050	4025901106169	50	63	2 ¼"(M)	21	0-21	31	38	52	76	A
516051	4025901106176	50	2"(M)	2 ¼"(M)	21	0-21	31	27	52	76	B
516065	4025901106183	63	75	2 ½"(M)	23	0-23	38	44	53	85	A
516066	4025901106190	63	2 ½"(M)	2 ½"(M)	23	0-23	38	31	53	85	B
516075	4025901106206	75	90	3"	26	0-20	44	51	56	100	A
516076	4025901106213	75	3"(M)	3"	26	0-20	44	34	56	100	B
516090	4025901106220	90	110	M113(M)	32	0-20	51	61	62	125	A
516091	4025901106237	90	4"(M)	M113(M)	32	0-20	51	40	62	125	B
516110	4025901106244	110	125	M133(M)	36	0-22	61	69	62	147	A

adaptor union

		d1	d2	Z	B
514020	4025901106251	32	1 ¼"(F)	6	54
514030	4025901106268	40	1 ½"(F)	6	63
514040	4025901106275	50	2"(F)	6	72
514045	4025901106282	63	2 ½"(F)	7	81
514050	4025901106299	75	3"(F)	7	95

adaptor union

		d1	d2	Z	B
515010	4025901106305	25	1"(F)	30	27
515015	4025901106312	32	1"(F)	41	23
515020	4025901106329	32	1 ¼"(F)	30	30
515025	4025901106336	40	1 ¼"(F)	37	30
515030	4025901106343	40	1 ½"(F)	35	35
515035	4025901106350	50	1 ½"(F)	45	34
515040	4025901106367	50	2"(F)	43	37
515045	4025901106374	63	2 ½"(F)	48	42
515050	4025901106381	75	3"(F)	50	55
515055	4025901106398	90	3"(F)	50	62

o-ring for ball valve

		d
016006	4025901102871	16
020006	4025901106718	20
025006	4025901106725	25
032006	4025901106732	32
040006	4025901106749	40
050006	4025901106756	50
063006	4025901106763	63

