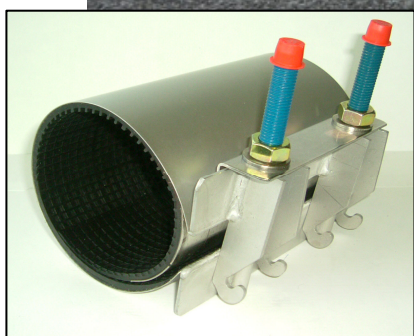
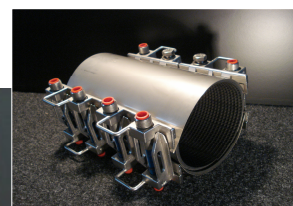


SMARTGRIP

Pricelist 2009



Valid: until 31-12-2009
Doc.nr. 0542009
Issue: Pricelist 2009



PRICELIST 2009 - TRACON SINGLE BAND REPAIR CLAMPS - TYPE TS10

WP		DN	HD	WORKING RANGE	LENGTH in MM							
GAS	WTR				100	150	200	250	300	400	500	600
5	20			20 - 23 mm	23,66	29,58	35,64	47,39				
5	20			25 - 28 mm	23,66	29,58	35,64	47,39				
5	20			32 - 36 mm	23,66	29,58	35,64	47,39				
5	20			38 - 42 mm	23,66	29,58	35,64	47,39				
5	20			40 - 44 mm	23,66	29,58	35,64	47,39				
-	-		50	46 - 50 mm	x	x	x	x	50,03	66,55	77,59	89,45
5	20	40		48 - 52 mm	24,74	30,93	37,26	49,51				
5	20			54 - 58 mm	25,77	32,22	38,88	51,71	58,32			
-	-	50	63	57 - 64 mm	26,29	32,72	40,10	52,44	58,75	76,39	91,10	108,44
5	20			60 - 67 mm	26,89	33,61	40,50	53,87	59,53			
5	20			63 - 70 mm	27,41	34,30	41,28	54,87	60,63	79,44		
5	20			67 - 74 mm	27,97	34,96	42,11	56,02	61,91	81,71		
-	-	65	75	70 - 77 mm	28,68	35,86	43,20	57,46	63,50	82,95	94,06	111,66
5	20			73 - 80 mm	29,40	36,75	44,28	58,89	65,08	85,01		
5	20			76 - 83 mm	30,12	37,65	45,35	60,32	66,67	87,08		
5	20			82 - 89 mm	30,84	38,54	46,44	61,76	68,26	89,17		
-	-		90	83 - 90 mm	30,84	38,54	46,44	61,76	68,26	89,17	104,87	121,43
5	20	80		87 - 95 mm	31,55	39,44	47,52	63,20	69,86	91,24		
5	20			91 - 98 mm	32,26	40,33	48,60	64,64	71,44	93,30		
5	20			95 - 102 mm	32,99	41,23	49,68	66,00	73,03	95,38		
-	-		110	102 - 112 mm	33,70	42,12	50,76	67,51	74,62	97,46	114,86	133,23
4	16			106 - 116 mm	34,44	43,02	51,84	68,94	76,20	99,53		
4	16	100		108 - 118 mm	35,10	43,93	52,91	70,38	77,79	101,60		
4	16			113 - 123 mm	35,70	44,82	54,00	71,82	79,38	103,67		
4	16			116 - 126 mm	36,26	45,27	54,54	72,54	80,17	104,72		
-	-		125	118 - 128 mm	36,81	45,72	55,08	73,26	80,96	105,75	124,87	145,06
4	16			120 - 131 mm	37,50	46,61	56,15	74,70	82,56	107,92		
4	16			125 - 135 mm	38,13	47,51	57,24	76,12	84,14	109,89	129,89	
-	-		140	130 - 140 mm	38,65	48,26	58,30	77,20	85,58	111,56	131,82	153,19
4	16	125		132 - 144 mm	39,31	49,30	59,40	79,00	87,32	114,04	133,27	
4	16			135 - 145 mm	40,00	50,23	61,56	81,87	90,49	118,19	137,70	
4	16			140 - 150 mm	40,46	51,04	62,37	82,95	91,68	119,74	139,48	
4	16			145 - 155 mm	40,92	51,85	63,18	84,02	92,87	121,30	141,25	
-	-		160	151 - 161 mm	41,66	52,45	64,26	85,46	94,46	123,37	143,95	167,48
4	16			155 - 165 mm	41,91	52,86	64,49	85,92	95,17	124,22	144,97	
4	16	150		159 - 170 mm	42,02	53,02	64,72	86,22	95,53	124,71	145,56	
4	16			165 - 175 mm	43,24	54,67	66,42	88,34	97,63	127,52	147,32	
4	16			167 - 177 mm			66,96	89,05	98,43	128,55	148,72	
-	-		180	170 - 180 mm			67,50	89,77	99,22	129,59	150,12	175,00
4	16			176 - 186 mm			69,65	92,65	102,39	133,74	155,09	
4	16	175		180 - 190 mm			70,74	94,07	103,98	135,81	157,51	
4	16			186 - 196 mm			71,82	95,52	105,58	137,89	160,08	
-	-		200	190 - 200 mm			72,35	96,24	106,36	138,92	161,31	189,80
4	16			193 - 203 mm			72,89	96,95	107,15	139,96	162,54	
-	-	200	225	215 - 225 mm			77,75	103,41	114,30	149,29	173,61	202,99
4	16			219 - 229 mm			79,61	105,58	116,68	152,40	177,34	
3	10			237 - 247 mm			85,80	115,84	127,20	163,66	190,69	223,05
3	10			239 - 249 mm			86,65	116,60	128,33	164,87	192,60	225,30
3	10			243 - 253 mm			87,65	118,15	130,12	167,27	195,62	229,01
3	10			250 - 260 mm			89,61	120,91	132,95	172,60	201,63	236,43
3	10			252 - 262 mm			90,55	122,04	134,22	174,15	203,78	238,95
3	10			261 - 271 mm			94,70	127,00	140,06	181,30	212,67	249,44
3	10			266 - 276 mm			96,71	129,56	143,09	184,70	216,71	254,21
3	10	250		271 - 281 mm			97,20	132,15	145,95	198,31	251,51	303,04
3	10			280 - 291 mm			98,66	133,32	148,51	204,90	259,59	308,92
3	10			290 - 300 mm			99,53	134,50	149,92	206,86	262,16	312,04
3	10			300 - 310 mm			100,41	135,67	151,33	208,81	264,73	315,16
3	10			305 - 315 mm			101,74	137,45	153,46	211,77	268,77	319,89
3	10	300		315 - 326 mm			102,62	138,62	154,87	213,72	271,19	323,01
3	10			320 - 330 mm			103,05	139,21	155,58	214,70	272,47	324,57
3	10			325 - 335 mm			103,49	139,80	156,28	215,35	273,76	326,13
3	10			334 - 344 mm			104,28	140,86	157,55	218,67	276,07	328,94
3	10			340 - 350 mm			105,61	142,63	159,68	220,40	279,95	333,66
3	10			350 - 360 mm			106,49	143,81	161,09	222,35	282,52	336,78

prices valid until further notice

Material: stainless steel grade AISI 304

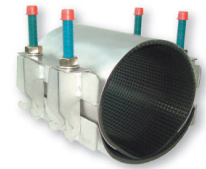
Standard rubber: NBR or EPDM

Red: with this length, the working pressure is not guaranteed

Bolt printed in grey: repairclamps for HPDE, please contact us for additional information

Other sizes available upon request

All working pressures are based on our "specification on working pressure"-documents, please contact us for a copy.



PRICELIST 2009 - TRACON DOUBLE BAND REPAIR CLAMPS - TYPE TS20

WP		DN	HD	WORKING RANGE	LENGTH in MM						
GAS	WTR				200	250	300	400	500	600	800
4	16	80		88 - 110 mm	77,14	102,60	113,40	157,10			
4	16			100 - 120 mm	79,72	106,02	117,17	158,10			
4	16	100		108 - 128 mm	81,26	106,70	119,44	159,60			
4	16			114 - 134 mm	82,80	110,12	121,72	160,35			
4	16			120 - 140 mm	84,34	112,17	123,98	161,25			
4	16			130 - 150 mm	85,88	114,22	126,25	164,89			
4	16	125		133 - 153 mm	85,94	114,24	126,58	165,10			
4	16			135 - 155 mm	86,91	115,60	127,76	166,87			
4	16			140 - 160 mm	88,45	117,65	130,02	169,83	212,29		
4	16	150		158 - 180 mm	89,99	119,70	132,29	172,79	215,99		
4	16			165 - 185 mm	91,54	121,75	134,57	175,75	219,59		
4	16			168 - 189 mm	92,57	123,11	136,07	177,73	222,16		
4	16			170 - 190 mm	93,60	124,48	137,58	179,71	224,63		
4	16			176 - 196 mm	95,14	126,53	139,86	182,66	228,33		
4	16		200	180 - 200 mm	x	x	x	184,60	230,56	276,52	368,44
4	16	175		190 - 210 mm	97,71	129,95	143,63	187,60	234,50		
4	16			195 - 217 mm	100,28	133,38	147,42	192,55	240,68		
4	16		225	205 - 225 mm	x	x	x	194,52	242,99	291,46	388,40
4	16	200		210 - 230 mm	102,34	136,11	150,43	196,49	245,30		
4	16			216 - 238 mm	105,42	140,21	154,98	202,42	253,02		
4	16			225 - 246 mm	107,99	143,63	158,75	207,35	259,19		
4	16		250	230 - 250 mm	111,79	x	x	212,29	265,36	318,43	424,57
4	16			240 - 260 mm	113,29	150,48	166,31	217,23	271,54		
4	16		280	260 - 280 mm	x	x	x	234,61	293,75	352,99	483,27
4	16			269 - 289 mm	132,29	174,86	193,88	251,99	315,96		
4	16	250		273 - 293 mm	133,50	177,93	196,97	256,06	323,02		
4	16			282 - 302 mm	134,18	181,15	200,56	260,74	328,93		
3	10		315	295 - 315 mm	135,81	184,64	205,19	266,75	336,52	392,48	582,48
3	10	300		314 - 335 mm		187,66	221,92	268,76	339,04		
3	10			322 - 344 mm		188,59	226,52	274,09	345,79	407,89	
3	10		355	337 - 358 mm		190,35	228,14	281,45	355,07	412,52	609,58
3	10	350		348 - 368 mm			233,57	287,47	362,67	421,93	
3	10			365 - 385 mm			248,42	300,84	379,52	436,39	
3	10			382 - 402 mm			250,38	307,53	387,96	441,82	
3	10			395 - 415 mm			253,67	313,74	395,79	452,21	
3	10			400 - 420 mm			255,64	315,69	402,67	460,07	
3	10	400		404 - 424 mm			256,31	317,52	404,78	461,39	
3	10			410 - 430 mm			257,32	319,36	410,06	463,36	
3	10			420 - 440 mm			258,99	323,99	424,41	466,65	
3	10			435 - 455 mm				346,06	431,26	463,95	
3	10			450 - 470 mm				349,41	435,61	468,55	
3	10	450		457 - 477 mm				350,97	437,22	470,76	
3	10			468 - 488 mm				362,41	447,75	563,20	
3	10	500		500 - 520 mm				394,92	451,29	601,70	
3	10			510 - 530 mm				402,67	457,26	613,74	801,75
-	6			520 - 540 mm				405,84	471,71	618,76	807,70
-	6	550		545 - 565 mm				416,61	484,60	635,86	827,97
-	6			570 - 590 mm				427,37	497,48	652,95	848,23
-	6			590 - 610 mm				433,69	505,05	663,00	860,13
-	6	600		600 - 620 mm				436,85	508,83	668,02	866,08
-	6			625 - 645 mm				451,82	528,54	681,06	882,87
-	4	700		705 - 725 mm						727,80	916,34
-	4			730 - 750 mm						740,07	930,48
-	4	750		755 - 775 mm						762,49	956,29
-	3	800		805 - 825 mm						787,04	984,56
-	2			835 - 855 mm						815,43	1019,86

prices valid until further notice

Material: stainless steel grade AISI 304

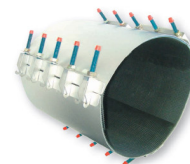
Standard rubber: NBR or EPDM

Red: with this length, the working pressure is not guaranteed

Bolt printed in grey: repairclamps for HPDE, please contact us for additional information

Other sizes available upon request

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PRICELIST 2009 - TRACON TRIPLE BAND REPAIR CLAMPS - TYPE TS30

WP		DN	WORKING RANGE	LENGTH in MM				
GAS	WTR			300	400	500	600	700
3	10	250	270 - 300 mm	223,81	250,14	335,71	401,54	468,46
3	10	300	310 - 340 mm	241,29	269,68	361,94	432,90	505,06
3	10		335 - 365 mm	252,95	282,71	379,42	453,83	529,46
3	10	350	340 - 370 mm	255,28	285,32	382,92	458,01	534,33
3	10		360 - 390 mm	273,83	308,92	414,04	500,05	583,39
3	10		385 - 415 mm	282,18	352,33	452,92	552,60	644,71
3	10		395 - 425 mm	287,62	350,27	468,47	573,64	669,24
3	10	400	400 - 430 mm	288,31	351,63	471,26	575,93	671,92
3	10		410 - 440 mm	289,68	384,12	476,81	580,52	677,26
3	10		420 - 450 mm	291,63	386,73	482,37	585,11	682,62
3	10		435 - 465 mm	294,36	390,37	490,70	591,98	690,65
3	10	450	440 - 470 mm	297,80	394,96	493,49	594,29	693,33
3	10		460 - 490 mm	300,54	398,61	501,89	603,16	703,69
2	6		475 - 505 mm	304,13	403,39	508,20	609,81	711,44
2	6	500	485 - 515 mm	306,10	406,02	510,72	612,83	714,96
2	6		510 - 540 mm	346,05	459,28	517,03	639,51	723,74
2	6		530 - 560 mm	357,79	474,93	522,08	645,53	730,77
2	6		535 - 565 mm	358,82	476,30	570,92	660,63	733,10
2	6		560 - 590 mm	363,95	483,16	579,48	675,28	744,72
2	6		570 - 600 mm	366,68	486,79	584,03	678,72	749,36
2	6	600	585 - 615 mm	368,25	488,88	586,64	688,00	761,30
2	6		610 - 640 mm	373,38	495,73	595,20	695,89	781,16
2	6		620 - 650 mm	376,05	499,28	599,64	704,88	876,26
2	6		630 - 660 mm	381,71	506,84	609,08	707,65	889,49
-	4		654 - 684 mm		513,41	617,31	724,88	900,99
-	4	700	702 - 732 mm		531,99	640,53	752,74	933,51
-	4		711 - 741 mm		538,13	648,20	760,96	944,25
-	4	750	747 - 777 mm			654,93	770,03	953,67
-	4		780 - 810 mm			666,37	790,66	990,00
-	2		813 - 843 mm			683,56	814,39	993,76
-	2		852 - 882 mm			700,96	845,26	1018,11
-	2		864 - 894 mm			707,03	852,54	1026,61
-	2		900 - 930 mm			719,36	867,34	1043,87
-	2		925 - 955 mm			739,80	871,87	1072,49
-	2		945 - 975 mm			751,75	886,21	1089,22
-	2		970 - 1000 mm				902,61	1108,35

prices valid until further notice

Material: stainless steel grade AISI 304

Standard rubber: NBR or EPDM

Red: with this length, the working pressure is not guaranteed

Other sizes available upon request

All working pressures are based on our "specification on working pressure"-documents, please contact us for a copy.



PRICELIST 2009 - TRACON SINGLE BAND REPAIR CLAMPS - TYPE TF10

WP		ND	WORKING RANGE	LENGTH in MM		
GAS	WTR			minimal Quantity	75	150
4	16	15	21 - 25 mm	25	13,68	23,80
4	16	20	26 - 30 mm	25	13,94	24,20
4	16	25	33 - 37 mm	25	14,19	24,60
4	16	32	42 - 45 mm	25	14,45	25,01
4	16	40	48 - 51 mm	25	14,70	25,41
4	16	50	50 - 54 mm	25	14,96	25,81
4	16		60 - 64 mm	25	15,21	26,21
4	16		69 - 73 mm	25	15,47	26,62
4	16		71 - 76 mm	25	15,73	27,02
4	16	80	87 - 93 mm	25	15,97	27,42
4	16	100	94 - 100 mm	25	16,23	27,83
4	16		99 - 104 mm	25	16,38	28,23
4	16		105 - 111 mm	25	16,48	28,67
4	16		112 - 117 mm	25	16,96	29,68

prices valid untill further notice

Material: stainless steel grade AISI 304

Standard rubber: NBR or EPDM

Other sizes available upon request

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PRICELIST 2009 - TRACON SINGLE BAND REPAIR CLAMPS - TYPE TC10

WP		DN	WORKING RANGE	LENGTH in MM			
GAS	WTR			150	200	250	300
3	16	15	20 - 23 mm	23,80	28,67	38,14	
3	16	20	25 28 mm	23,80	28,67	38,14	
3	16	32	40 44 mm	26,62	32,07	42,66	
3	16	65	54 58 mm	29,00	35,00	46,53	52,48
3	16		67 74 mm	31,46	37,91	50,41	55,72
3	16	80	73 80 mm	33,08	39,85	53,00	58,58
3	16		82 89 mm	34,69	41,80	55,59	61,44
3	16		91 98 mm	36,30	43,73	58,17	64,29
3	16		102 112 mm	37,92	45,68	60,76	67,15
3	16	100	108 118 mm	39,53	47,62	63,34	70,01
3	16		118 128 mm	41,14	49,57	65,92	72,87
3	16		125 135 mm	42,76	51,52	68,52	75,73
3	16	150	165 175 mm		59,78	79,50	87,88
3	16	200	200 210 mm		66,58	88,56	97,87
3	16		215 225 mm		69,98	93,08	102,87
3	16		243 253 mm			106,34	117,11
3	16		252 262 mm				120,79
3	16	250	266 276 mm				128,79

prices valid untill further notice

Material: stainless steel grade AISI 304

Standard rubber: NBR or EPDM

Other sizes available upon request

All working pressures are based our pressure documents, please contact us for a copy.

Prices quoted are in EURO, Ex works Zaltbommel, The Netherlands. To all our quotations, to all orders given to us, to all contracts concluded with us outside the Netherlands, the **Metaalunievoorwaarden** (Metaalunie exportconditions) for the supply of mechanical, electrical and associated electronic products are applicable. Veghel, 2008



PRICELIST 2009 - TRACON **CLAMP BODY** FOR TAPPING SLEEVE

WP		DN	O.D. HDPE	WORKING RANGE	LENGTH in MM					
GAS	WTR				300	400	500	600	800	1000
4	16	80	110	88 - 110 mm	126,94	158,96 ⁸⁰⁺	181,61 ⁸⁰⁺	205,76 ⁸⁰⁺	366,62	
4	16			100 - 120 mm	128,57	161,13	184,33	209,02		
4	16	100	125	108 - 128 mm	129,29	162,10 ¹⁰⁰⁺	185,54	210,48	372,91	
4	16			114 - 134 mm	129,84	162,83 ¹⁰⁰⁺	186,44 ¹⁰⁰⁺	211,57 ¹⁰⁰⁺		
4	16		140	120 - 140 mm	131,22	164,67 ¹⁰⁰⁺	188,75 ¹⁰⁰⁺	214,33 ¹⁰⁰⁺	361,68	
4	16	125		130 - 150 mm	132,13	165,88	190,26	216,15		
4	16			133 - 155 mm	133,81	168,13	193,07	219,51		
4	16			135 - 155 mm	133,99	168,37	193,37	219,88		
4	16		160	140 - 160 mm	134,45	168,97	194,13	220,78	370,28	479,78
4	16	150	180	158 - 180 mm	137,28	172,74 ¹⁵⁰⁺	198,84 ¹⁵⁰⁺	226,44 ¹⁵⁰⁺	394,19	510,76
4	16			165 - 185 mm	141,20	177,97 ¹⁵⁰⁺	205,37 ¹⁵⁰⁺	234,28 ¹⁵⁰⁺		
4	16			168 - 189 mm	141,47	178,34 ¹⁵⁰⁺	205,83 ¹⁵⁰⁺	234,83 ¹⁵⁰⁺		
4	16			170 - 190 mm	141,65	178,58	206,13	235,19		
4	16			176 - 196 mm	142,20	179,31	207,04	236,28		
4	16		200	180 - 200 mm	142,56	179,79	207,64	237,01	408,28	529,02
4	16			190 - 210 mm	145,64	183,89	212,78	243,16		
4	16			195 - 217 mm	146,71	185,33	214,57	246,54		
4	16		225	205 - 225 mm	147,62	186,54	216,08	248,72	421,77	546,50
4	16	200		210 - 230 mm	148,07	187,14	216,84 ²⁰⁰⁺	248,04 ²⁰⁰⁺		
3	10			216 - 238 mm	149,72	189,34	219,58 ²⁰⁰⁺	251,33 ²⁰⁰⁺		
3	10			225 - 246 mm	150,54	190,43	220,94 ²⁰⁰⁺	252,96 ²⁰⁰⁺		
3	10		250	230 - 250 mm	151,55	191,77	222,63 ²⁰⁰⁺	254,99 ²⁰⁰⁺	x	560,08
3	10	225		240 - 260 mm	175,64	222,33	258,23	295,85		
3	10			250 - 270 mm	180,50	228,81	266,32	305,57		
3	10	250	280	260 - 280 mm	185,96	236,09	275,42	316,49	x	780,35
3	10			269 - 289 mm	186,98	237,45	277,13	318,53		
3	10			273 - 293 mm	187,44	238,06	277,88	319,44		
3	10			282 - 302 mm	189,08	240,26	280,63	322,74		
3	10	300	315	295 - 315 mm	193,49	246,13	287,98	331,55	x	810,03
3	10			314 - 334 mm	197,28	251,18	294,29	339,13		
3	10			322 - 344 mm	199,13	253,66	297,38	342,84		
3	10		355	335 - 355 mm	200,61	255,63	299,84	345,79	x	838,07
3	10			347 - 367 mm		262,49	308,43	356,10		
3	10	350		350 - 368 mm		262,95	309,00	356,78		
3	10			360 - 380 mm		264,47	310,89	360,19		
3	10			365 - 385 mm		265,22	311,84	360,19	586,55	
3	10			382 - 402 mm		282,40	328,30	424,36	594,90	
3	10			396 - 420 mm		322,57	379,58	438,68	712,47	
3	10	400		404 - 424 mm		330,65	389,68	450,80	728,63	
3	10			410 - 430 mm		331,52	390,77	452,11	730,37	
2	6	450		420 - 440 mm			398,45	461,32	742,66	
2	6			435 - 455 mm			403,68	467,59	751,02	
2	6			468 - 488 mm			417,66	484,37	773,39	
2	6			485 - 505 mm			420,75	488,08	778,34	
2	6	500		532 - 552 mm			469,60	546,70	856,50	
2	6			545 - 575 mm			573,84	663,73	1064,95	
2	6			568 - 598 mm			580,64	671,88	1075,83	
2	6	600		588 - 618 mm			581,55	672,97	1077,28	
2	6			608 - 638 mm				679,98	1086,62	1120,58
2	6			628 - 658 mm				703,84	1118,44	1153,39
2	6			648 - 678 mm				720,76	1141,00	1176,66
2	6			668 - 698 mm				727,55	1159,11	1195,33
2	6			688 - 718 mm				734,34	1177,55	1214,35
2	6	700		708 - 738 mm				756,99	1189,31	1226,47
2	6			728 - 758 mm				762,01	1196,00	1233,38
2	6	750		748 - 778 mm				771,34	1208,44	1246,20
2	6			768 - 798 mm				777,39	1216,50	1254,52

prices valid until further notice

To obtain the total price please add following surcharge to the above mentioned clamp body

SURCHARGE	Flange	min. length	Price in €.	starting range	flange drilling
	DN 50	300	139,67	88 - 110	PN 10 / 16
	DN 65	300	155,83	88 - 110	PN 10 / 16
	DN 80 PLUS ¹	400	198,13	88 - 108	PN 10 / 16
	DN 80	400	175,87	108 - 128	PN 10 / 16
	DN 100 PLUS ¹	400	226,46	108 - 128	PN 10 / 16
	DN 100	400	196,89	133 - 153	PN 10 / 16
	DN 125	400	226,34	135 - 155	PN 10 / 16
	DN 150 PLUS ¹	400	305,97	158 - 180	PN 10 / 16
	DN 150	400	259,31	169 - 189	PN 10 / 16
	DN 200 PLUS ¹	500	449,75	210 - 230	PN 10
	DN 200, 8 holes	500	413,08	240 - 260	PN 10
	DN 200, 12 holes	500	445,19	240 - 260	PN 16
	DN 250	600	538,26	315 - 325	PN 10
	DN 300	800	598,86	315 - 325	PN 10

Red: with this length, the working pressure is not guaranteed

Bolt and in grey tapping sleeves for HDPE
Contact us for the working Pressure

Bold printed: 3 section tapping sleeve
Material: stainless steel grade AISI 304
Standard rubber: NBR or EPDM
Other products available upon request

¹) Including stainless steel concentric reducer to a one step smaller DN size



PRICELIST 2009 - TRACON SINGLE BAND MINI CLAMPS - TYPE TQ10

WP					Length	
WTR	WORKING RANGE				60mm	100mm
10	15	-	18	mm	5,91	7,16
10	16	-	20	mm	5,92	7,18
10	21	-	25	mm	5,95	7,24
10	26	-	30	mm	5,98	7,32
10	33	-	37	mm	6,42	7,97
10	38	-	42	mm	6,69	9,00
10	42	-	45	mm	8,19	11,52
10	48	-	51	mm	8,26	11,94
10	50	-	54	mm	8,51	12,08
10	55	-	58	mm	8,58	12,43
10	60	-	64	mm	8,93	12,78
10	62	-	66	mm	9,00	12,92
10	65	-	69	mm	9,14	13,13
10	69	-	73	mm	9,21	13,65
10	71	-	76	mm	9,38	14,18
10	74	-	80	mm	9,52	14,56
10	87	-	93	mm	9,70	15,16

WP					Length	
WTR	WORKING RANGE				60mm	100mm
10	94	-	100	mm	10,33	15,96
10	99	-	104	mm	10,54	17,43
10	105	-	111	mm	11,13	18,76
10	112	-	117	mm	11,38	19,57
10	115	-	121	mm	12,29	20,55
10	120	-	126	mm	12,74	21,11
10	126	-	131	mm	13,02	22,30
10	131	-	136	mm	13,55	22,89
10	139	-	145	mm	13,79	23,31
10	156	-	162	mm	14,11	24,26
10	167	-	173	mm	14,60	25,38
10	173	-	179	mm	15,37	27,72
10	200	-	206	mm	16,80	28,35
10	217	-	223	mm	17,64	31,50
10	223	-	229	mm	19,71	34,97
6	272	-	278	mm	21,14	37,31
6	323	-	329	mm	22,51	39,59

prices valid until further notice

Material: full stainless steel grade AISI 304

Standard rubber: NBR

Minimum ordering quantity: 100 pieces

Other sizes available upon request

Working pressures: the size of the repair must always stay within a 20 mm boundary from the outside edge of the repair clamps.

The size of the repair can influence the pressure rate.

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PRICELIST 2009 - PE INSERTS

Range	Length	SDR MEASUREMENTS / DIN8074												
		7,5	9	11	13,6	16,6	17	17,6	21	26	33	34	41	50
50	100	11,90	12,18	12,50	12,69	12,73	12,75	12,75	13,01	13,26	13,52	13,77	14,43	15,05
63	100	11,45	11,77	12,04	12,13	12,18	12,27	12,27	12,52	12,75	13,01	13,26	13,89	14,48
75	100	11,87	12,16	12,47	12,52	12,61	12,69	12,69	12,95	13,21	13,46	13,72	14,37	14,99
90	120	13,29	13,63	13,97	14,14	14,23	14,31	14,31	14,60	14,88	15,17	15,44	15,97	16,53
110	120	14,11	14,45	14,82	15,19	15,22	15,24	15,24	15,56	15,85	16,15	16,46	17,23	18,00
125	120	14,71	15,07	15,44	15,80	15,88	15,92	15,92	16,24	16,55	16,89	17,20	18,00	18,79
140	140	18,62	19,10	19,58	20,06	20,27	20,46	20,46	20,88	21,28	21,68	22,10	23,12	24,14
160	140	19,89	20,39	20,91	21,42	21,59	21,91	21,91	22,36	22,78	23,21	23,66	24,76	25,84
180	140	21,42	21,98	22,53	23,10	23,17	23,32	23,32	23,80	24,25	24,71	25,20	26,35	27,54
200	160	28,05	28,99	29,69	30,43	31,14	31,48	31,48	32,11	32,73	33,38	33,97	35,56	37,15
225	160	30,52	31,31	32,08	32,87	33,63	34,11	34,11	34,79	35,47	36,16	36,87	38,56	40,27
250	160	32,81	33,66	34,48	35,34	36,16	36,72	36,72	37,46	38,19	38,92	39,64	41,48	43,32
280	160	38,56	39,55	40,51	41,51	42,47	43,29	43,29	44,18	45,03	45,78	46,75	48,94	51,09
315	160	42,10	43,22	44,26	45,37	46,41	47,40	47,40	48,34	49,28	50,23	51,20	53,58	55,93
355	160	46,16	47,35	48,51	49,69	50,86	52,06	52,06	53,10	54,11	55,17	56,21	56,72	57,23

prices valid until further notice

Minimum quantities: 25 pieces per position

Other sizes are available on request

Material: Stainless steel grade AISI 304

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PRICELIST 2009 - OUTLETS AND FLANGES

Service connection

Very useful to make service connections, fixing valves and fittings. Next to the different sizes of the outlets. There are also different types of outlets, namely BPS, BSD, BSO and Polsafe outlets. To retain the right price simply add the surcharges mentioned below to the price of the repairclamp with the right diameter.

Surcharge for BSP outlets:

	Price
BSP 1/2"	14,98
BSP 3/4"	14,98
BSP 1 "	17,98
BSP 1 1/4"	20,97
BSP 1 1/2"	23,97
BSP 2 "	29,96
BSP 2 1/2"	44,93
BSP 3 "	59,91
BSP 4 "	89,39

Starting Range for BSP outlets

Outlet	Single Band	length	Double Band	Length
1/2"	40 - 44	150	88 - 110	200
3/4"	48 - 52	150	88 - 110	200
1"	57 - 64	150	88 - 110	200
1 1/4"	67 - 74	150	88 - 110	200
1 1/2"	70 - 77	200	88 - 110	200
2"	87 - 95	200	88 - 110	200
2 1/2"	-	-	108 - 128	200
3"	-	-	130 - 150	300
4"	-	-	159 - 170	400

Surcharge for BSD outlets

BSD 2 " int. 2 1/2" ext.	79,88
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Surcharge for BSO outlets:

BSO 2 1/2"	99,86
BSO 3 "	124,83

Surcharge for Polsafe outlets

Polsafe 1 1/2"	57,92
Polsafe 2 "	63,90

Flanges

Flange connections are made on a two or three part repair clamp. The flanges are available according the technical specification: DIN 2576, ND10 (WN1.4306/1.4404). For prices see page with tapping sleeves

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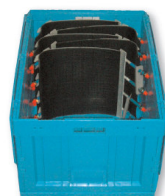
PRICELIST 2009 - EMERGENCY REPAIR KITS

EMSA - LARGE (L) - > DN 40 < DN 300			
SECTIONS	Amount in box	Price per piece	Total price
EMSA TS10 48 - 52 * 300 mm. = 1	3	75,82	€ 227,46
EMSA TS10 54 - 58 * 300 mm. = 2	3	76,85	€ 230,55
EMSA TS10 60 - 67 * 300 mm. = 3	3	75,03	€ 225,09
EMSA TS10 70 - 77 * 300 mm. = 4	3	76,01	€ 228,03
EMSA TS10 83 - 89 * 300 mm. = 5	3	82,76	€ 248,28
EMSA TS10 89 - 98 * 300 mm. = 6	3	84,94	€ 254,82
EMSA TS10 102 - 112 * 300 mm. = 7	1	87,12	€ 87,12
EMSA TS10 118 - 128 * 300 mm. = 8	1	93,46	€ 93,46

SPANNERPLATES	Amount in box	Price per piece	Total price
SPANNERPLATE 298D	5	3,00	€ 15,00
SPANNERPLATE 298E	5	3,00	€ 15,00
SPANNERPLATE 298G	5	3,00	€ 15,00
SPANNERPLATE 298H	5	3,00	€ 15,00
SPANNERPLATE 298I	5	3,00	€ 15,00
SPANNERPLATE 298J	5	3,00	€ 15,00
SPANNERPLATE 298K	5	3,00	€ 15,00
SPANNERPLATE 298L	5	3,00	€ 15,00

BOX	Amount	Price per piece	Total price
EMSA BLUE BOX WITH COVER	1	169,67	€ 169,67

TOTAL PRICE FOR ONE "EMSA L" EMERGENCY REPAIR BOX	€ 1.884,48
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EMSA - EXTRA LARGE (XL)- > DN 200< DN 600			
SECTIONS	Amount in box	Price per piece	Total price
EMSA TS10 90 - 98 * 400 mm. = A	1	105,80	€ 105,80
EMSA TS10 111 - 121 * 400 mm. = B	1	116,17	€ 116,17
EMSA TS10 131 - 141 * 400 mm. = C	1	124,06	€ 124,06
EMSA TS10 160 - 170 * 400 mm. = D	1	137,25	€ 137,25
EMSA TS10 190 - 200 * 400 mm. = E	1	151,42	€ 151,42

BOX	Amount	Price per piece	Total price
EMSA BLUE BOX WITH COVER	1	169,67	€ 169,67

TOTAL PRICE FOR ONE "EMSA XL" EMERGENCY REPAIR BOX	€ 804,37
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