

511

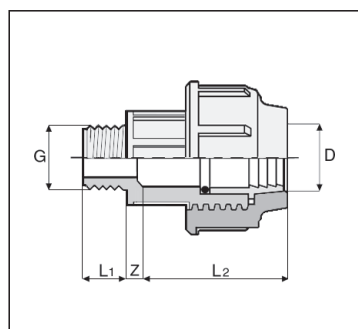
MALE ADAPTOR

RACCORDO MASCHIO

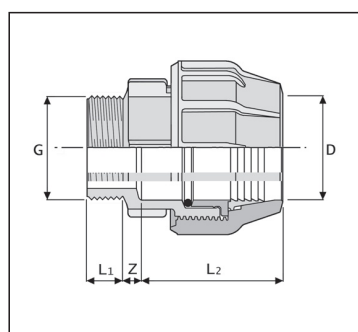
ANSCHLUSSVERSCHRAUBUNG MIT AUSSENGEWINDE

RACCORD MALE

EMPALME MACHO



GG



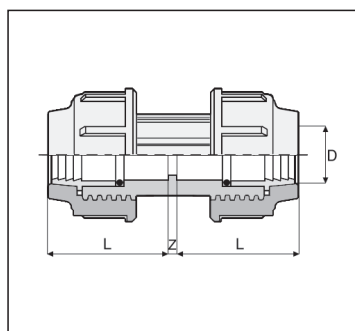
GR

DxG	L1	L2	Z	Gr.	Ref.	Pack	Box	Master
16x3/8"	18	45	16	23	GG.511.16A.00	20	500	B
16x1/2"	18	45	20	23	GG.511.16B.00	20	500	B
16x3/4"	20	45	20	25	GG.511.16C.00	20	500	B
20x1/2"	18	50	18	36	GG.511.20B.00	20	400	B
20x3/4"	20	50	19	38	GG.511.20C.00	20	400	B
25x1/2"	18	57	19	53	GG.511.25B.00	10	250	B
25x3/4"	20	57	20	54	GG.511.25C.00	10	250	B
25x1"	20	57	26	56	GG.511.25D.00	10	250	B
32x3/4"	20	64	23	81	GG.511.32C.00	10	150	B
32x1"	20	64	26	83	GG.511.32D.00	10	150	B
32x1 1/4"	24	64	26	89	GG.511.32E.00	10	150	B
40x1"	20	76	26	137	GG.511.40D.00	5	90	B
40x1 1/4"	24	76	29	140	GG.511.40E.00	5	90	B
40x1 1/2"	24	76	29	143	GG.511.40F.00	5	90	B
50x1 1/4"	24	88	29	214	GG.511.50E.00	5	55	B
50x1 1/2"	24	88	29	214	GG.511.50F.00	5	55	B
50x2"	29	88	34	222	GG.511.50G.00	5	55	B
63x1 1/2"	24	103	29	341	GG.511.63F.00	5	30	B
63x2"	29	103	34	347	GG.511.63G.00	5	30	B
63x2 1/2"	32	103	39	361	GG.511.63H.00	5	30	B
75x2"	29	118	34	520	GR.511.75G.00	1	25	B
75x2 1/2"	32	118	40	516	GR.511.75H.00	1	25	B
75x3"	38	118	43	534	GR.511.75I.00	1	25	B
90x2"	29	136	34	740	GR.511.90G.00	1	16	B
90x2 1/2"	32	136	40	750	GR.511.90H.00	1	16	B
90x3"	38	136	43	750	GR.511.90I.00	1	16	B
90x4"	44	136	49	793	GR.511.90L.00	1	16	B
110x2"	27	150	34	1040	GG.511.11G.00	1	8	B
110x3"	38	151	43	1138	GR.511.11I.00	1	8	B
110x4"	44	151	49	1156	GR.511.11L.00	1	8	B

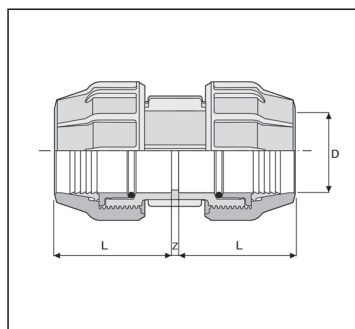
**COUPLING
MANICOTTO
KUPPLUNG
MANCHON
MANGUITO**

510

DxD	L	Z	Gr.	Ref.	Pack	Box	Master
16x16	45	4	42	GG.510.160.00	20	360	B
20x20	50	4	66	GG.510.200.00	20	220	B
25x25	57	4	96	GG.510.250.00	10	150	B
32x32	64	4	144	GG.510.320.00	10	100	B
40x40	76	4	242	GG.510.400.00	5	50	B
50x50	88	4	374	GG.510.500.00	5	35	B
63x63	103	9	599	GG.510.630.00	5	20	B
75x75	118	4	905	GR.510.750.00	1	15	B
90x90	136	5	1290	GR.510.900.00	1	11	B
110x110	151	4	1970	GR.510.110.00	1	6	B



GG

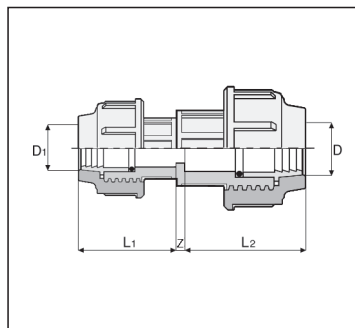


GR

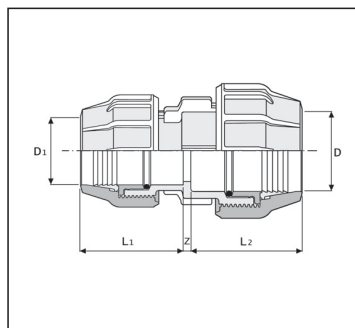
**REDUCER COUPLING
MANICOTTO RIDOTTO
KUPPLUNG REDUZIERT
MANCHON REDUIT
MANGUITO REDUCIDO**

512

DxD1	L1	L2	Z	Gr.	Ref.	Pack	Box	Master
20x16	40,5	50	4	54	GG.512.20A.00	20	260	B
25x20	50	57	4	81	GG.512.25B.00	10	180	B
32x20	50	57,5	4	109	GG.512.32B.00	10	110	B
32x25	53	58	4	123	GG.512.32C.00	10	110	B
40x25	57	76	4	183	GG.512.40C.00	5	70	B
40x32	64	76	4	190	GG.512.40D.00	5	70	B
50x25	57	88	4	262	GG.512.50C.00	5	40	B
50x32	64	88	4	281	GG.512.50D.00	5	40	B
50x40	76	88	4	319	GG.512.50E.00	5	40	B
63x32	64	103	4	403	GG.512.63D.00	5	25	B
63x40	76	103	4	450	GG.512.63E.00	5	25	B
63x50	88	103	4	492	GG.512.63F.00	5	20	B
75x50	88	118	4	664	GR.512.75F.00	1	15	B
75x63	103	118	4	757	GR.512.75G.00	1	15	B
90x63	103	136	4	980	GR.512.90G.00	1	12	B
90x75	118	136	4	1123	GR.512.90H.00	1	12	B
110x75	118	151	4	1502	GR.512.11H.00	1	6	B
110x90	136	151	4	1682	GR.512.11I.00	1	6	B



GG



GR

601

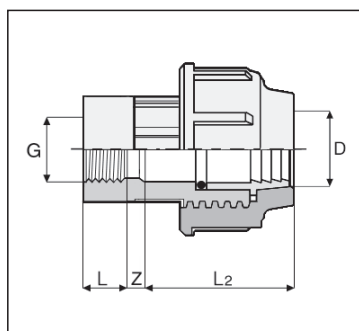
FEMALE ADAPTOR

RACCORDO FEMMINA

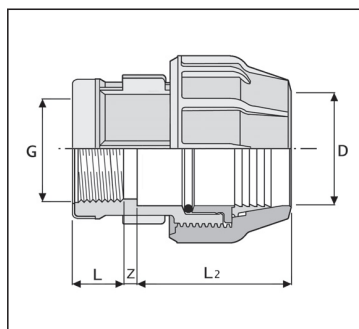
ANSCHLUSSVERSCHRAUBUNG MIT INNENGEWINDE

RACCORD FEMALE

EMPALME HEMBRA



GG



GR

DxG	L	L2	Z	Gr.	Ref.	Pack	Box	Master
16x3/8"	19	45	4	26	GG.601.16A.00	20	500	B
16x1/2"	19	45	4	30	GG.601.16B.00	20	500	B
20x1/2"	19	50	5	41	GG.601.20B.00	20	400	B
20x3/4"	21	50	6	47	GG.601.20C.00	20	340	B
25x1/2"	19	57	3	54	GG.601.25B.00	10	250	B
25x3/4"	21	57	6	61	GG.601.25C.00	10	250	B
25x1"	21	57	8	68	GG.601.25D.00	10	200	B
32x1/2"	19	64	4	85	GG.601.32B.00	10	150	B
32x3/4"	21	64	4	88	GG.601.32C.00	10	150	B
32x1"	21	64	7	95	GG.601.32D.00	10	150	B
32x1 1/4"	25	64	8	100	GG.601.32E.00	10	130	B
40x1"	21	76	4	148	GG.601.40D.00	5	90	B
40x1 1/4"	25	76	4	155	GG.601.40E.00	5	90	B
40x1 1/2"	25	76	6	172	GG.601.40F.00	5	90	B
50x1 1/4"	25	88	4	231	GG.601.50E.00	5	55	B
50x1 1/2"	25	88	6	234	GG.601.50F.00	5	55	B
50x2"	30	88	6	254	GG.601.50G.00	5	55	B
63x1 1/2"	25	103	9	360	GG.601.63F.00	5	30	B
63x2"	30	103	3	374	GG.601.63G.00	5	30	B
75x2"	30	118	7	537	GR.601.75G.00	1	25	B
75x2 1/2"	33	118	4	635	GR.601.75H.00	1	25	B
75x3"	39	118	6	580	GR.601.75I.00	1	25	B
90x2"	30	136	3	700	GR.601.90G.00	1	16	B
90x2 1/2"	33	136	10	730	GR.601.90H.00	1	16	B
90x3"	39	136	10	932	GR.601.90I.00	1	16	B
110x3"	39	151	10	1316	GG.601.111L.00	1	8	B
110x4"	45	151	10	1390	GR.601.111L.00	1	8	B

521

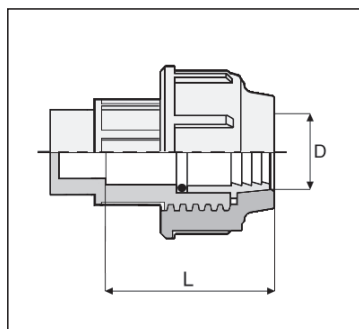
PLUG

TAPPO

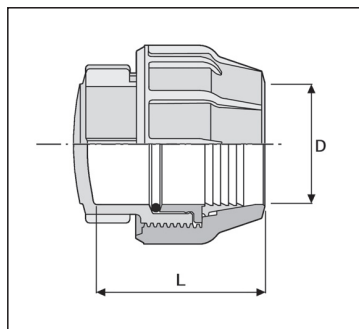
BLINDVERSCHRAUBUNG

BOUCHON FEMELLE

TAPON



GG



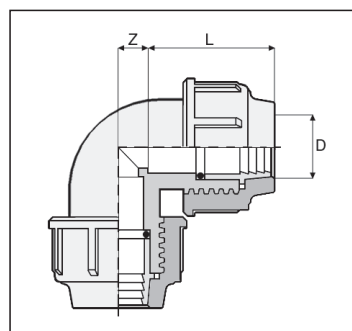
GR

D	L	Gr.	Ref.	Pack	Box	Master
16	45	30	GG.521.160.00	20	500	B
20	50	50	GG.521.200.00	20	400	B
25	57	65	GG.521.250.00	10	250	B
32	64	100	GG.521.320.00	10	150	B
40	76	165	GG.521.400.00	5	90	B
50	88	245	GG.521.500.00	5	60	B
63	103	390	GG.521.630.00	5	30	B
75	118	655	GR.521.750.00	1	28	B
90	136	950	GR.521.900.00	1	22	B
110	151	1420	GR.521.110.00	1	8	B

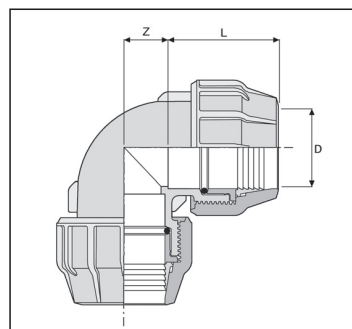
**ELBOW
GOMITO
WINKEL
COUDE
CODO**

513

DxD	L	Z	Gr.	Ref.	Pack	Box	Master
16x16	45	11	45	GG.513.160.00	20	360	B
20x20	50	13	70	GG.513.200.00	20	200	B
25x25	57	15	105	GG.513.250.00	10	150	B
32x32	64	19	161	GG.513.320.00	10	80	B
40x40	76	23	269	GG.513.400.00	5	50	B
50x50	88	28	415	GG.513.500.00	5	30	B
63x63	103	35	656	GG.513.630.00	5	15	B
75x75	118	41	994	GR.513.750.00	1	11	B
90x90	136	49	1450	GR.513.900.00	1	8	B
110x110	151	60	2193	GR.513.110.00	1	4	B



GG

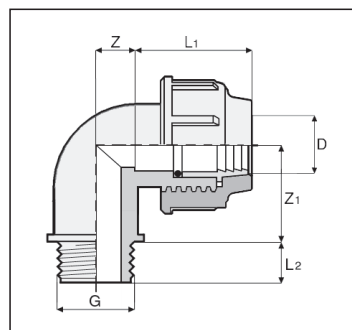


GR

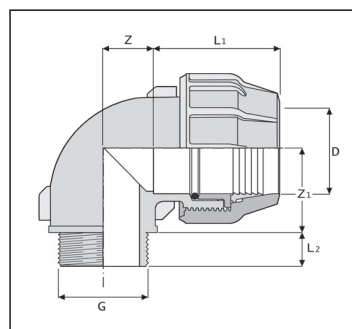
**ELBOW MALE THREADED
GOMITO FILETTATO MASCHIO
WINKEL MIT AUSSERGEWINDE
COUDE TARAUDE
CODO FILETADO MACHO**

519

DxG	L1	L2	Z	Z1	Gr.	Ref.	Pack	Box	Master
16x1/2"	45	18	11	40	29	GG.519.16B.00	20	400	B
20x1/2"	50	18	13	46	50	GG.519.20B.00	20	260	B
20x3/4"	50	20	13	46	50	GG.519.20C.00	20	260	B
25x1/2"	57	20	15	52	75	GG.519.25B.00	10	180	B
25x3/4"	57	20	15	52	75	GG.519.25C.00	10	180	B
25x1"	57	20	15	52	75	GG.519.25D.00	10	180	B
32x1"	64	20	19	61	120	GG.519.32D.00	10	110	B
32x1 1/4"	64	24	19	61	120	GG.519.32E.00	10	110	B
40x1 1/4"	76	24	23	69	198	GG.519.40E.00	5	60	B
40x1 1/2"	76	24	23	69	198	GG.519.40F.00	5	60	B
50x1 1/2"	88	24	28	82	305	GG.519.50F.00	5	35	B
50x2"	88	29	28	82	305	GG.519.50G.00	5	35	B
63x2"	103	29	35	96	480	GG.519.63G.00	5	20	B
63x2 1/2"	103	32	35	96	480	GG.519.63H.00	5	20	B
75x2 1/2"	118	32	41	111	709	GR.519.75H.00	1	14	B
75x3"	118	38	41	111	709	GR.519.75I.00	1	14	B
90x3"	136	38	49	128	1031	GR.519.90I.00	1	10	B
90x4"	136	38	49	128	1031	GG.519.90L.00	1	10	B
110x4"	153	44	58	143	1549	GR.519.11L.00	1	5	B



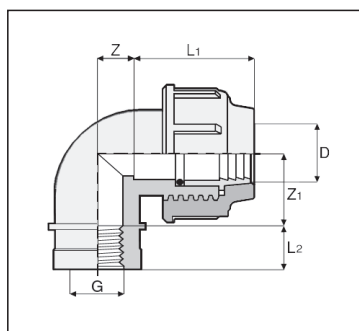
GG



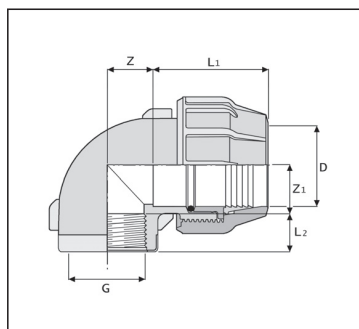
GR

518

ELBOW FEMALE THREADED
GOMITO FILETTATO FEMMINA
WINKEL MIT INNENGEWINDE
COUDE TARAUDE
CODO FILETADO HEMBRA



GG

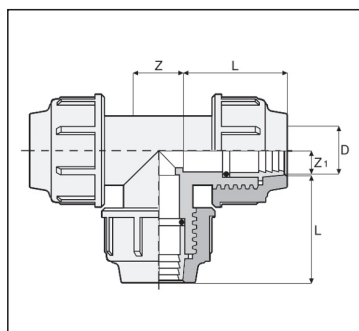


GR

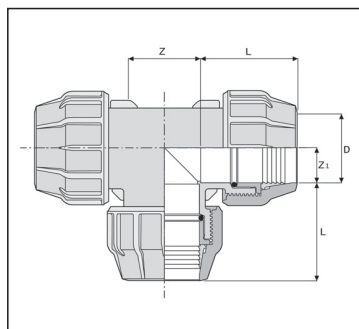
DxG	L1	L2	Z	Z1	Gr.	Ref.	Pack	Box	Master
16x3/8"	45	19	11	25	32	GG.518.16A.00	20	400	B
16x1/2"	45	19	11	28	32	GG.518.16B.00	20	400	B
20x1/2"	50	19	13	28	51	GG.518.20B.00	20	260	B
20x3/4"	57	20	13	28	51	GG.518.20C.00	20	260	B
25x1/2"	57	19	13	28	75	GG.518.25B.00	10	180	B
25x3/4"	57	21	15	31	77	GG.518.25C.00	10	180	B
25x1"	57	21	15	31	77	GG.518.25D.00	10	160	B
32x1/2"	64	19	19	40	122	GG.518.32B.00	10	110	B
32x3/4"	64	21	19	40	122	GG.518.32C.00	10	110	B
32x1"	64	21	19	40	122	GG.518.32D.00	10	110	B
32x1 1/4"	64	25	19	40	122	GG.518.32E.00	10	90	B
40x1 1/4"	76	25	23	44	198	GG.518.40E.00	5	60	B
40x1 1/2"	76	25	23	51	198	GG.518.40F.00	5	60	B
50x1 1/2"	88	25	28	55	316	GG.518.50F.00	5	35	B
50x2"	88	30	28	55	316	GG.518.50G.00	5	35	B
63x2"	103	30	35	63	582	GG.518.63G.00	5	20	B
63x2 1/2"	103	33	35	78	499	GG.518.63H.00	5	20	B
75x2 1/2"	118	33	41	73	810	GR.518.75H.00	1	14	B
75x3"	118	39	41	73	810	GR.518.75I.00	1	14	B
90x3"	136	39	49	87	1213	GR.518.90I.00	1	10	B
90x4"	136	45	49	87	1213	GG.518.90L.00	1	10	B
110x4"	151	45	60	103	1767	GR.518.11L.00	1	5	B

514

TEE
RACCORDO A T
T STÜCK
TE
RACORDO T



GG



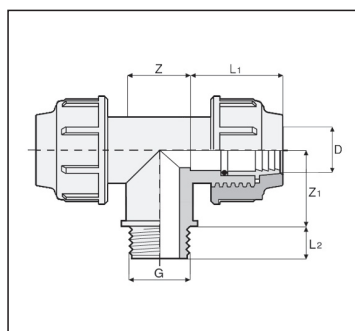
GR

DxDxD	L	Z	Z1	Gr.	Ref.	Pack	Box	Master
16x16x16	45	22	11	66	GG.514.160.00	20	220	B
20x20x20	50	26	13	101	GG.514.200.00	20	120	B
20x25x20	53	26	13	115	GG.514.20C.00	10	120	B
25x25x25	57	30	15	151	GG.514.250.00	10	90	B
25x32x25	54	30	15	190	GG.514.25D.00	10	70	B
32x32x32	64	38	19	236	GG.514.320.00	10	50	B
40x40x40	76	46	23	390	GG.514.400.00	5	30	B
50x50x50	88	56	28	598	GG.514.500.00	5	20	B
63x63x63	103	70	35	944	GG.514.630.00	4	12	B
75x75x75	118	82	41	1427	GR.514.750.00	1	7	B
90x90x90	136	98	49	2113	GR.514.900.00	1	5	B
110x110x110	151	120	60	3191	GR.514.110.00	1	3	B

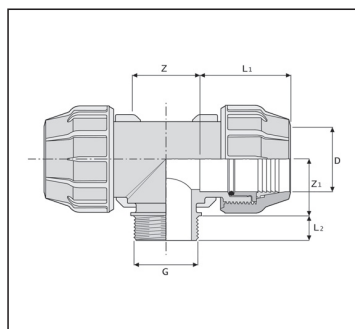
TEE MALE THREADED
T FILETTATO MASCHIO
T STÜCK MIT AUSSENGEWINDE
Te FILETE
T FILETADO MACHO

516

DxGxD	L1	L2	Z	Z1	Gr.	Ref.	Pack	Box	Master
16x1/2"x16	45	18	22	40	52	GG.516.16B.00	20	240	B
20x1/2"x20	50	18	26	46	82	GG.516.20B.00	20	140	B
20x3/4"x20	50	20	26	46	82	GG.516.20C.00	20	140	B
25x3/4"x25	57	20	30	52	122	GG.516.25C.00	10	100	B
25x1"x25	57	20	30	52	122	GG.516.25D.00	10	100	B
32x1"x32	64	20	38	61	190	GG.516.32D.00	10	60	B
32x1 1/4"x32	64	24	38	61	190	GG.516.32E.00	10	60	B
40x1 1/4"x40	76	24	46	69	322	GG.516.40E.00	5	30	B
40x1 1/2"x40	76	24	46	69	322	GG.516.40F.00	5	30	B
50x1 1/2"x50	88	24	56	82	490	GG.516.50F.00	5	20	B
50x2"x50	88	29	56	82	490	GG.516.50G.00	5	20	B
63x2"x63	103	29	70	96	775	GG.516.63G.00	4	12	B
63x2 1/2"x63	103	32	70	96	775	GG.516.63H.00	4	12	B
75x2 1/2"x75	118	32	82	111	790	GR.516.75H.00	1	10	B
75x3"x75	118	38	82	111	1150	GG.516.75I.00	1	10	B
90x3"x90	125	38	97	122	1800	GR.516.90I.00	1	6	B
90x4"x90	125	44	97	130	1680	GG.516.90L.00	1	6	B
110x4"x110	144	44	119	143	2523	GR.516.11L.00	1	3	B



GG

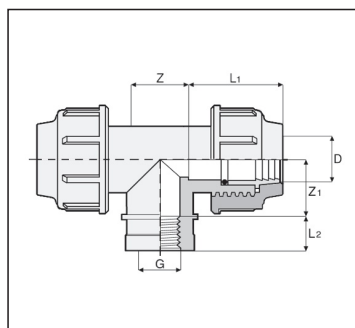


GR

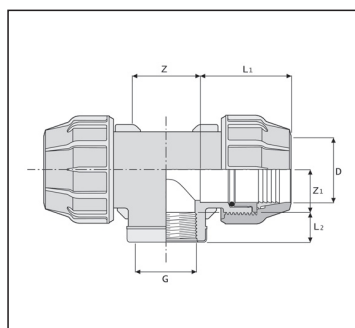
TEE FEMALE THREADED
T FILETTATO FEMMINA
T STÜCK MIT INNENGEWINDE
Te TARAUDE
T FILETADO HEMBRA

515

DxGxD	L1	L2	Z	Z1	Gr.	Ref.	Pack	Box	Master
16x3/8"x16	45	19	22	25	55	GG.515.16A.00	20	240	B
16x1/2"x16	45	19	22	19	48	GG.515.16B.00	20	240	B
20x1/2"x20	50	19	26	27	85	GG.515.20B.00	20	140	B
20x3/4"x20	50	19	26	27	85	GG.515.20C.00	20	140	B
25x1/2"x25	57	19	30	31	127	GG.515.25B.00	10	100	B
25x3/4"x25	57	21	30	31	127	GG.515.25C.00	10	100	B
25x1"x25	57	21	30	35	127	GG.515.25D.00	10	100	B
32x1/2"x32	64	19	38	40	195	GG.515.32B.00	10	60	B
32x3/4"x32	64	21	38	40	195	GG.515.32C.00	10	60	B
32x1"x32	64	21	38	40	195	GG.515.32D.00	10	60	B
32x1 1/4"x32	64	25	38	40	195	GG.515.32E.00	10	50	B
40x1"x40	76	21	46	44	322	GG.515.40D.00	5	30	B
40x1 1/4"x40	76	25	46	44	322	GG.515.40E.00	5	30	B
40x1 1/2"x40	76	25	46	50	322	GG.515.40F.00	5	30	B
50x1 1/2"x50	88	25	56	55	510	GG.515.50F.00	5	20	B
50x2"x50	88	25	56	55	510	GG.515.50G.00	5	20	B
63x2"x63	103	30	70	64	801	GG.515.63G.00	4	12	B
63x2 1/2"x63	103	33	70	64	801	GG.515.63H.00	4	12	B
75x2 1/2"x75	118	33	82	75	1270	GR.515.75H.00	1	10	B
75x3"x75	118	36	82	80	1270	GG.515.75I.00	1	10	B
90x3"x90	136	36	98	87	1882	GR.515.90I.00	1	6	B
90x4"x90	136	40	98	91	1882	GG.515.90L.00	1	6	B
110x4"x110	151	40	120	103	2780	GR.515.11L.00	1	3	B

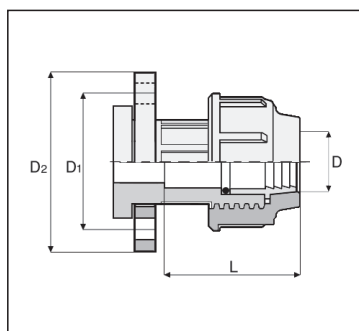


GG

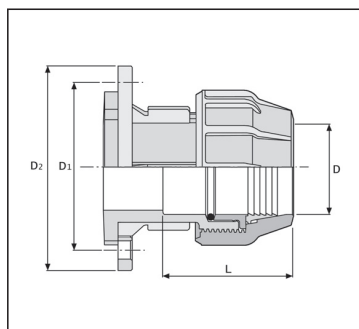


GR

520



GG



GR

FLANGE ADAPTOR

RACCORDO FLANGIATO

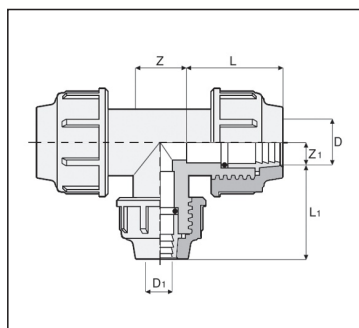
ANSCHLUSSVERSCHRAUBUNG MIT FLANSCHANSCHLUSS

JOINT A BRIDE

EMPALME CON ARANDELA

DxDN	L	D1	D2	n°Drill	Gr.	Ref.	Pack	Box	Master
75x2 1/2"	118	145	185	4	886	GR.520.75H.00	1	5	C
75x3"	118	160	200	8	992	GG.520.75I.00	1	13	B
90x3"	136	160	200	4	1198	GR.520.90I.00	1	8	B
90x4"	136	180	220	8	1364	GG.520.90L.00	1	8	B
110x4"	151	180	220	8	1684	GR.520.11L.00	1	6	B

523



REDUCING TEE

Ti RIDOTTO

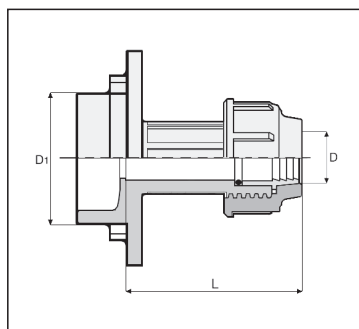
T REDUZIERT

Te REDUIT

T REDUCIDO

DxD1xD	L	L1	Z	Z1	Gr.	Ref.	Box	Master
25x20x25	51,5	47	30	14	132	GG.523.25B.00	100	B
32x25x32	57,5	51	32	19	207	GG.523.32C.00	60	B
40x32x40	83	75	40	17	340	GG.523.40D.00	40	B
50x40x50	100	90	44	23	580	GG.523.50E.00	20	B
63x50x63	95	85	66	33	950	GG.523.63F.00	12	B

517



REDUCER JOINT

GIUNTO DI RIDUZIONE

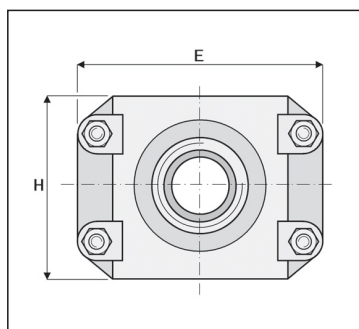
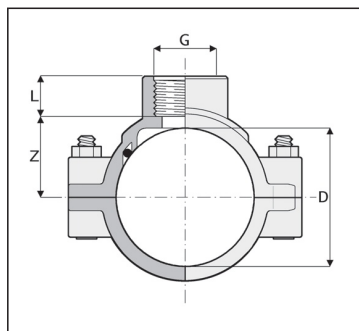
STECK REDUCTION

REDUCTION

REDUCION

D1xD	L	Gr.	Ref.	Pack	Box	Master
50x20	79	55	GG.517.50B.00	20	120	B
50x25	81	65	GG.517.50C.00	20	120	B
63x20	79	85	GG.517.63B.00	10	100	B
63x25	81	100	GG.517.63C.00	10	100	B

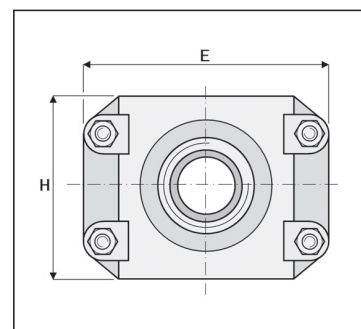
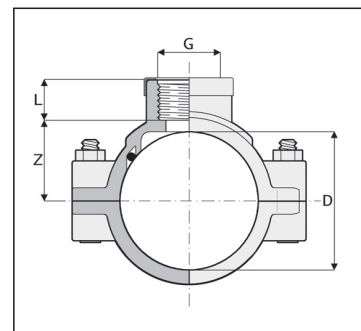
503



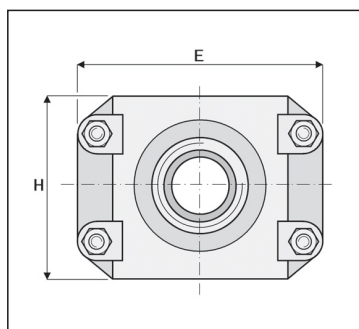
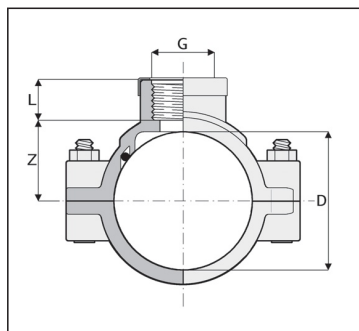
DxG	L	Z	E	H	Gr.	N°Bolts	Bolts	Ref.	Pack	Box	Master
20x1/2"	17	16	62	37.5	51	2	M6x35	1S.503.20B.00F	1	150	C
25x1/2"	18.5	18.5	69	43	62	2	M6x35	1S.503.25B.00F	1	120	C
25x3/4"	18.5	18.5	69	43	66	2	M6x35	1S.503.25C.00F	1	120	C
32x1/2"	18.5	22.5	78	45	96	2	M8x45	1S.503.32B.00F	1	100	C
32x3/4"	18.5	22.5	78	45	98	2	M8x45	1S.503.32C.00F	1	100	C
32x1"	18.5	22.5	91	60	131	2	M8x45	1S.503.32D.00F	1	60	C
40x1/2"	22	27	84	51	115	2	M8x45	1S.503.40B.00F	1	60	C
40x3/4"	22	27	84	51	120	2	M8x45	1S.503.40C.00F	1	60	C
40x1"	22	27	84	51	125	2	M8x45	1S.503.40D.00F	1	60	C
50x1/2"	22	32.5	87	53	117	2	M8x45	1S.503.50B.00F	1	50	C
50x3/4"	22	32.5	87	53	120	2	M8x45	1S.503.50C.00F	1	50	C
50x1"	22	32.5	87	53	125	2	M8x45	1S.503.50D.00F	1	50	C
63x1/2"	17	40	100	71	235	4	M8x50	1S.503.63B.00F	1	75	C
63x3/4"	20	40	100	71	240	4	M8x50	1S.503.63C.00F	1	75	C
63x1"	22	40	100	71	242	4	M8x50	1S.503.63D.00F	1	75	C
63x1 1/4"	24	40	100	71	250	4	M8x50	1S.503.63E.00F	1	70	C
63x1 1/2"	24	40	100	71	255	4	M8x50	1S.503.63F.00F	1	70	C
75x1/2"	17	44.5	120	91	310	4	M8x50	1S.503.75B.00F	1	50	B
75x3/4"	20	44.5	120	91	315	4	M8x50	1S.503.75C.00F	1	50	B
75x1"	22	44.5	120	91	322	4	M8x50	1S.503.75D.00F	1	50	B
75x1 1/4"	24	44.5	120	91	350	4	M8x50	1S.503.75E.00F	1	45	B
75x1 1/2"	24	44.5	120	91	330	4	M8x50	1S.503.75F.00F	1	45	B
75x2"	26	44.5	120	91	330	4	M8x50	1S.503.75G.00F	1	45	B
90x1/2"	17	52	137	91	355	4	M8x60	1S.503.90B.00F	1	40	B
90x3/4"	20	52	137	91	357	4	M8x60	1S.503.90C.00F	1	40	B
90x1"	22	52	137	91	360	4	M8x60	1S.503.90D.00F	1	40	B
90x1 1/4"	24	52	137	91	360	4	M8x60	1S.503.90E.00F	1	35	B
90x1 1/2"	24	52	137	91	368	4	M8x60	1S.503.90F.00F	1	35	B
90x2"	26	52	137	91	374	4	M8x60	1S.503.90G.00F	1	35	B
110x1/2"	17	65	155	98.5	400	4	M8x60	1S.503.11B.00F	1	25	B
110x3/4"	20	65	155	98.5	403	4	M8x60	1S.503.11C.00F	1	25	B
110x1"	22	65	155	98.5	410	4	M8x60	1S.503.11D.00F	1	25	B
110x1 1/4"	24	65	155	98.5	420	4	M8x60	1S.503.11E.00F	1	25	B
110x1 1/2"	24	65	155	98.5	426	4	M8x60	1S.503.11F.00F	1	25	B
110x2"	24	65	155	98.5	435	4	M8x60	1S.503.11G.00F	1	25	B
110x3"	33	65	159	118.5	507	4	M8x60	1S.503.11I.00F	1	20	B

DxG	L	Z	E	H	Gr.	N°Bolts	Bolts	Ref.	Pack	Box	Master
20x1/2"	17	16	62	37.5	56	2	M6x35	1S.505.20B.00F	1	150	C
25x1/2"	18.5	18.5	69	43	67	2	M6x35	1S.505.25B.00F	1	120	C
25x3/4"	18.5	18.5	69	43	71	2	M6x35	1S.505.25C.00F	1	120	C
32x1/2"	18.5	22.5	78	45	99	2	M8x45	1S.505.32B.00F	1	100	C
32x3/4"	18.5	22.5	78	45	103	2	M8x45	1S.505.32C.00F	1	100	C
32x1"	18.5	22.5	91	60	138	2	M8x45	1S.505.32D.00F	1	60	C
40x1/2"	22	27	84	51	119	2	M8x45	1S.505.40B.00F	1	60	C
40x3/4"	22	27	84	51	125	2	M8x45	1S.505.40C.00F	1	60	C
40x1"	22	27	84	51	132	2	M8x45	1S.505.40D.00F	1	60	C
50x1/2"	22	32.5	87	53	119	2	M8x45	1S.505.50B.00F	1	50	C
50x3/4"	22	32.5	87	53	123	2	M8x45	1S.505.50C.00F	1	50	C
50x1"	22	32.5	87	53	132	2	M8x45	1S.505.50D.00F	1	50	C
63x1/2"	17	40	100	71	237	4	M8x50	1S.505.63B.00F	1	75	B
63x3/4"	20	40	100	71	244	4	M8x50	1S.505.63C.00F	1	75	B
63x1"	22	40	100	71	249	4	M8x50	1S.505.63D.00F	1	75	B
63x1 1/4"	24	40	100	71	260	4	M8x50	1S.505.63E.00F	1	70	B
63x1 1/2"	24	40	100	71	267	4	M8x50	1S.505.63F.00F	1	70	B
75x1/2"	17	44.5	120	91	312	4	M8x50	1S.505.75B.00F	1	50	B
75x3/4"	20	44.5	120	91	319	4	M8x50	1S.505.75C.00F	1	50	B
75x1"	22	44.5	120	91	329	4	M8x50	1S.505.75D.00F	1	50	B
75x1 1/4"	24	44.5	120	91	360	4	M8x50	1S.505.75E.00F	1	45	B
75x1 1/2"	24	44.5	120	91	342	4	M8x50	1S.505.75F.00F	1	45	B
75x2"	26	44.5	120	91	346	4	M8x50	1S.505.75G.00F	1	45	B
90x1/2"	17	52	137	91	358	4	M8x60	1S.505.90B.00F	1	40	B
90x3/4"	20	52	137	91	360	4	M8x60	1S.505.90C.00F	1	40	B
90x1"	22	52	137	91	367	4	M8x60	1S.505.90D.00F	1	40	B
90x1 1/4"	24	52	137	91	370	4	M8x60	1S.505.90E.00F	1	35	B
90x1 1/2"	24	52	137	91	380	4	M8x60	1S.505.90F.00F	1	35	B
90x2"	26	52	137	91	390	4	M8x60	1S.505.90G.00F	1	35	B
110x1/2"	17	65	155	98.5	403	4	M8x60	1S.505.11B.00F	1	25	B
110x3/4"	20	65	155	98.5	407	4	M8x60	1S.505.11C.00F	1	25	B
110x1"	22	65	155	98.5	417	4	M8x60	1S.505.11D.00F	1	25	B
110x1 1/4"	24	65	155	98.5	430	4	M8x60	1S.505.11E.00F	1	25	B
110x1 1/2"	24	65	155	98.5	438	4	M8x60	1S.505.11F.00F	1	25	B
110x2"	24	65	155	98.5	451	4	M8x60	1S.505.11G.00F	1	25	B
110x3"	33	65	155	98.5	537	4	M8x60	1S.505.11L.00F	1	20	B
125x3/4"	20	73.5	168	101	540	4	M8x60	1S.505.13C.00F	1	30	B
125x1"	22	73.5	168	101	543	4	M8x60	1S.505.13D.00F	1	30	B
125x1 1/4"	24	73.5	168	101	545	4	M8x60	1S.505.13E.00F	1	30	B
125x1 1/2"	24	73.5	168	101	548	4	M8x60	1S.505.13F.00F	1	30	B
125x2"	24	73.5	168	101	552	4	M8x60	1S.505.13G.00F	1	30	B
140x1"	22	80	189	134	921	6	M8x60	1S.505.15D.00F	1	20	B
140x1 1/4"	24	80	189	134	923	6	M8x60	1S.505.15E.00F	1	20	B
140x1 1/2"	24	80	189	134	926	6	M8x60	1S.505.15F.00F	1	20	B
140x2"	24	80	189	134	930	6	M8x60	1S.505.15G.00F	1	20	B
140x2 1/2"	24	80	189	134	937	6	M8x60	1S.505.15H.00F	1	20	B
140x3"	33	80	189	134	944	6	M8x60	1S.505.15L.00F	1	20	B
160x3/4"	22	88	213	137	987	6	M8x60	1S.505.17C.00F	1	16	B
160x1"	22	88	213	137	991	6	M8x60	1S.505.17D.00F	1	16	B
160x1 1/4"	24	88	213	137	994	6	M8x60	1S.505.17E.00F	1	16	B
160x1 1/2"	24	88	213	137	996	6	M8x60	1S.505.17F.00F	1	16	B

505



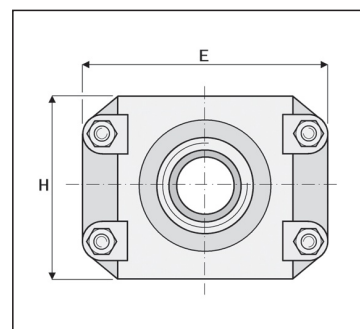
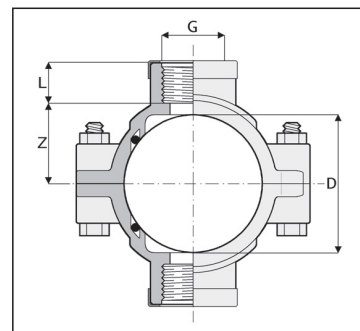
505



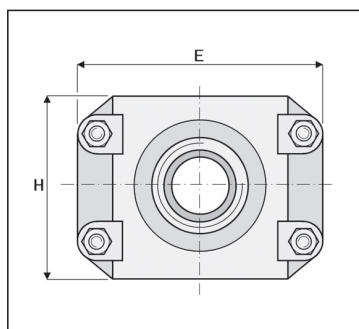
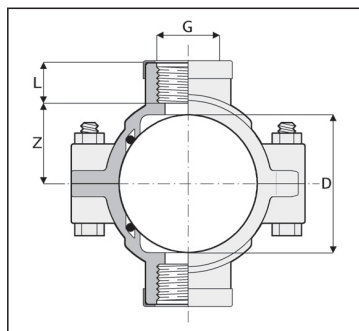
DxG	L	Z	E	H	Gr.	N°Bolts	Bolts	Ref.	Pack	Box	Master
160x2"	28.5	88	213	137	1000	6	M8x60	1S.505.17G.00F	1	16	B
160x3"	36	88	213	137	1014	6	M8x60	1S.505.17I.00F	1	15	B
180x1 1/4"	24	115	265	171	2289	6	M10x80	1S.505.18E.00	1	8	B
180x1 1/2"	24	115	265	171	2292	6	M10x80	1S.505.18F.00	1	8	B
180x2"	24	115	265	171	2296	6	M10x80	1S.505.18G.00	1	8	B
180x3"	33	115	265	171	2310	6	M10x80	1S.505.18I.00	1	8	B
180x4"	42	115	265	171	2314	6	M10x80	1S.505.18L.00	1	6	B
200x1 1/4"	24	115	265	171	2019	6	M10x80	1S.505.21E.00	1	8	B
200x1 1/2"	24	115	265	171	2022	6	M10x80	1S.505.21F.00	1	8	B
200x2"	24	115	265	171	2026	6	M10x80	1S.505.21G.00	1	8	B
200x3"	33	115	265	171	2040	6	M10x80	1S.505.21I.00	1	8	B
200x4"	42	115	265	171	2044	6	M10x80	1S.505.21L.00	1	8	B
225x1 1/4"	24	127.5	280	173	2165	6	M10x80	1S.505.23E.00	1	7	B
225x1 1/2"	24	127.5	280	173	2145	6	M10x80	1S.505.23F.00	1	7	B
225x2"	24	127.5	280	173	2155	6	M10x80	1S.505.23G.00	1	7	B
225x3"	33	127.5	280	173	2180	6	M10x80	1S.505.23I.00	1	7	B
225x4"	42	127.5	280	173	2210	6	M10x80	1S.505.23L.00	1	7	B
250x1 1/4"	24	142	313	181	2545	6	M10x80	1S.505.26E.00	1	7	B
250x1 1/2"	24	142	313	181	2548	6	M10x80	1S.505.26F.00	1	7	B
250x2"	224	142	313	181	2552	6	M10x80	1S.505.26G.00	1	7	B
250x3"	33	142	313	181	2566	6	M10x80	1S.505.26I.00	1	7	B
250x4"	42	142	313	181	2570	6	M10x80	1S.505.26L.00	1	6	B
280x1 1/4"	24	171	385	190	4069	6	M10x80	1S.505.28E.00	1	3	B
280x1 1/2"	24	171	385	190	4072	6	M10x80	1S.505.28F.00	1	3	B
280x2"	24	171	385	190	4076	6	M10x80	1S.505.28G.00	1	3	B
280x3"	33	171	385	190	4090	6	M10x80	1S.505.28I.00	1	3	B
280x4"	42	171	385	190	4094	6	M10x80	1S.505.28L.00	1	3	B
315x1 1/4"	24	171	385	190	3168	6	M10x80	1S.505.33E.00	1	4	B
315x1 1/2"	24	171	385	190	3171	6	M10x80	1S.505.33F.00	1	4	B
315x2"	24	171	385	190	3175	6	M10x80	1S.505.33G.00	1	4	B
315x3"	33	171	385	190	3189	6	M10x80	1S.505.33I.00	1	4	B
315x4"	42	171	385	190	3193	6	M10x80	1S.505.33L.00	1	4	B

DxGxG	L	Z	E	H	Gr.	N°Bolts	Bolts	Ref.	Pack
20x1/2"x1/2"	17	16	62	37.5	61	2	M6x35	1S.508.20B.00	1
25x1/2"x1/2"	18.5	18.5	69	43	53	2	M6x35	1S.508.25B.00	1
25x3/4"x3/4"	18.5	18.5	69	43	79	2	M6x35	1S.508.25C.00	1
32x1/2"x1/2"	18.5	22.5	78	45	106	2	M8x45	1S.508.32B.00	1
32x3/4"x3/4"	18.5	22.5	78	45	114	2	M8x45	1S.508.32C.00	1
32x1"x1"	18.5	22.5	91	60	154	2	M8x45	1S.508.32D.00	1
40x1/2"x1/2"	22	27	84	51	132	2	M8x45	1S.508.40B.00	1
40x3/4"x3/4"	22	27	84	51	144	2	M8x45	1S.508.40C.00	1
40x1"x1"	22	27	84	51	156	2	M8x45	1S.508.40D.00	1
50x1/2"x1/2"	22	32.5	87	53	126	2	M8x50	1S.508.50B.00	1
50x3/4"x3/4"	22	32.5	87	53	140	2	M8x50	1S.508.50C.00	1
50x1"x1"	22	32.5	87	53	154	2	M8x50	1S.508.50D.00	1
63x1/2"x1/2"	17	40	100	71	250	4	M8x50	1S.508.63B.00	1
63x3/4"x3/4"	20	40	100	71	252	4	M8x50	1S.508.63C.00	1
63x1"x1"	22	40	100	71	272	4	M8x50	1S.508.63D.00	1
63x1 1/4"x1 1/4"	24	40	100	71	292	4	M8x50	1S.508.63E.00	1
63x1 1/2"x1 1/2"	24	40	100	71	308	4	M8x50	1S.508.63F.00	1
75x1/2"x1/2"	17	44.5	170	91	320	4	M8x60	1S.508.75B.00	1
75x3/4"x3/4"	20	44.5	170	91	324	4	M8x60	1S.508.75C.00	1
75x1"x1"	22	44.5	170	91	340	4	M8x60	1S.508.75D.00	1
75x1 1/4"x1 1/4"	24	44.5	170	91	356	4	M8x60	1S.508.75E.00	1
75x1 1/2"x1 1/2"	24	44.5	170	91	364	4	M8x60	1S.508.75F.00	1
75x2"x2"	26	44.5	170	91	392	4	M8x60	1S.508.75G.00	1
90x1/2"x1/2"	17	52	137	91	362	4	M8x60	1S.508.90B.00	1
90x3/4"x3/4"	20	52	137	91	366	4	M8x60	1S.508.90C.00	1
90x1"x1"	22	52	137	91	374	4	M8x60	1S.508.90D.00	1
90x1 1/4"x1 1/4"	24	52	137	91	392	4	M8x60	1S.508.90E.00	1
90x1 1/2"x1 1/2"	24	52	137	91	398	4	M8x60	1S.508.90F.00	1
90x2"x2"	26	52	137	91	414	4	M8x60	1S.508.90G.00	1
110x1/2"x1/2"	17	65	155	98.5	408	4	M8x60	1S.508.11B.00	1
110x3/4"x3/4"	20	65	155	98.5	414	4	M8x60	1S.508.11C.00	1
110x1"x1"	22	65	155	98.5	422	4	M8x60	1S.508.11D.00	1
110x1 1/4"x1 1/4"	24	65	155	98.5	450	4	M8x60	1S.508.11E.00	1
110x1 1/2"x1 1/2"	24	65	155	98.5	466	4	M8x60	1S.508.11F.00	1
110x2"x2"	24	65	155	98.5	494	4	M8x60	1S.508.11G.00	1
110x3"x3"	33	65	159	118.5	730	4	M8x60	1S.508.11I.00	1
125x3/4"x3/4"	20	73.5	168	101	540	4	M8x60	1S.508.13C.00	1
125x1"x1"	22	73.5	168	101	553	4	M8x60	1S.508.13D.00	1
125x1 1/4"x1 1/4"	24	73.5	168	101	575	4	M8x60	1S.508.13E.00	1
125x1 1/2"x1 1/2"	24	73.5	168	101	589	4	M8x60	1S.508.13F.00	1
125x2"x2"	24	73.5	168	101	615	4	M8x60	1S.508.13G.00	1
140x1"x1"	22	80	189	134	968	6	M8x75	1S.508.15D.00	1
140x1 1/4"x1 1/4"	24	80	189	134	985	6	M8x75	1S.508.15E.00	1
140x1 1/2"x1 1/2"	24	80	189	134	995	6	M8x75	1S.508.15F.00	1
140x2"x2"	24	80	189	134	1015	6	M8x75	1S.508.15G.00	1
140x2 1/2"x2 1/2"	24	80	189	134	1070	6	M8x75	1S.508.15H.00	1
140x3"x3"	33	80	189	134	1200	6	M8x75	1S.508.15I.00	1
160x1"x1"	22	88	213	137	1045	6	M8x75	1S.508.17D.00	1
160x1 1/4"x1 1/4"	24	88	213	137	1080	6	M8x75	1S.508.17E.00	1
160x1 1/2"x1 1/2"	24	88	213	137	1098	6	M8x75	1S.508.17F.00	1

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DxGxG	L	Z	E	H	Gr.	N°Bolts	Bolts	Ref.	Pack
160x2"x2"	28.5	88	213	135	1135	6	M8x75	1S.508.17G.00	1
160x3"x3"	36	88	213	135	1120	6	M8x75	1S.508.17I.00	1
180x1 1/4"x1 1/4"	24	115	265	171	2356	6	M10x80	1S.508.18E.00	1
180x1 1/2"x1 1/2"	24	115	265	171	2380	6	M10x80	1S.508.18F.00	1
180x2"x2"	24	115	265	171	2460	6	M10x80	1S.508.18G.00	1
180x3"x3"	33	115	265	171	2660	6	M10x80	1S.508.18I.00	1
180x4"x4"	42	115	265	171	2840	6	M10x80	1S.508.18L.00	1
200x1 1/4"x1 1/4"	24	115	265	171	1910	6	M10x80	1S.508.21E.00	1
200x1 1/2"x1 1/2"	24	115	265	171	1935	6	M10x80	1S.508.21F.00	1
200x2"x2"	24	115	265	171	1980	6	M10x80	1S.508.21G.00	1
200x3"x3"	33	115	265	171	2200	6	M10x80	1S.508.21I.00	1
200x4"x4"	42	115	265	171	2380	6	M10x80	1S.508.21L.00	1
225x1 1/4"x1 1/4"	24	127.5	280	173	2110	6	M10x80	1S.508.23E.00	1
225x1 1/2"x1 1/2"	24	127.5	280	173	2130	6	M10x80	1S.508.23F.00	1
225x2"x2"	24	127.5	280	173	2195	6	M10x80	1S.508.23G.00	1
225x3"x3"	33	127.5	280	173	2420	6	M10x80	1S.508.23I.00	1
225x4"x4"	42	127.5	280	173	2600	6	M10x80	1S.508.23L.00	1
250x1 1/4"x1 1/4"	24	142	313	181	2580	6	M10x80	1S.508.26E.00	1
250x1 1/2"x1 1/2"	24	142	313	181	2600	6	M10x80	1S.508.26F.00	1
250x2"x2"	224	142	313	181	2650	6	M10x80	1S.508.26G.00	1
250x3"x3"	33	142	313	181	2860	6	M10x80	1S.508.26I.00	1
250x4"x4"	42	142	313	181	3040	6	M10x80	1S.508.26L.00	1
280x1 1/4"x1 1/2"	24	171	385	190	4050	6	M10x80	1S.508.28E.00	1
280x1 1/2"x1 1/2"	24	171	385	190	4070	6	M10x80	1S.508.28F.00	1
280x2"x2"	24	171	385	190	4120	6	M10x80	1S.508.28G.00	1
280x3"x3"	33	171	385	190	4320	6	M10x80	1S.508.28I.00	1
280x4"x4"	42	171	385	190	4500	6	M10x80	1S.508.28L.00	1
315x1 1/4"x1 1/4"	24	171	385	190	3105	6	M10x80	1S.508.33E.00	1
315x1 1/2"x1 1/2"	24	171	385	190	3120	6	M10x80	1S.508.33F.00	1
315x2"x2"	24	171	385	190	3170	6	M10x80	1S.508.33G.00	1
315x3"x3"	33	171	385	190	3400	6	M10x80	1S.508.33I.00	1
315x4"x4"	42	171	385	190	3600	6	M10x80	1S.508.33L.00	1

505 - WORKING PRESSURE TO 20°C ACCORDING TO ISO 13460

D x G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
20	10 BAR								
25	10 BAR	10 BAR							
32	10 BAR	10 BAR	10 BAR						
40	10 BAR	10 BAR	10 BAR						
50	10 BAR	10 BAR	10 BAR						
63	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR				
75	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR			
90	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR			
110	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR	10 BAR		6 BAR	
125		10 BAR	10 BAR	10 BAR	10 BAR	10 BAR			
140			10 BAR	10 BAR	10 BAR	10 BAR	6 BAR	6 BAR	
160		10 BAR	10 BAR	10 BAR	10 BAR	10 BAR		6 BAR	
180				6 BAR	6 BAR	6 BAR		6 BAR	6 BAR
200				6 BAR	6 BAR	6 BAR		6 BAR	6 BAR
225				4 BAR	4 BAR	4 BAR		4 BAR	4 BAR
250				4 BAR	4 BAR	4 BAR		4 BAR	4 BAR
280				4 BAR	4 BAR	4 BAR		4 BAR	4 BAR
315				4 BAR	4 BAR	4 BAR		4 BAR	4 BAR