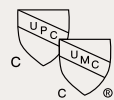




ISO9001/14001/45000

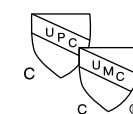


Zhejiang IPC Piping System Co.,Ltd.

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Ningbo IPC Piping System Co.,Ltd.

Address: Floor 47, Building A, International Trade Center, Ningbo Chamber Of Commerce,
No.558 of Taikangzhong Road, Yinzhou District, Ningbo, 315100 China
Tel.: +86(0)574 27670688-1001
Fax: +86(0)574 27670609
Email: sales@cbpipe.com
Website: www.cbpipe.cn



Thick-Walled Stainless Steel Press Piping System



Our products have been certified by DVGW, WRAS, CSTB, ACS, GDV, and VDS. Especially for thick-walled carbon press piping, we have CUPC, FM and UL certificates. We have independent large CNAS approved laboratories with various inspection facilities for fittings and piping system. Such as material test and dimension calibration, spectrometer, profile scanner, CMM, metallographic analyzer, salt spray test, pull-out test, pneumatic leakage test, eddy current testing line, bursting test, tumbling test, life cycle test, etc.

We inherit to the business philosophy of energy saving, environmental and sustainable development to lead the industry. Our company adheres to the strategic policy of "Making quality products, Setting a model for the business", and friendly cooperates with domestic and foreign customers with high-quality services, and work together to win splendid future!

COMPANY PROFILE

We, IPC Piping system Co., Ltd, with a registered capital of USD 20 million and turnover USD 200 million 2023, are a national high-tech enterprise, certified by ISO9001, ISO14001 and also OHSAS18001/ISO45001. Our company is one of the world leading manufacturer of Carbon steel and Stainless steel Press Fitting and piping systems.

We have established three manufacturing bases in China, one is in Taizhou, Zhejiang and another one is in Xingtai, Hebei province and a New Smart Factory in Jiaxing, Zhejiang which was finished in May, 2021. The new base is a first advanced "lighthouse" factory in this industry in China. All production bases are equipped with leading automated production facilities and lines. We also use advanced technology of Electrophoresis surface treatment and nanotechnology epoxy resin coating. Through excellent innovation, research and development, our products are widely used in Water Supply, Gas, Fire Protection, Municipal Water Treatment, HVAC and other supporting application.



SPECIFICATION

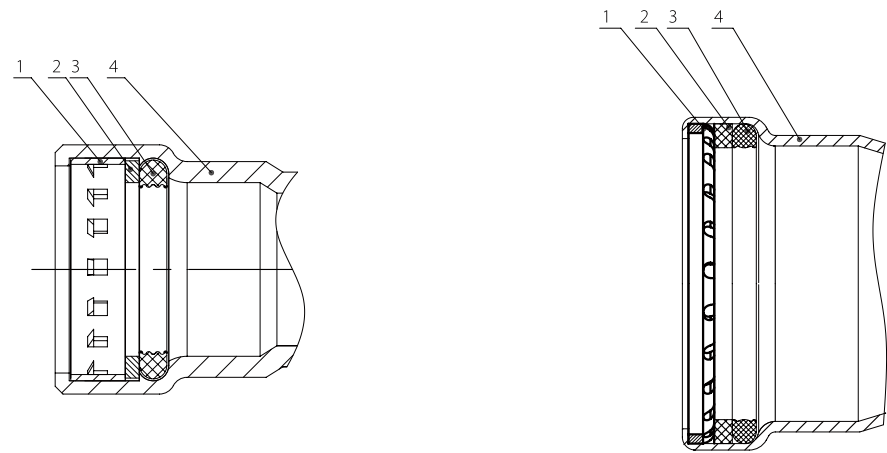
IPC stainless steel press fitting is especially suited for use in mechanical & potable water piping systems utilizing schedule 10 & schedule 40 stainless steel pipe. Certified and fast installing system. Reliability with a friendly assembly technique.

Stainless Steel Fitting Body with

- Size Range 1/2” to 4”
- 304/316L stainless steel
- EPDM, HNBR, and FKM engineered sealing element
- 1/2” to 2”: stainless steel separator ring
- 2½” to 4”: graphene separator ring

Operating Parameters

- Operating Pressure: 200 PSI Max for water
- EPDM temperature ranges are typically 0°F to 250°F
- FKM temperature ranges are typically 14°F to 284°F with temperature spikes (24hr) up to 356°F
- HNBR temperature ranges are typically -40°F to 180°F



Material List

No.	Part Name	Material
1	Grap ring	Stainless Steel
2	Washer	Stainless Steel
3	O-ring	HNBR / EPDM / FKM
4	Body	Stainless steel

Size: 1/2"~2"

No.	Part Name	Material
1	Grap ring	Stainless Steel
2	Washer	Graphite
3	O-ring	HNBR / EPDM / FKM
4	Body	Stainless steel

Size: 2½"~4"



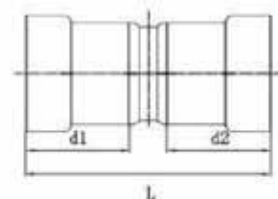
Complies with

- IAPMO/ANSI/CAN Z1117-2022 Press Connections
- IAPMO Uniform Plumbing Code
- IAPMO Uniform Mechanical Code
- ASME B31: Code for Pressure Piping
- NSF ANSI 61
- NSF ANSI 372

Why Choose IPC Thick-Walled Stainless Steel Press Fittings

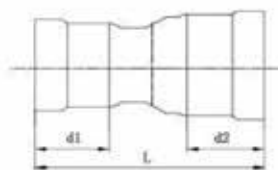
- Time saving 60% than traditional connection ways (like welding, threading, grooving and etc.)
- Simple installation training, saving labor cost
- No flame, connection under ordinary temperature

Equal Coupler



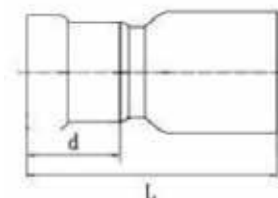
Code EPDM	Code HNBR	Designator	L (mm)	d1/d2 (mm)
28541020002	28501020047	1/2"	72	26
28541030002	28501030077	3/4"	82	30
28541040005	28501040067	1"	91	34.5
28541050004	28501050068	1 1/4"	120	45.7
28541060002	28501060068	1 1/2"	124	47
28541070003	28501070063	2"	130	49
28501080200	28501080166	2 1/2"	125	47.5
28501080201	28501080167	3"	152	58.5
28501080202	28501080168	4"	200	79.5

Reduced Coupler



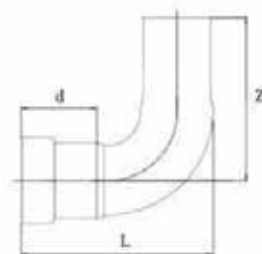
Code EPDM	Code HNBR	Designator	L (mm)	d1 (mm)	d2 (mm)
28541020010	28501020055	3/4"x1/2"	77	26	30
28541020011	28501020056	1"x1/2"	85	26	34.5
28541030011	28501030086	1"x3/4"	88.5	30	34.5
28511030038	28501030087	1 1/4"x3/4"	109	30	45.7
28541040015	28501040077	1 1/4"x1"	106.5	34.5	45.7
28541060015	28501040078	1 1/2"x1"	112.5	34.5	47
28511050059	28501050079	1 1/2"x1 1/4"	120	45.7	47
28511050060	28501050080	2"x1 1/4"	135	45.7	49
28541060014	28501060080	2"x1 1/2"	134	47	49
28501080193	28501080154	2 1/2"x1"	139.5	34.5	47.5
28501090194	28501080155	2 1/2"x1 1/4"	148	45.7	47.5
28501080194	28501080156	2 1/2"x1 1/2"	145.5	47	47.5
28501080195	28501080157	2 1/2"x2"	135	49	47.5
28501090195	28501080158	3"x1 1/4"	173.5	45.7	58.5
28501090196	28501080159	3"x1 1/2"	171.5	47	58.5
28501080196	28501080160	3"x2"	161.5	49	58.5
28501080197	28501080162	4"x1 1/2"	217.5	47	79.5
28501080198	28501080163	4"x2"	207	49	79.5

Fitting Reducer



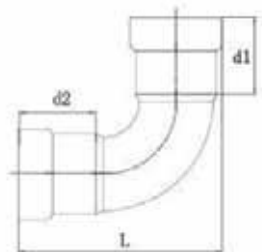
Code EPDM	Code HNBR	Designator	L (mm)	d (mm)
28541020000	28501020045	3/4"x1/2"	76.5	26
28541020001	28501020046	1"x1/2"	86	26
28541030000	28501030075	1"x3/4"	87.5	30
28541040002	28501040064	1 1/4"x1"	104	34.5
28541030001	28501030076	1 1/2"x3/4"	113	30
28541040003	28501040065	1 1/2"x1"	108.5	34.5
28541050002	28501050066	1 1/2"x1 1/4"	120	45.7
28541040004	28501040066	2"x1"	120	34.5
28541050003	28501050067	2"x1 1/4"	131.5	45.7
28541060001	28501060067	2"x1 1/2"	131	47
28501080206	28501050168	2 1/2"x1"	122.5	34.5
28501080172	28501060168	2 1/2"x1 1/4"	132	45.7
28501080216	28501080174	2 1/2"x1 1/2"	131.5	47
28501080207	28501080175	2 1/2"x2"	129	49
28501090207	28501080176	3"x1 1/4"	151	45.7
28501090208	28501080177	3"x1 1/2"	151	47
28501080208	28501080178	3"x2"	158	49
28501080209	28501080179	3"x2 1/2"	145	47.5
28501090209	28501080180	4"x1 1/2"	189	47
28501080210	28501080181	4"x2"	187	49
28501090210	28501080182	4"x2 1/2"	179	47.5
28501080211	28501080183	4"x3"	187	58.5

Street Elbow



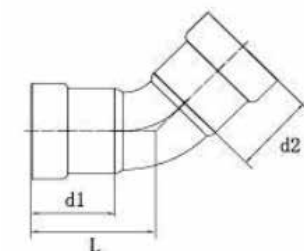
Code EPDM	Code HNBR	Designator	L (mm)	Z (mm)	d (mm)
28541120001	28501120040	1/2"	65.5	73	26
28541130001	28501130041	3/4"	76.5	83	30
28541140002	28501140028	1"	90.5	98	34.5
28541150001	28501150029	1 1/4"	113.5	117	45.7
28541160001	28501160029	1 1/2"	121.5	130	47
28541170002	28501170028	2"	142	154.5	49
28501180060	28501180045	2 1/2"	152	152	47.5
28501180058	28501180046	3"	180	177	58.5
28501180059	28501180047	4"	235	230	79.5

Equal Elbow



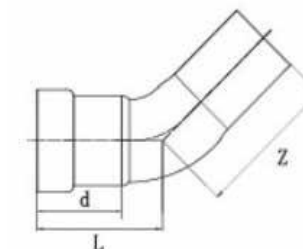
Code EPDM	Code HNBR	Designator	L (mm)	d1/d2 (mm)
28541120003	28501120042	1/2"	65.5	26
28541130003	28501130043	3/4"	76.5	30
28541140004	28501140030	1"	90.5	34.5
28541150003	28501150031	1 1/4"	113.5	45.7
28541160003	28501160031	1 1/2"	121.5	47
28541170004	28501170030	2"	142	49
28501180057	28501180145	2 1/2"	152	47.5
28501180158	28501180146	3"	180	58.5
28501180159	28501180147	4"	235	79.5

Equal Obtuse Elbow



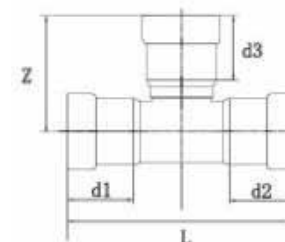
Code EPDM	Code HNBR	Designator	L (mm)	d1/d2 (mm)
28541120002	28501120041	1/2"	48	26
28541130002	28501130042	3/4"	55.5	30
28541140003	28501140029	1"	64	34.5
28541150002	28501150030	1 1/4"	82	45.7
28541160002	28501160030	1 1/2"	86.5	47
28541170003	28501170029	2"	96.5	49
28501180063	28501180051	2 1/2"	99.5	47.5
28501180064	28501180052	3"	119	58.5
28501180065	28501180053	4"	156	79.5

Street Obtuse Elbow



Code EPDM	Code HNBR	Designator	L (mm)	Z (mm)	d (mm)
28511120016	28501120039	1/2"	48	55	26
28511130043	28501130040	3/4"	55.5	61.5	30
28511140038	28501140027	1"	64	78	34.5
28511150036	28501150028	1 1/4"	82	87	45.7
28511160032	28501160028	1 1/2"	86.5	95	47
28511170040	28501170027	2"	96.5	100	49
28501180066	28501180054	2 1/2"	99.5	107.5	47.5
28501180067	28501180055	3"	119	116	58.5
28501180068	28501180056	4"	156	151	79.5

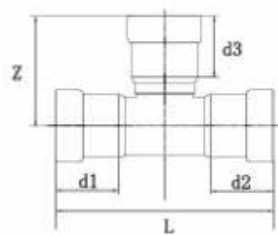
Equal Tee



Code EPDM	Code HNBR	Designator	L (mm)	Z (mm)	d1/d2/d3 (mm)
28511220006	28501220010	1/2"	97	48.5	26
28511230012	28501230035	3/4"	112	56	30
28511240028	28501240033	1"	129	64.5	34.5
28511250047	28501250040	1 1/4"	167	83.5	45.7
28511260065	28501260048	1 1/2"	176	88	47
28511270084	28501270050	2"	196	98	49
28501280152	28501280136	2 1/2"	198	99	47.5
28501280153	28501280137	3"	241	120.5	58.5
28501280154	28501280138	4"	314	157	79.5

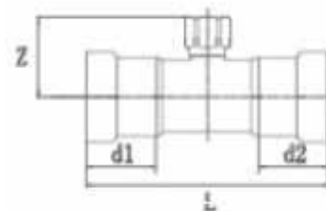
Reduced Branch Tee

Code EPDM	Code HNBR	Designator	L (mm)	Z (mm)	d1/d2(mm)	d3(mm)
28511230013	28501230038	3/4"x1/2"	112	51	30	26
28511240029	28501240037	1"x1/2"	129	55	34.5	26
28511240030	28501240038	1"x3/4"	129	60	34.5	30
28511250048	28501250045	1 1/4"x1/2"	167	59.5	45.7	26
28511250049	28501250046	1 1/4"x3/4"	167	64.5	45.7	30
28511250050	28501250047	1 1/4"x1"	167	69	45.7	34.5
28511260066	28501260054	1 1/2"x1/2"	176	62	47	26
28511260067	28501260055	1 1/2"x3/4"	176	67	47	30
28511260068	28501260056	1 1/2"x1"	176	71.5	47	34.5
28511260069	28501260057	1 1/2"x1 1/4"	176	86	47	45.7
28511270085	28501270057	2"x1/2"	196	69.5	49	26
28511270086	28501270058	2"x3/4"	196	74.5	49	30
28511270087	28501270059	2"x1"	196	79	49	34.5
28511270088	28501270060	2"x1 1/4"	196	94	49	45.7
28511270089	28501270061	2"x1 1/2"	196	96	49	47
28501280145	28501280124	2 1/2"x1"	198	84.5	47.5	34.5
28501290145	28501280125	2 1/2"x1 1/4"	198	99	47.5	45.7
28501280146	28501280126	2 1/2"x1 1/2"	198	101	47.5	47
28501280147	28501280127	2 1/2"x2"	198	103.5	47.5	49
28501290147	28501280128	3"x1 1/4"	241	105.5	58.5	45.7
28501280148	28501280129	3"x1 1/2"	241	107.5	58.5	47
28501290148	28501280130	3"x2"	241	110	58.5	49
28501290150	28501280132	4"x1 1/2"	314	120	79.5	47
28501280150	28501280133	4"x2"	314	122.5	79.5	49
28501280149	28501290133	3x2 1/2"	241	105.5	58.5	47
28501290151	28501280134	4"x2 1/2"	314	118	79.5	47
28501280151	28501280135	4"x3"	314	133	79.5	58.5



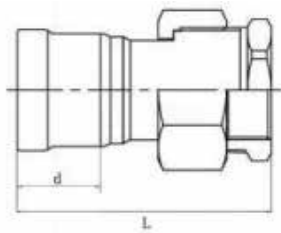
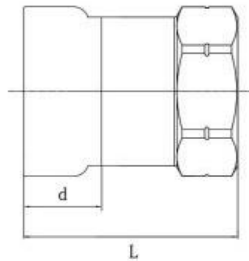
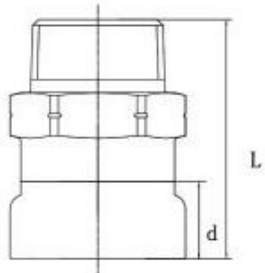
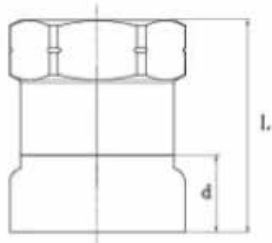
Female Threaded Branch Tee

Code EPDM	Code HNBR	Designator	L (mm)	Z (mm)	d1/d2/d3 (mm)
28511220007	28501230135	1/2"xNPT1/2"	97	45	27.5
28511230014	28501230036	3/4"xNPT1/2"	112	47	30
28511230015	28501230037	3/4"xNPT3/4"	112	47	30
28511240031	28501240034	1"xNPT1/2"	129	51	34
28511240032	28501240035	1"xNPT3/4"	129	51	34
28511240033	28501240036	1"xNPT1"	129	55	35
28511250051	28501250041	1 1/4"xNPT1/2"	167	55.5	38.5
28511250052	28501250042	1 1/4"xNPT3/4"	167	55.5	38.5
28511250053	28501250043	1 1/4"xNPT1"	167	59.5	39.5
28511250054	28501250044	1 1/4"xNPT1 1/4"	167	62	40
28511260070	28501260049	1 1/2"xNPT1/2"	176	58	41
28511260071	28501260050	1 1/2"xNPT3/4"	176	58	41
28511260072	28501260051	1 1/2"xNPT1"	176	62	42
28511260073	28501260052	1 1/2"xNPT1 1/4"	176	64.5	42.5
28511260074	28501260053	1 1/2"xNPT1 1/2"	176	67	42
28511270090	28501270051	2"xNPT1/2"	196	65.5	48.5
28511270091	28501270052	2"xNPT3/4"	196	65.5	48.5
28511270092	28501270053	2"xNPT1"	196	70	49.5
28511270093	28501270054	2"xNPT1 1/4"	196	72	50
28511270094	28501270055	2"xNPT1 1/2"	196	74.5	49.5
28511270095	28501270056	2"xNPT2"	196	78.5	52.5
28501280158	28501280142	2 1/2"xNPT3/4"	160	71	47.5
28501290158	28501290142	2 1/2"xNPT1"	160	75	47.5
28501280159	28501280143	3"xNPT3/4"	190	77.5	58.5
28501290159	28501290143	3"xNPT1"	190	81.5	58.5
28501280160	28501280144	4"xNPT3/4"	240	90	79.5
28501290160	28501290144	4"xNPT1"	240	94	79.5



Female Threaded Adaptor

Code EPDM	Code HNBR	Designator	L (mm)	d (mm)
28511020019	28501020053	1/2"xNPT1/2"	64	26
28511030030	28501030083	3/4"xNPT1/2"	84	30
28511030031	28501030084	3/4"xNPT3/4"	69	30
28511040049	28501040073	1"xNPT1/2"	88.5	34.5
28511040050	28501040074	1"xNPT3/4"	88.5	34.5
28511040051	28501040075	1"xNPT1"	77.5	34.5
28511050053	28501050077	1 1/4"xNPT1/2"	105	45.7
28511050052	28501050076	1 1/4"xNPT3/4"	105	45.7
28511050051	28501050075	1 1/4"xNPT1"	109	45.7
28511050050	28501050074	1 1/4"xNPT1 1/4"	94.5	45.7
28511060055	28501060078	1 1/2"xNPT1/2"	107	47
28511060054	28501060077	1 1/2"xNPT3/4"	107	47
28511060053	28501060076	1 1/2"xNPT1"	111	47
28511060052	28501060075	1 1/2"xNPT1 1/4"	114	47
28511060051	28501060074	1 1/2"xNPT1 1/2"	99	47
28511070068	28501070073	2"xNPT1/2"	110	49
28511070067	28501070072	2"xNPT3/4"	110	49
28511070066	28501070071	2"xNPT1"	114	49
28511070065	28501070070	2"xNPT1 1/4"	116	49
28511070064	28501070069	2"xNPT1 1/2"	118.5	49
28511070063	28501070068	2"xNPT2"	105	49
28501080215	28501080187	2 1/2"xNPT2 1/2"	101.5	47.5
28501080316	28501080188	3"xNPT3"	118	58.5
28501080217	28501080189	4"xNPT4"	148	79.5



Male Threaded Adaptor

Code EPDM	Code HNBR	Designator	L (mm)	d (mm)
28511020027	28501020054	1/2"xNPT1/2"	68	26
28511030039	28501030085	3/4"xNPT3/4"	73	30
28511040059	28501040076	1"xNPT1"	78.5	34.5
28511050061	28501050078	1 1/4"xNPT1 1/4"	98	45.7
28511060061	28501060079	1 1/2"xNPT1 1/2"	104	47
28511070071	28501070074	2"xNPT2"	110	49
28501080212	28501080184	2 1/2"xNPT2 1/2"	115	47.5
28501080213	28501080185	3"xNPT3"	133	58.5
28501080214	28501080186	4"xNPT4"	159	79.5

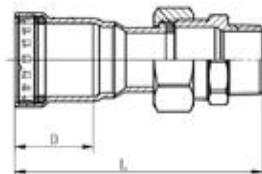
Female Adaptor With Swival Nut

Code EPDM	Code HNBR	Designator	L (mm)	d (mm)
28511020020	28501320060	1 1/2"xNPT1/2"	68	26
28511030032	28501330044	3/4"xNPT3/4"	73	30
28511040052	28501340070	1"xNPT1"	78.5	34.5
28511050054	28501350075	1 1/4"xNPT1 1/4"	98	45.7
28511060056	28501360076	1 1/2"xNPT1 1/2"	104	47
28511070069	28501370071	2"xNPT2"	110	49

Female Union Adaptor

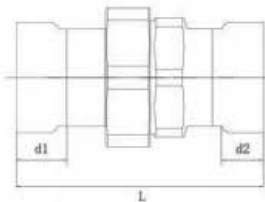
Code EPDM	Code HNBR	Designator	L (mm)	d (mm)
28511320028	28501320061	1/2"xNPT1/2"	82	26
28511330044	28501330045	3/4"xNPT3/4"	92	30
28511340060	28501340071	1"xNPT1"	102	34.5
28511350057	28501350072	1 1/4"xNPT1 1/4"	125	45.7
28511360066	28501360072	1 1/2"xNPT1 1/2"	127	47
28511370085	28501370067	2"xNPT2"	147	49

Male Union Adaptor



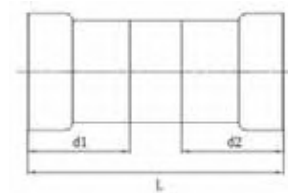
Code EPDM	Code HNBR	Designator	L (mm)	d (mm)
28511320029	28501320062	1/2"xNPT1/2"	98	26
28511330045	28501330046	3/4"xNPT3/4"	109	30
28511340061	28501340072	1"xNPT1"	121	34.5
28511350058	28501350073	1 1/4"xNPT1 1/4"	147	45.7
28511360067	28501360073	1 1/2"xNPT1 1/2"	153	47
28511370086	28501370068	2"xNPT2"	173.5	49

Union



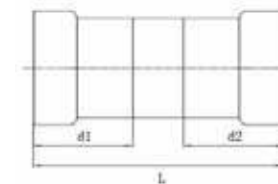
Code EPDM	Code HNBR	Designator	L (mm)	d1/d2 (mm)
28541020012	28501020057	1/2"xNPT1/2"	124	26
28541030013	28501030088	3/4"xNPT3/4"	141	30
28541040016	28501040178	1"xNPT1"	158	34.5
28541050017	28501050081	1 1/4"xNPT1 1/4"	195	45.7
28541060016	28501060082	1 1/2"xNPT1 1/2"	199	47
28541070015	28501070075	2"xNPT2"	223	49

Slipping Coupler



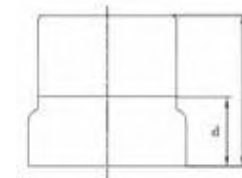
Code EPDM	Code HNBR	Designator	L (mm)
28511020022	28501020050	1/2"	72
28511030034	28501030080	3/4"	82
28511040054	28501040070	1"	91
28511050056	28501050071	1 1/4"	120
28511060058	28501060071	1 1/2"	124
28511070070	28501070066	2"	129
28501080203	28501080169	2 1/2"	125
28501080204	28501080170	3"	152
28501080205	28501080171	4"	200

Extended Slipping Coupler



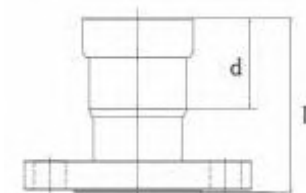
Code EPDM	Code HNBR	Designator	L (mm)
28541020006	28501020051	1/2"	97
28541030006	28501030081	3/4"	101.5
28541040009	28501040071	1"	111
28541050008	28501050072	1 1/4"	135
28541060006	28501060072	1 1/2"	138
28541070007	28501070067	2"	143

End Cup



Code EPDM	Code HNBR	Designator	L (mm)	d(mm)
28511420002	28501420000	1/2"	46	26
28511430002	28501430003	3/4"	51	30
28511440001	28501440001	1"	55.5	34.5
28511450002	28501450000	1 1/4"	72	45.7
28511460001	28501460000	1 1/2"	74	47
28511470001	28501470000	2"	76.5	49
28501480011	28501480008	2 1/2"	91.5	47.5
28501480012	28501480009	3"	107	58.5
28501480013	28501480010	4"	137	79.5

Flange



Code EPDM	Code HNBR	Designator	L (mm)	d(mm)
28511020127	28501020048	1/2"	58	26
28511030139	28501030078	3/4"	67.5	30
28511040159	28501040068	1"	75	34
28511050161	28501050069	1 1/4"	73.5	45.7
28511060161	28501060069	1 1/2"	75.5	47
28511070171	28501070064	2"	80	49
28501080218	28501080190	2 1/2"	79.2	47.5
28501080219	28501080191	3"	96	58.5
28501080220	28501080192	4"	120	79.5

CERTIFICATION

