

PIPE SYSTEMS



Snow-Making Systems

VRS[®]-T fittings

ductile iron solutions
www.trm.at

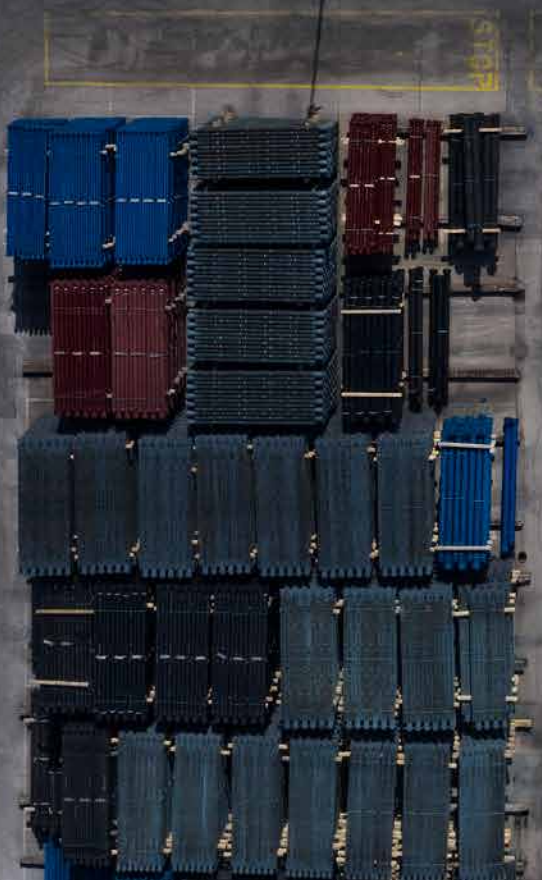
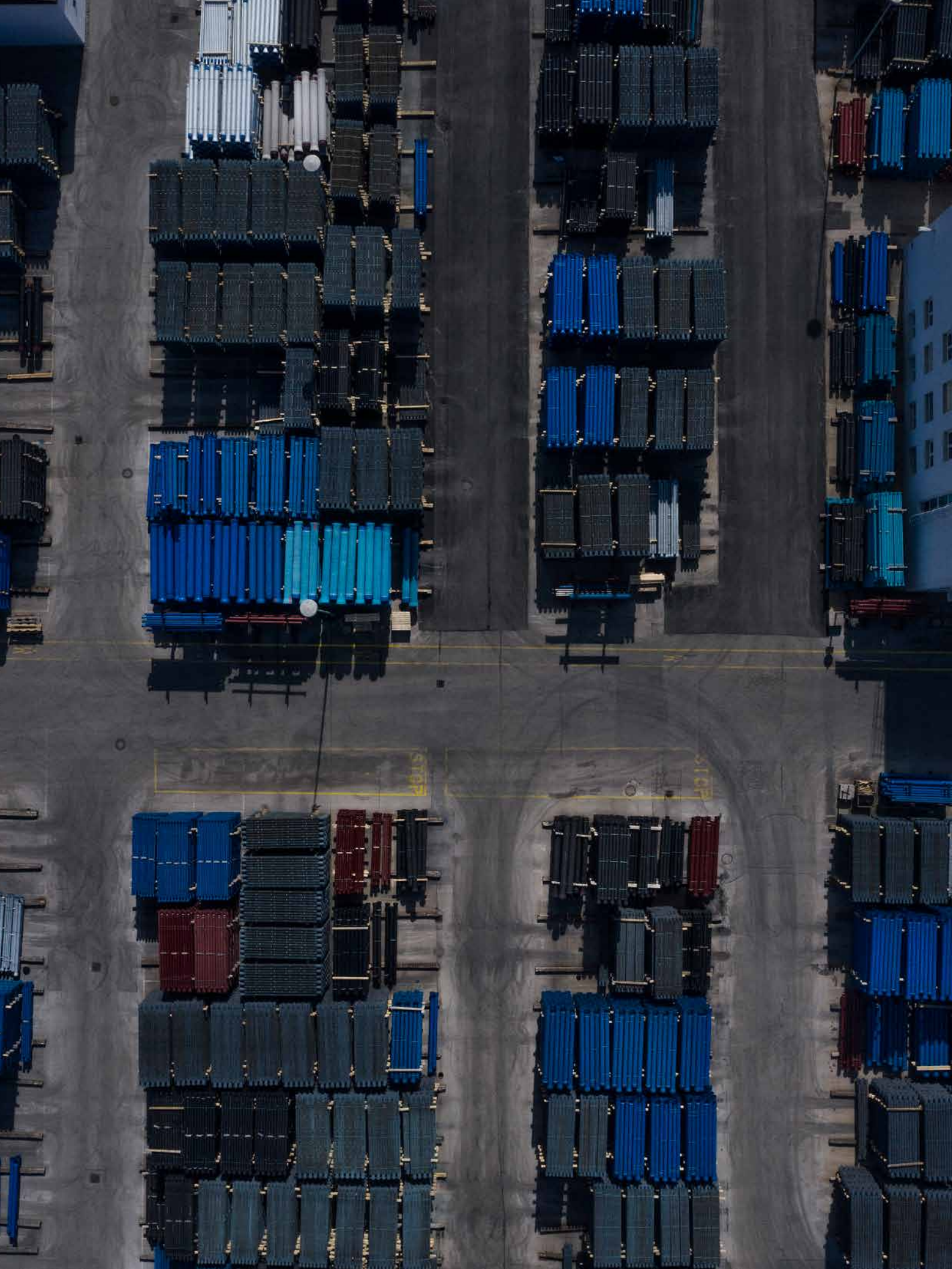


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Extensive range of fittings

VRS®-T Fittings

DN 80 to DN 600

Ductile iron pressure fittings are supplied with nominal diameters of DN 80 to DN 600 with VRS®-T restrained locking systems. The wall thicknesses of the pressure fittings are adapted to the allowable operating pressures (PFAs) of the restrained locking systems.

Markings on ductile iron fittings

Cast labels:

All fittings manufactured by member companies of the "Fachgemeinschaft Gussrohrsysteme" (European Association for Ductile Iron Pipe Systems – FGR/EADIPS) carry the "FGR" mark as confirmation of compliance with all guidelines for obtaining the "FGR Quality Seal".

Ductile iron fittings are marked with the manufacturer's logo, nominal diameter and type of socket (VRS®-T). Bends are also provided with the respective centering angle on the outer surface.

The nominal pressures PN 16, PN 25 and PN 40 are cast or stamped on flanged fittings. Flanged fittings for PN 10 and all socket fittings do not indicate the nominal pressure.

▲ To identify the material as "ductile iron", the fittings have three embossed points in a triangle on the outer surface.

▲ In special cases, further markings can be specified.

Coating














All fittings are coated with epoxy resin powder on the inside and outside according to EN 14 901 and meet the specifications of the "Quality-Assurance Association for Heavy-Duty Corrosion Protection" (GSK) RAL-GZ 622.


▲ Please note: Customers may not cut, otherwise modify or process fittings.

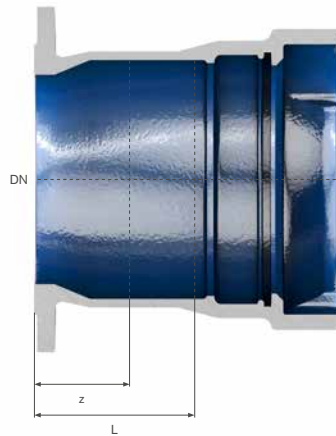


RAL GUTEZEICHEN
SCHWERER KORROSIONSSCHUTZ
VON ARMATUREN UND FORMSTÜCKEN

Fitting designation and symbols

Name	Description	Symbol	page
Flanged socket	EU		4
Single-flanged fitting	F		5
Short fitting with welded bead	GDR		6
Sleeve socket	U (short)		7
Long sleeve socket	U (long)		8
Socket bend 11 1/4°	MK 11		9
Socket bend 22 1/2°	MK 22		10
Socket bend 30°	MK 30		11
Socket bend 45°	MK 45		12
Double-socket bend 11 1/4°	MMK 11		13
Double-socket bend 22 1/2°	MMK 22		14
Double-socket bend 30°	MMK 30		15
Double-socket bend 45°	MMK 45		16

Name	Description	Symbol	page
Double-socket bend 90°	MMQ		17
Socket fitting with socket branch	MB		18
Double-socket fitting with socket branch	MMB		19
Double-socket fitting with flanged branch	MMA		20
Double-socket transition fitting (reduction)	MMR		22
Connector fitting with 2" internal thread	A		23
Socket plug with 2" internal thread	P		24
Tapping saddle with 2" internal thread	ABS		25
Spigot sealing cap with 2" internal thread	O		26
Snow hydrant duck-foot bend 90°	ENH		27
Blind flange with and without 2" internal thread	X		28
Gland sleeve socket	U STB		29



VRS®-T EU Fitting

Flanged socket

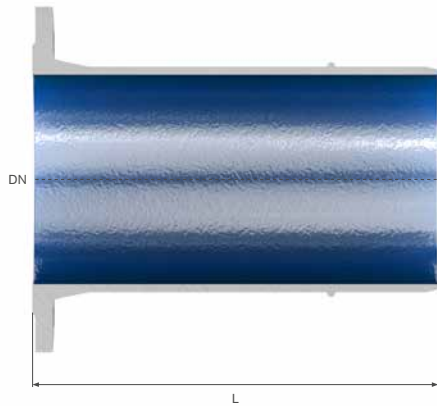
Ductile iron transition fitting flanged joint and socket joint according to ÖNORM EN 545. VRS®-T joint according to ÖNORM B 2597. Flange joint according to ÖNORM EN 1092-2. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Dimensions [mm] ^a		Article no.						Mass [kg]					
	L	z	PN 10	PN 16	PN 25	PN 40	PN 63	PN 100	PN 10	PN 16	PN 25	PN 40	PN 63	PN 100
80	130	90	106080020				106080021	106080022	9.7			12.5	15.2	
100	130	90	106080023		106080024		106080025	106080026	12.0		12.7	16.2	20.0	
125	135	95	106089027		106089028		106089029	106080030	16.0		18.2	23.4	26.4	
150	135	95	106089031		106089032		106089033	106089034	20.9		22.1	32.5	32.5	
200	140	100	106089035	106089036	106089037	106080038	106089039	106089040	28.0	30.6	29.0	37.0	50.0	56.6
250	145	105	106089041	106089042	106089043	106089044	106089045	106080046	39.8	45.0	47.0	50.0	66.2	95.0
300	150	110	106089047	106089048	106089049	106089050	106089051	106089700	52.0	52.0	53.0	68.0	100.0	120.0 ¹
400	160	120	106080812	106080813	106080814	106080815	106080816	–	84.5	89.0	95.0	137.0	188.0	–
500	170	130	106080837	106080838	106080839	106080840	106080810	–	130.0	141.0	165.0	178.0 ¹	241.5	–
600	180	140	106026119	106025457	106028346	106024611	–	–	104.0	104.0	104.0	184.0 ¹	–	–

^a according to EN 545 | B 2597 | EN 1092-2 | factory standards

¹ Note the PFA of the VRS-T joint.



VRS®-T F Fitting

Single-flanged fitting

Ductile iron transition fitting flanged joint and socket joint (spigot) according to ÖNORM EN 545. VRS®-T joint according to ÖNORM B 2597. Flange joint according to ÖNORM EN 1092-2. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Dimensions [mm] L	Article no.						Mass [kg]					
		PN 10	PN 16	PN 25	PN 40	PN 63	PN 100	PN 10	PN 16	PN 25	PN 40	PN 63	PN 100
80	350	106080052					106070003	106080054	7.6			10.4	12.4
100	360	106080055		106080056		106080057	106080058	9.8		10.9		15.5	17.9
125	370	106080059		106080060		106080061	106080062	14.1		16.7		22.5	26.2
150	380	106080063		106080064		106080065	106080066	19.6		23.1		32.5	36.0
200	400	106089067	106089068	106089069	106089070	106089071	106089072	28.5	29.4	24.5	29.3	51.5	57.5
250	420	106089073	106089074	106080075	106080076	106080077	-	37.0	42.5	36.0	55.7	70.5	-
300	440	106089078	106089079	106089080	106089081	-	-	46.5	58.3	47.5	62.0	-	-
400	480	106080817	106080818	106080819	106029783	-	-	74.5	79.5	84.0	118.0	-	-
500	520	106070258	106028407	106070307	106028658	-	-	146.0	146.0	155.0	175.0	-	-
600	560	106026118	106028008	106028347	106024612	-	-	135.0	135.0	135.0	227.0	-	-

^a according to EN 545 | B 2597 | EN 1092-2 | factory standards



VRS®-T GDR Fitting

Short fitting with welded beads

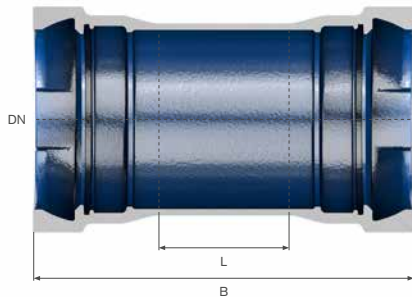
Short ductile iron pipe fitting with two welded beads according to factory standards. VRS®-T joint according to ÖNORM B 2597. EPOXY coating according to ÖNORM B2562 and cement-mortar lining.

DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L			
80	106089083	400		100	6.5
100	106089085	400		100	9.5
125	106089088	400		100	12.1
150	106089090	400		100	15.3
200	106089092	400		100	22.8
80	106089084	800		100	13.9
100	106080086	800		100	18.5
125	106080087	800		100	20.5
150	106080089	800		100	32.5
200	106080091	800		100	43.6
250	106080260	800		100	55.5
300	106080261	800		100	84.0
400	106080255	800		40	79.0
400	106080258	800		63	105.0
500	106080256	800		30	104.0
600 ^b	106000195	1000 ^c		32	1,118.4

^a according to factory standards | B 2597

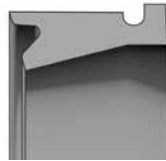
^b Internal lining: cement-mortar lining according to ÖNORM B 2562

^c Special component, length K9 1000 mm



VRS®-T U Fitting (short)

Sleeve socket



Push-on double-socket fitting for connecting a ductile iron pipe according to ÖNORM EN 545 and factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.

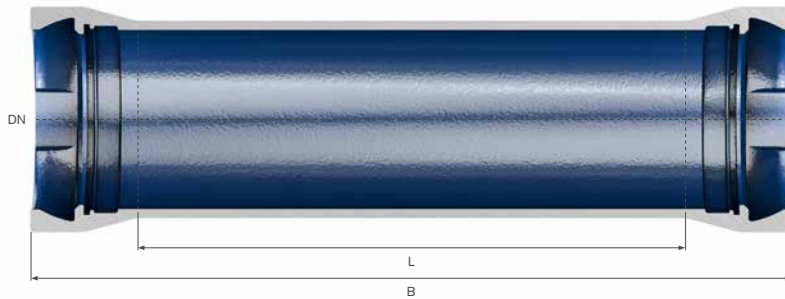
- ⚠ Use TYTON® gasket rings for easier sliding during assembly.
- ⚠ TYTON® gasket rings are supplied and must not be confused with VRS®-T gaskets
- ⚠ The installation instructions for clamping-ring connections must be observed!



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L	B		
80	106080650	161	415	100	12.5
100	106080651	160	430	100	17.0
125	106080652	174	460	100	22.5
150	106080653	180	480	100	30.5
200	106080654	180	500	100	42.5
250	106080655	190	520	100	65.0
300	106089656	200	540	85 ¹	96.0
400	106080836	210	590	30	115.0
500	106080950	320	720	30	208.0

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T U Fitting (long)

Long sleeve socket



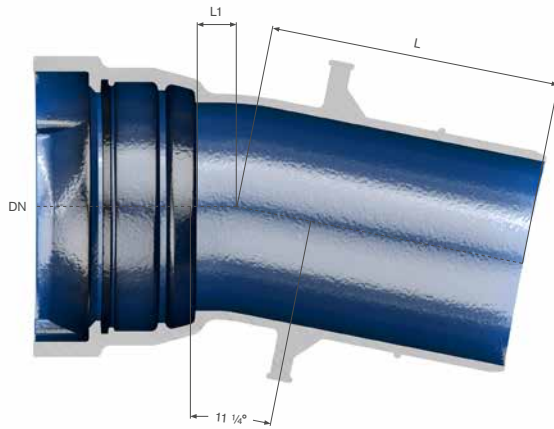
Push-on double-socket fitting for connecting a ductile iron pipe according to factory standards. Designed for use as an expansion compensation fitting. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.

- ⚠ Use TYTON® gasket rings for easier sliding during assembly.
- ⚠ TYTON® gasket rings are supplied and must not be confused with VRS®-T gaskets
- ⚠ The installation instructions for clamping-ring connections must be observed!



DN	Article no.	Dimensions [mm] ^a			PFA [bar]	Mass [kg]
		L	B			
150	106080846	900	600		100	46.0
200	106080847	900	580		100	78.0
250	106080848	900	570		100	110.0

^a according to factory standards | B 2597



VRS®-T MK Fitting 11

Socket bend 11 1/4°

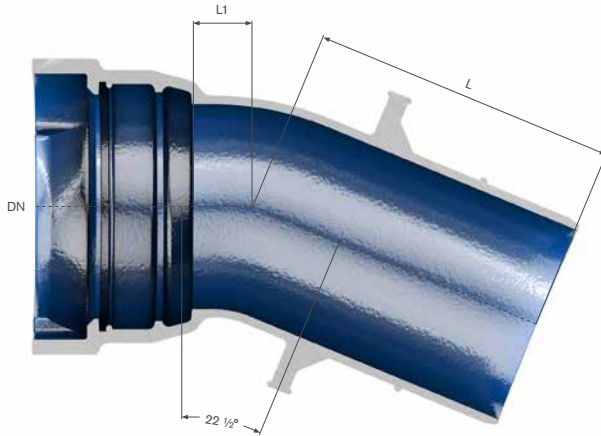
Ductile iron bend fitting with socket and spigot and 11 1/4° bend according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] _a		PFA [bar]	Mass [kg]
		L	L1		
80	106080098	175	30	100	8.2
100	106080102	185	30	100	11.4
125	106080106	200	35	100	15.3
150	106089110	210	35	100	20.0
200	106089114	230	40	100	31.5
250	106089118	250	50	100	51.0
300	106089122	270	55	85 ¹	73.0
400	106080821	375	65	63	129.0
500	106080803	405	75	50	203.0
600	106017327	399	97	55	189.0

_a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MK Fitting 22

Socket bend 22 1/2°

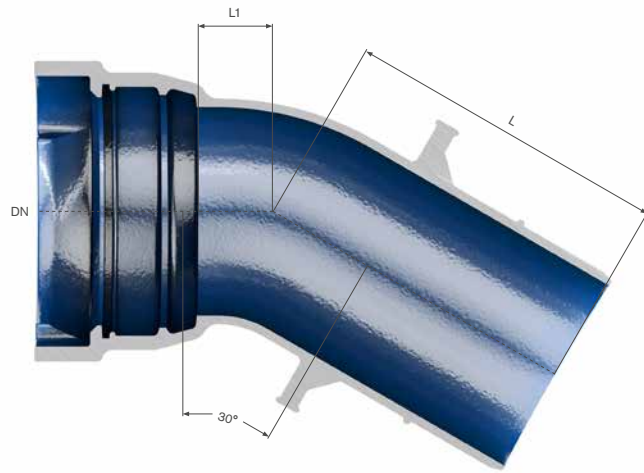
Ductile iron bend fitting with socket and spigot and 22 1/2° bend according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] _a		PFA [bar]	Mass [kg]
		L	L1		
80	106080099	185	40	100	8.5
100	106080103	195	40	100	11.8
125	106080107	215	50	100	16.0
150	106089111	230	55	100	20.5
200	106089115	255	65	100	33.5
250	106089119	275	75	100	55.0
300	106089123	300	85	85 ¹	80.0
400	106080822	420	110	63	138.8
500	106080804	460	130	50	222.0
600	106017328	459	157	55	216.0

_a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MK Fitting 30

Socket bend 30°

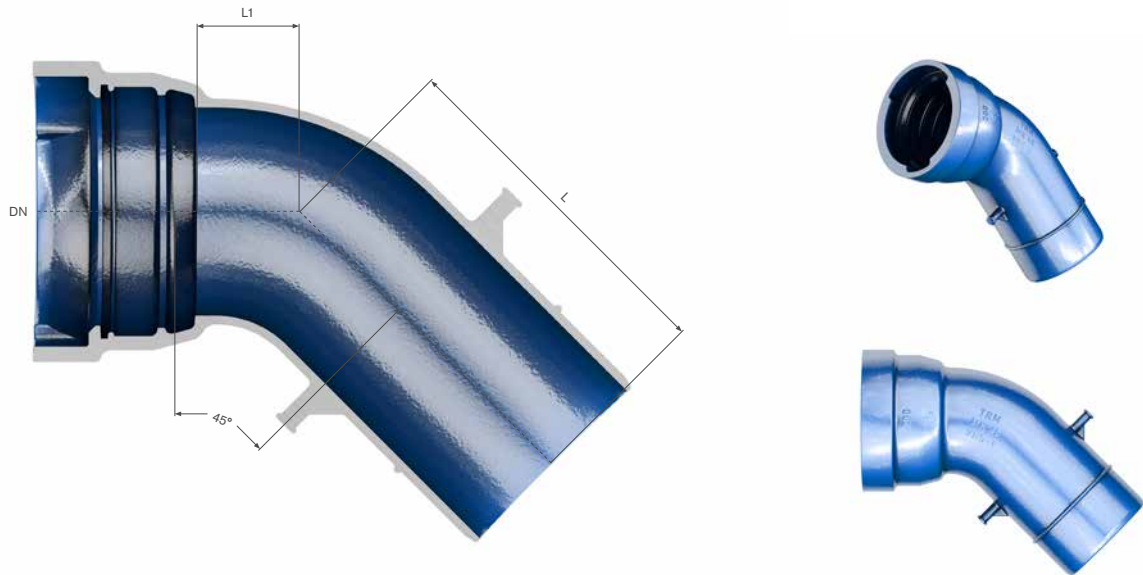
Ductile iron bend fitting with socket and spigot and 30° bend according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] _a		PFA [bar]	Mass [kg]
		L	L1		
80	106080100	190	45	100	8.5
100	106080104	205	50	100	12.1
125	106080108	220	55	100	16.2
150	106089112	240	65	100	21.8
200	106089116	270	80	100	35.5
250	106089120	295	95	100	55.8
300	106089124	320	110	85 ¹	84.0
400	106080823	450	140	63	135.0
500	106080805	495	170	50	224.0
600	106017331	501	199	55	264.0

_a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MK Fitting 45

Socket bend 45°

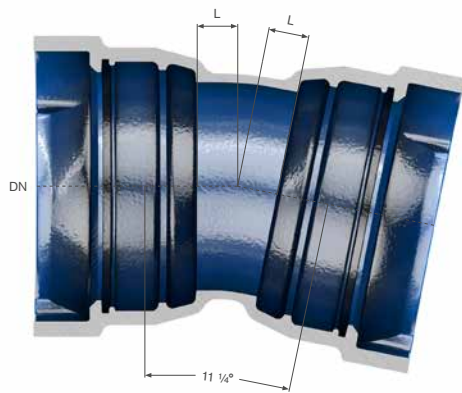
Ductile iron bend fitting with socket and spigot and 45° bend according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L	L1		
80	106080101	200	55	100	9.0
100	106080105	220	65	100	12.6
125	106080109	240	75	100	17.5
150	106089113	260	85	100	23.8
200	106089117	300	110	100	38.0
250	106089121	335	130	100	64.0
300	106089125	365	150	85 ¹	86.0
400	106080850	505	195	63	162.5
500	106080851	567	245	50	258.0

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



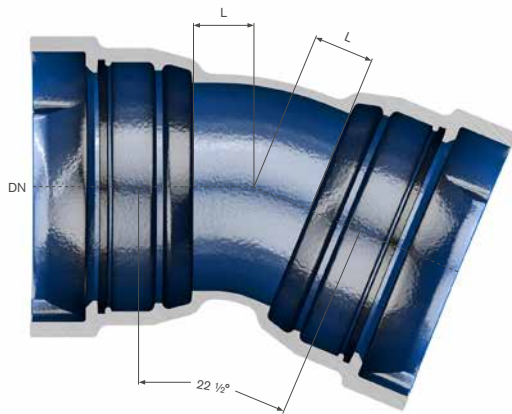
VRS®-T MK Fitting 11

Double-socket bend 11 1/4°

Ductile iron bend fitting with two sockets and 11 1/4° bend according to ÖNORM EN 545 and ÖNORM EN 598. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] _a		PFA [bar]	Mass [kg]
		L			
80	106080186	30		100	10.0
100	106080190	30		100	14.3
125	106080194	35		100	20.2
150	106089198	35		100	22.5
200	106089202	40		100	36.8
250	106089206	50		100	53.0
300	106089210	55		85 ¹	69.4
400	106080831	65		30	116.0
500	106025095	75		30	170.0
600	106026120	85		32	127.0
_a according to EN 545 B 2597 factory standards		¹ PFA 100 possible after consultation with our application engineering department.			



VRS®-T MK Fitting 22

Double-socket bend 22 1/2°

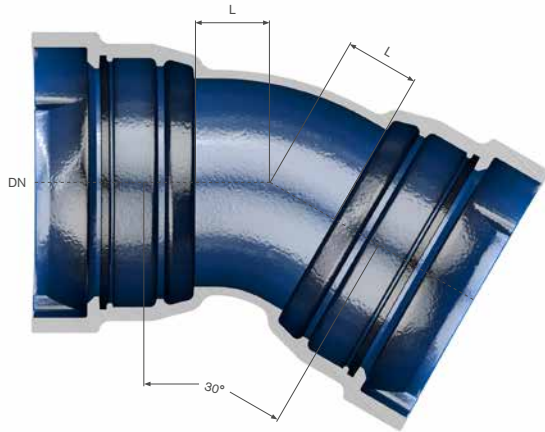
Ductile iron bend fitting with two sockets and 22 1/2° bend according to ÖNORM EN 545 and ÖNORM EN 598. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L			
80	106080187	40		100	11.3
100	106080191	40		100	14.6
125	106080195	50		100	20.8
150	106089199	55		100	23.6
200	106089203	65		100	38.6
250	106089207	75		100	56.7
300	106089211	85		85 ¹	75.6
400	106080832	110		30	125.5
500	106029152	130		30	197.8
600	106026121	150		32	141.0

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



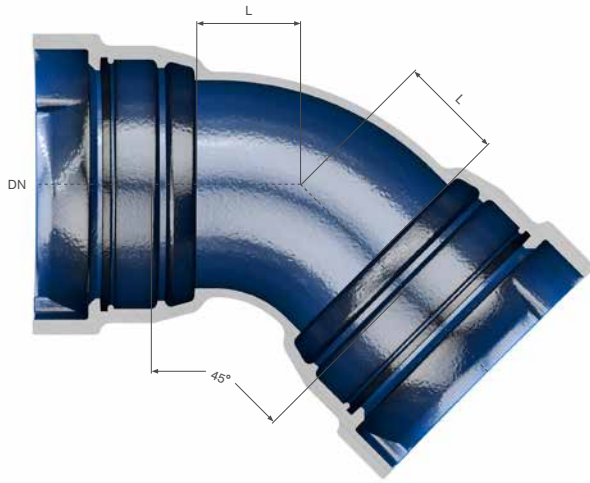
VRS®-T MK Fitting 30

Double-socket bend 30°

Ductile iron bend fitting with two sockets and 30° bend according to ÖNORM EN 545 and ÖNORM EN 598. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] _a		PFA [bar]	Mass [kg]
		L			
80	106080188	45		100	10.3
100	106080192	50		100	14.8
125	106080196	55		100	21.0
150	106089200	65		100	24.3
200	106089204	80		100	41.3
250	106089208	95		100	57.0
300	106089212	110		85 ¹	77.8
400	106080833	140		30	137.0
500	106025362	170		30	205.0
600	106026122	200		32	225.0
_a according to EN 545 B 2597 factory standards		¹ PFA 100 possible after consultation with our application engineering department.			



VRS®-T MK Fitting 45

Double-socket bend 45°

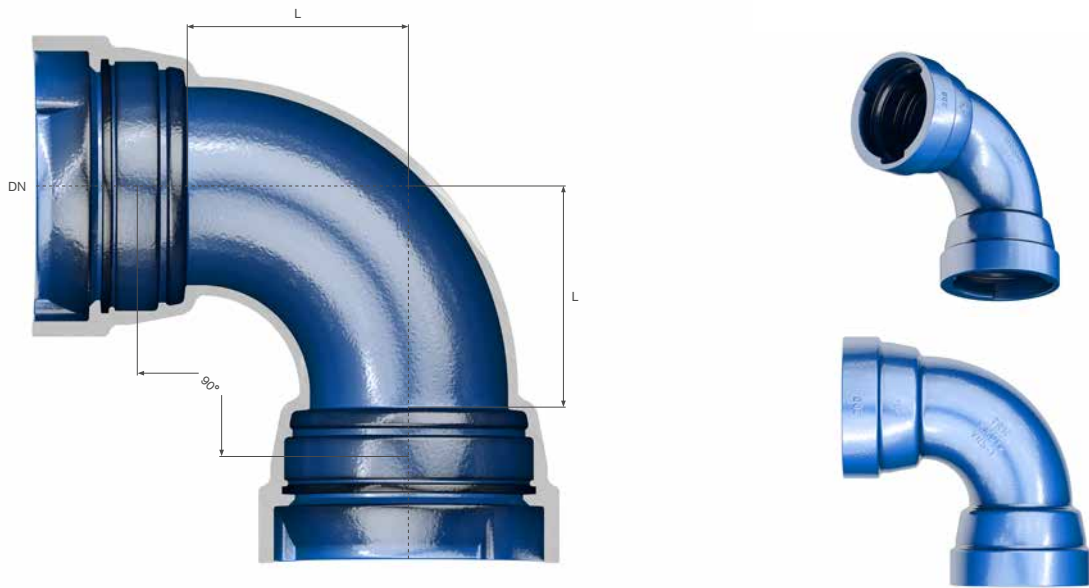
Ductile iron bend fitting with two sockets and 45° bend according to ÖNORM EN 545 and ÖNORM EN 598. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L			
80	106080189	55		100	11.4
100	106089193	65		100	14.5
125	106080197	75		100	22.0
150	106089201	85		100	25.8
200	106089205	110		100	41.3
250	106089209	130		100	64.6
300	106089213	150		85 ¹	84.5
400	106080834	195		30	149.5
500	106029150	240		30	234.0
600	106026141	285		32	268.0

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MMQ Fitting

Double-socket bend 90°

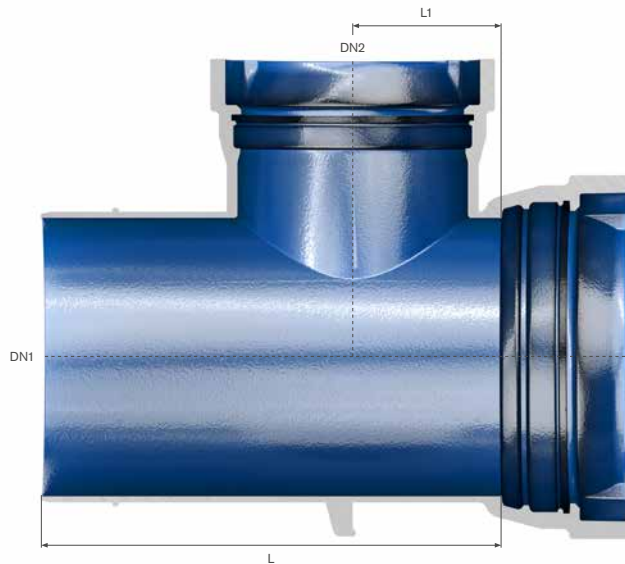
Ductile iron bend fitting with two sockets and 90° bend according to ÖNORM EN 545 and ÖNORM EN 598. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] _a		PFA [bar]	Mass [kg]
		L			
80	106080214	100		100	11.3
100	106080215	120		100	16.7
125	106080216	145		100	24.8
150	106089217	170		100	30.5
200	106089218	220		100	53.4
250	106089219	270		100	78.0
300	106089220	320		85 ¹	89.0
400	106029194	430		30	180.0

_a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MB Fitting

Socket fitting with socket branch

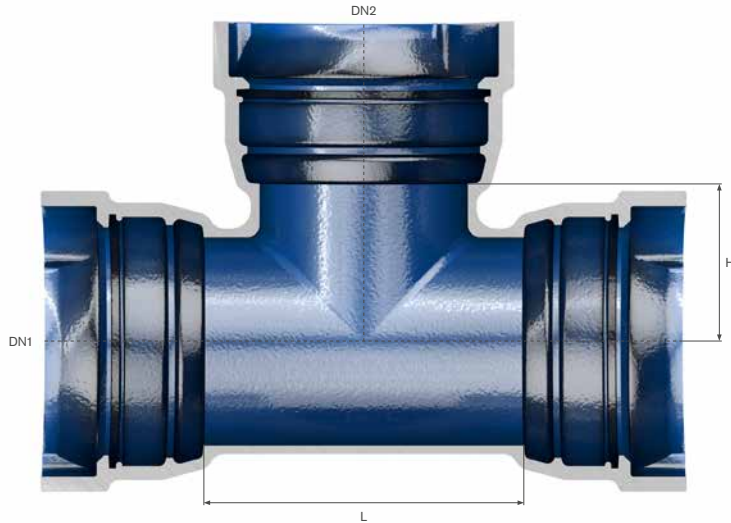
Ductile iron fitting with socket and spigot with socket branch according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN 1	DN 2	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
			L	L1		
80	80	106080677	449	85	100	20
100	80	106080678	485	95	100	24
125	80	106080679	536	112.5	100	31
150	80	106080680	584	128	100	39
200	80	106080681	671	157.5	100	58
250	80	106080682	795	187.5	100	84
300	80	106080683	836	217.5	85 ¹	110
400	80	106080806	680	220	63	184
400	300	106080807	680	220	63	211.5

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MMB Fitting

Double-socket fitting with socket branch

Ductile iron fitting with two sockets and socket branch according to ÖNORM EN 545. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN 1	DN 2	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
			L	H		
80	80	106080159	170	85	100	16.9
100	80	106080160	170	95	100	20.2
100	100	106080161	190	95	100	23.2
125	80	106080162	170	105	100	25.4
125	100	106080163	195	110	100	27.2
125	125	106080164	225	110	100	31.3
150	80	106080165	170	120	100	32.7
150	100	106080166	195	120	100	36.3
150	125	106080167	255	125	100	41.0
150	150	106089168	255	125	100	39.8
200	80	106089169	175	145	100	47.6
200	100	106089170	200	145	100	47.5
200	125	106080171	255	145	100	58.0
200	150	106089172	255	150	100	54.2
200	200	106089173	315	155	100	63.4

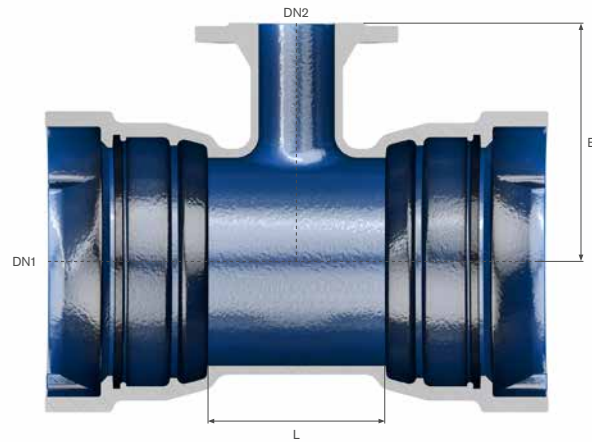
^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.

DN 1	DN 2	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
			L	H		
250	80	106089174	180	170	100	72.0
250	100	106089175	200	170	100	62.4
250	125	106089176	230	175	100	72.0
250	150	106089177	260	175	100	75.0
250	200	106089178	315	180	100	77.0
250	250	106089179	375	190	100	89.0
300	80	106089180	180	195	85 ¹	97.0
300	100	106089181	205	195	85 ¹	82.0
300	150	106089182	260	200	85 ¹	87.2
300	200	106089183	320	205	85 ¹	95.8
300	250	106089184	375	210	85 ¹	109.0
300	300	106089185	435	220	85 ¹	140.0
400	400	106025626	560	280	30	170.0
500	500	106089701	680	350	30	427.0

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T MMA Fitting

Double-socket fitting with flanged branch

Ductile iron fitting with two sockets and flanged branch according to ÖNORM EN 545. VRS®-T joint according to ÖNORM B 2597. Flange joint according to ÖNORM EN 1092-2. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



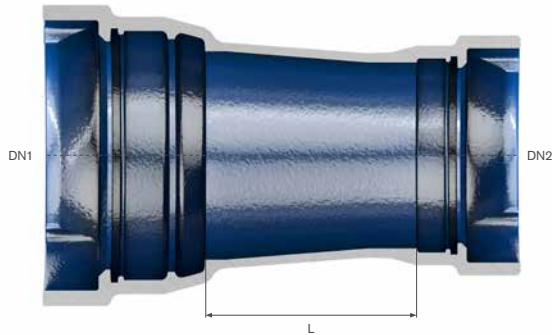
DN 1	DN 2	Dimensions [mm] ^a		Article no.				Mass [kg]			
		L	B	PN 10	PN 16	PN 25	PN 40	PN 10	PN 16	PN 25	PN 40
80	50	170	160			106080126				15.2	
80	80	170	165			106080127				16.0	
100	50	170	170			106080128				19.4	
100	80	170	175			106080129				20.0	
100	100	190	180	106080130		–	–	22.3			–
125	80	170	190			106080131				25.8	
125	100	195	195	106080132		–	–	27.5			–
125	125	225	200	106070194		–	–	28.8			–
150	80	170	205			106089134				30.6	
150	100	195	210	106089135		–	–	33.0			–
150	150	255	220	106089137		–	–	39.6			–
200	80	175	235			106089138				45.4	
200	100	200	240	106089139		–	–	46.8			–
200	150	255	250	106089141		–	–	51.6			–
200	200	315	260	106089143		–	–	57.0			–

^a according to EN 545 | B 2597 | EN 1092-2 | factory standards



DN 1	DN 2	Dimensions [mm] ^a		Article no.				Mass [kg]			
		L	B	PN 10	PN 16	PN 25	PN 40	PN 10	PN 16	PN 25	PN 40
250	80	180	265	106089144				62.0			
250	100	200	270	106089145	-	-	-	57.5	-	-	-
250	150	260	280	106089146	-	-	-	70.0	-	-	-
250	200	315	290	106070130	106089148	-	-	76.0	76.0	-	-
250	250	375	300	106089149	-	-	-	85.0	-	-	-
300	80	180	295	106089151				76.6			
300	100	205	300	106089152	-	106080811	-	81.2	-	82.6	-
300	150	260	310	106089153	-	106070199	-	80.0	-	81.0	-
300	200	320	320	106070200	-	-	-	94.4	-	-	-
300	300	435	340	106089157	106089158	-	-	111.8	111.8	-	-
400	150	270	370	106080824	-	106080825	106080826	147.0	-	152.0	145.5
400	200	325	380	106080827	106080828	106080829	-	164.0	164.0	170.0	-
400	300	440	400	106080830	-	-	-	170.0	-	-	-
400	400	560	420	106021934	106026835	106026836	-	207.0	249.0	249.0	-
500	200	330	440	106028212	104175201	106026065	-	140.0	140.0	130.0	-
500	300	450	460	106028213	106029897	-	-	205.0	205.0	-	-
500	400	565	480	106028007	-	-	-	198.0	-	-	-
500	500	680	500	106025495	106027032	-	106026421	315.0	357.0	-	345.0
600	150	570	490	106028214	-	-	-	230.0	-	-	-
600	200	340	500	106028215	-	106028661	-	240.0	-	240.0	-
600	300	570	520	-	106028713	-	-	-	266.0	-	-
600	400	570	540	106028217	-	-	-	310.0	-	-	-
600	600	800	580	106026145	106028131	-	-	376.5	393.0	-	-

^a according to EN 545 | B 2597 | EN 1092-2 | factory standards



VRS[®]-T MMR Fitting

Double-socket transition fitting
(reduction)

Ductile iron fitting with two sockets and reduction according to ÖNORM EN 545. VRS[®]-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.

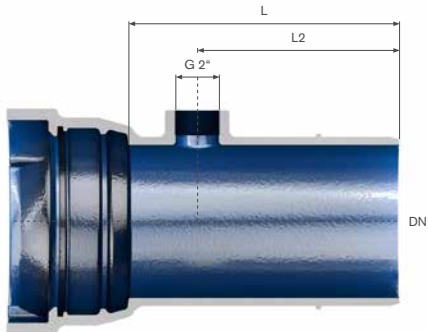


DN 1	DN 2	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
			L			
100	80	106080221	90		100	11.9
125	80	106080222	140		100	16.0
125	100	106080223	100		100	17.2
150	80	106080224	190		100	19.0
150	100	106080225	150		100	21.0
150	125	106080226	100		100	20.8
200	100	106080227	250		100	29.6
200	150	106080228	150		100	30.0
250	150	106080229	250		100	44.2
250	200	106080230	150		100	45.8
300	150	106080231	350		85 ¹	53.0
300	200	106080232	250		85 ¹	59.0
300	250	106080233	150		85 ¹	62.8
400	300	106080835	260		30	110.8
500	400	106080808	260		30	159.5
600 ^b	500	100020689	500		40	186.8

^a according to EN 545 | B 2597 | factory standards

¹ PFA 100 possible after consultation with our application engineering department.

^b non-restrained fitting



VRS®-T A Fitting

Connector fitting with
2" internal thread

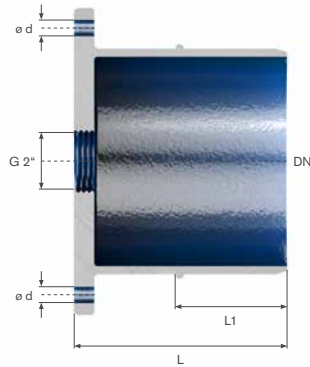
Ductile iron fitting with socket and spigot and 2" threaded connection according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L	L2		
80	106080001	305	215	100	10.5
100	106080002	315	225	100	14.0
125	106080003	325	235	100	18.0
150	106080004	340	250	100	23.6
200	106080005	355	265	100	35.0
250	106080006	370	275	100	53.0
300	106080007	380	285	85 ¹	72.0

^a according to factory standards | B 2597

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T P Plug

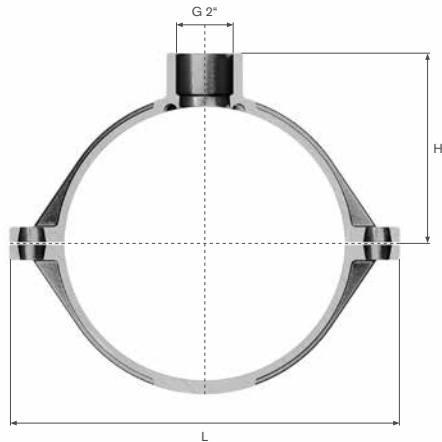
Socket plug with 2" or 2.5" internal thread

Ductile iron socket plug and 2" or 2.5" threaded connection according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a			PFA [bar]	Mass [kg]
		L1	L	ød		
80	106080234	86	170	M 12	100	3.6
100	106080235	91	175	M 12	100	4.6
125	106080236	96	195	M 16	100	6.7
150	106080237	101	200	M 16	100	9.0
200	106080238	106	210	M 16	100	14.3
250	106080239	106	250	M 20	100	27.5
300	106080240	106	300	M 20	100	49.5
Socket plug with 2.5" internal thread						
80	106080241	86	170	-	100	3,6

^a according to factory standards | B 2597



ABS

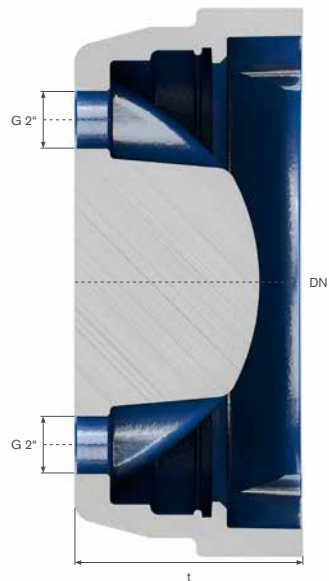
Tapping saddle with 2" internal thread and 2.5" external thread

Ductile iron tapping saddle with 2" internal thread and 2.5" external thread according to ÖNORM EN 545 and factory standards. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a			PFA [bar]	Mass [kg]
		L	H			
80	1401490051	205	97	100	5.2	
100	1401490052	225	107	100	5.4	
125	1401490053	250	120	100	6.6	
150	1401490054	280	133	100	7.2	
200	1401490055	335	159	100	7.4	
250	1401490056	390	186	100	9.1	
300	1401490057	440	212	100	9.7	
400	1401490058	564	274	63	17.0	
500	1401490059	670	336	63	20.0	
Tapping saddle with 2.5" external thread						
80	0701490490	205	97	100	5,2	
100	0701490491	225	107	100	5,4	
125	0701490492	250	120	100	6,6	
150	0701490493	280	133	100	7,2	
200	0701490494	335	159	100	7,4	
250	0701490495	390	186	100	9,1	
300	0701490496	440	212	100	9,7	

^a according to factory standards | B 2597



VRS®-T O Cap

Spigot sealing cap with 2" internal thread

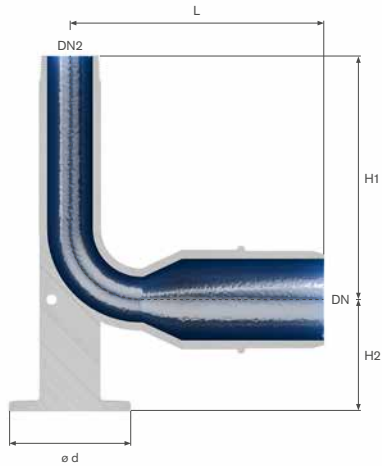
Ductile iron spigot sealing cap and 2" threaded connection according to factory standards. VRS®-T joint according to ÖNORM B 2597. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		t	øD		
80	106080668	157	201	100	17.1
100	106080669	165	221	100	19.7
125	106080670	173	247	100	23.7
150	106080671	180	273	100	28.0
200	106080672	190	326	100	38.4
250	106080673	195	385	100	58.6
300	106080674	205	430	85 ¹	70.5
400	106029160	225	540	30	118.0
500	106029161	240	650	30	171.5

^a according to factory standards | B 2597

¹ PFA 100 possible after consultation with our application engineering department.



VRS®-T ENH Fitting

Snow hydrant duckfoot bend 90°

Ductile iron 90° duckfoot bend for snow hydrants with external thread according to factory standards. VRS®-T joint according to ÖNORM B 2597. Flange joint according to ÖNORM EN 1092-2. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.



DN 1	DN 2 ["]	Article no.	Dimensions [mm] _a				PFA [bar]	Mass [kg]
			H1	H2	L	ød		
80	1.5	106080014	240	110	250	120	100	7.3
80	2	106080015	240	110	250	120	100	7.3
_a according to factory standards B 2597								



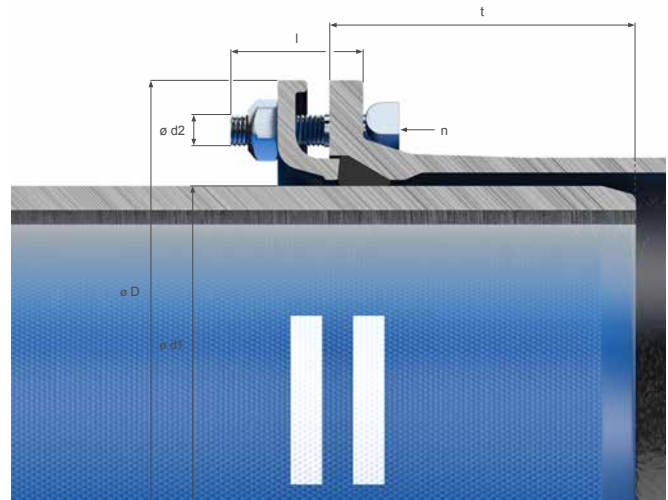
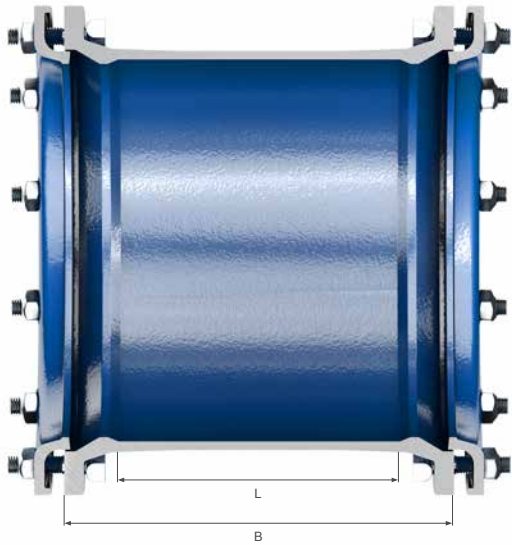
X Fitting

Blind flange with or without
2" internal thread

Ductile iron blind flange with or without 2" thread according to ÖNORM EN 545. Flange joint according to ÖNORM EN 1092-2. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.

DN	b [mm] _{a, b}				Mass [kg]			
	PN 10	PN 16	PN 25	PN 40	PN 10	PN 16	PN 25	PN 40
40			22.0				2.1	
50			22.0				2.5	
80			16.0				4.0	
100		16.0	16.0	16.0		4.6	5.1	5.1
125		16.0	16.0	20.0		6.0	6.6	8.2
150		16.0	17.0	23.0		7.6	8.6	11.4
200	17.0	17.0	19.0	27.0	11.4	11.4	13.6	20.0
250	19.0	19.0	21.5	31.5	17.2	16.8	21.0	33.0
300	20.5	20.5	23.5	35.5	25.0	24.5	31.0	51.0
350	20.5	22.5	26.0	-	30.5	34.5	43.5	-
400	20.5	24.0	28.0	-	38.0	46.0	59.5	-
500	22.5	27.5	32.5	-	56.0	79.0	96.0	-
600	25.0	31.0	37.0	-	86.0	123.0	147.0	-
700	27.5	34.5	-	-	127.0	174.0	-	-
800	30.0	38.0	-	-	176.0	244.0	-	-
900	32.5	41.5	55.5	-	230.0	323.0	-	-
1,000	35.0	45.0	-	-	334.0	480.0	-	-

_a according to EN 545 | EN 1092-2 | factory standards _b on request; Please note: Not in stock, please order promptly!



STB U

Gland sleeve socket

Push-on gland fitting for connecting a ductile iron pipe according to ÖNORM EN 545. STB joint according to DIN 28 602. Epoxy resin coating according to ÖNORM EN 14 901 and RAL-GZ 662.

Bolted-gland socket (STB) dimensions

DN 600

Details on bolted-gland socket joints according to DIN 28 602.



DN	Article no.	Dimensions [mm] ^a		PFA [bar]	Mass [kg]
		L	B		
600	106024992	210	496	16	1674

^a according to DIN 28 602

DN	Dimensions [mm] ^a						max. bending [°]
	Spigot diameter d1	Socket diameter D	Insertion depth t	T-head bolts			
				n	d2	l	
600	635	790	143	16	M 20	100	2

^a Tolerances are possible

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