

REPAMAX® WIDE-RANGE COUPLING¹ (DN40-DN2000)

Product Specifications

FEATURES

- Can be stab fitted or wrapped around damaged pipe
- Durable Stainless Steel, monoblock design
- 3° angular deflection per end mitigates the potential for pipe or structure damage caused by ground movement due to temperature change or settlement
- Fast and easy to install
- Durable under extreme conditions
- DN40-DN650 – one closure mechanism
DN700-DN2000 – two closure mechanisms
- Available in standard and high-pressure versions



RANGE/SIZE

- Standard sizes available in nominal diameters of DN40-DN600
- DN650-DN2000 are available by customer request (Made to Order)²
- Range 12mm available in sizes DN40-DN80
- Range 22mm available in sizes DN80-DN300
- Range 32mm available in sizes DN150-DN600
- Range 15mm available in sizes DN650-DN2000

RANGE/WIDTH

- Range 12mm available in width 140mm and 280mm
- Range 22mm available in width 140mm, 210mm, and 280mm
- Range 32mm available in width 210mm and 280mm
- Range 15mm available in width 210mm, 280mm, 430mm, and 580mm

MATERIALS

BODY

- EN1.4301/SAE AISI 304 Stainless Steel

LUG MATERIAL

- DN40-DN300: Polycarbonate.
- DN350-DN2000: Standard pressure products use polycarbonate lugs.
- DN350-DN2000: High pressure products use AISI 304 Stainless Steel casting (ASTM-A351-CF8).

COMPRESSION BEAM & ADJUSTING PIN

- AISI 304 Stainless Steel casting (ASTM-A351-CF8).

GASKET

- EPDM compound for Water and Sewage - available in all ranges.
- For contact with drinking water, meets international standard: NSF-61, NSF-372, KTW-UBA Elastomer guideline, W270, XP P 41-250, AS/NZS 4020, and BS 6920.³
- For water and drainage applications, meets international standard: DIN EN 681-1.
- NBR compounded (for ranges 12mm and 22mm), meets DIN EN 682 for gas supply mains and pipeline applications.

¹ The product is protected by various patents registered in various countries.

² For details about Made to Order (MTO) products please contact your KRAUSZ® distributor.

³ For the updated status of the product standards, please contact your local KRAUSZ representative.



JOIN



REPAIR



RESTRAIN



TAP

SPECIFICATIONS AND MATERIALS

GASKET BRIDGE

- EN1.4301/SAE AISI 304 Stainless Steel

INNER PLATE

- EN1.4301/SAE AISI 304 Stainless Steel

INNER PLATE BOLTS

- DN40-DN600: AISI 316 bolt insulated with ultem resin 1000
- DN650-DN2000: AISI 316 bolt

NUTS AND BOLTS

- EN1.4301/SAE AISI 304 Stainless Steel. Rolled thread and anti-galling coating

PRODUCT PERFORMANCE

WORKING TEMPERATURE

- Continuous operation: -30°C to +85°C
- Short term operation: up to +100°C

FLEXIBLE DYNAMIC DEFLECTION

- 3° on each side

TRANSITION CAPABILITY

Range	12mm	22mm		32mm	15mm
DN	DN40-DN80	DN80-DN125	DN150-DN300	DN150-DN600	DN650-DN2000
Transition	up to 4mm	up to 6mm	up to 10mm	up to 10mm	up to 6mm

MINIMUM PIPE INSERTION

- 45mm – 100mm. Subject to product width and nominal diameter (DN)

MAXIMUM CRACK WIDTH

PRODUCT WIDTH (mm)	CRACK WIDTH (mm)
140	65
210	130
280	205
430	345
580	500

MAXIMUM OUT OF ROUNDNESS

DN40-DN125		DN150-DN600		DN650-DN2000
6mm	Range 22	Range 32	5mm	
	6mm	8mm		

MAXIMUM OFFSET FOR MISALIGNED PIPE

PRODUCT WIDTH (mm)	MAXIMUM OFFSET (mm)
140	up to 6
210, 280, 430, and 580	up to 10

VACUUM TEST

- 0.8bar

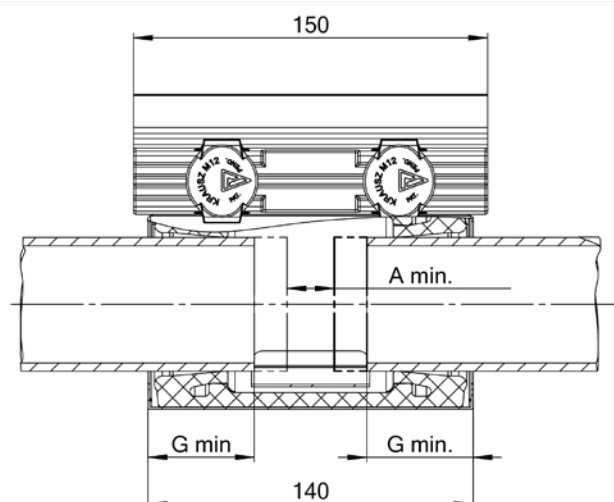
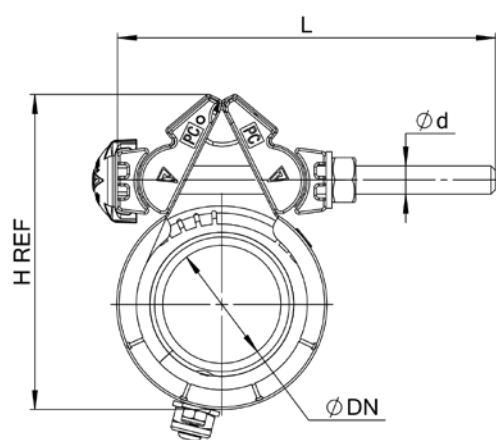
WORKING PRESSURE

Nominal Pipe Size	DN40-DN125		DN150-DN500		DN600		DN650-DN2000
	WORKING PRESSURE	RATED PRESSURE	WORKING PRESSURE	RATED PRESSURE	WORKING PRESSURE	RATED PRESSURE	SEE DRAWINGS FOR DETAILS
Reg. Pressure (Bar)	16	24	12	18	11	16	
High Pressure (Bar)	24	36	16	24	16	24	

PRODUCT TABLES (REPAMAX® 12)

RANGE 12mm

DN40-DN80, WIDTH 140mm



NOMINAL SIZES DN40-DN80 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
114-812-0045-16	40	45	20	45-57	125	2-M12 x 160	50	0.8	1.92
114-812-0052-16	50	45	20	52-64	135	2-M12 x 160	50	0.8	1.97
114-812-0059-16	50	45	20	59-71	140	2-M12 x 160	50	0.8	2.04
114-812-0071-16	65	45	20	71-84	155	2-M12 x 160	50	0.8	2.14
114-812-0081-16	70 80	45	20	81-93	165	2-M12 x 160	50	0.8	2.19

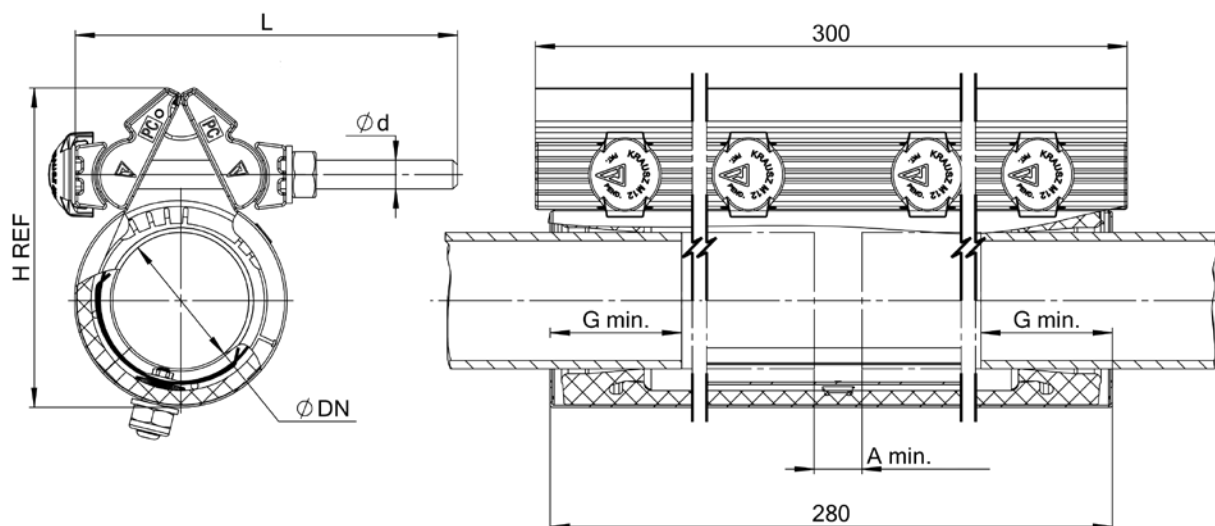
NOMINAL SIZES DN40-DN80 | 24BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
114-812-0045-24	40	45	20	45-57	125	2-M12 x 160	50	1.0	2.02
114-812-0052-24	50	45	20	52-64	135	2-M12 x 160	50	1.0	2.09
114-812-0059-24	50	45	20	59-71	140	2-M12 x 160	50	1.0	2.17
114-812-0071-24	65	45	20	71-84	155	2-M12 x 160	50	1.0	2.3
114-812-0081-24	70 80	45	20	81-93	165	2-M12 x 160	50	1.0	2.33

PRODUCT TABLES (REPAMAX® 12)

RANGE 12mm

DN40-DN80, WIDTH 280mm



NOMINAL SIZES DN40-DN80 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
116-812-0045-16	40	55	20	45-57	125	4-M12 x 160	50	0.8	3.9
116-812-0052-16	50	55	20	52-64	135	4-M12 x 160	50	0.8	4
116-812-0059-16	50	55	20	59-71	140	4-M12 x 160	50	0.8	4.2
116-812-0071-16	65	55	20	71-84	155	4-M12 x 160	50	0.8	4.4
116-812-0081-16	70 80	55	20	81-93	165	4-M12 x 160	50	0.8	4.5

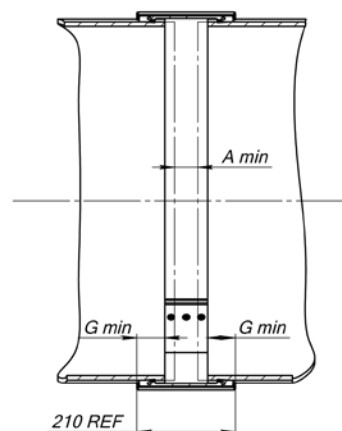
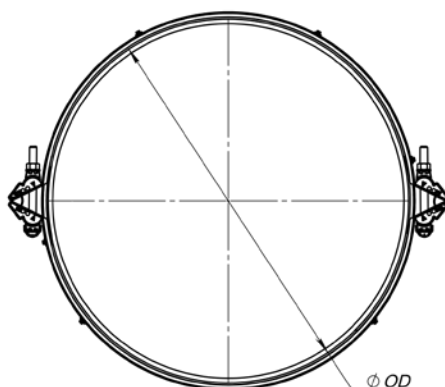
NOMINAL SIZES DN40-DN80 | 24BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
116-812-0045-24	40	55	20	45-57	125	4-M12 x 160	50	1.0	4.1
116-812-0052-24	50	55	20	52-64	135	4-M12 x 160	50	1.0	4.2
116-812-0059-24	50	55	20	59-71	140	4-M12 x 160	50	1.0	4.4
116-812-0071-24	65	55	20	71-84	155	4-M12 x 160	50	1.0	4.6
116-812-0081-24	70 80	55	20	81-93	165	4-M12 x 160	50	1.0	4.7

PRODUCT TABLES (REPAMAX® 15)

RANGE 15mm

DN650-DN1500, WIDTH 210mm

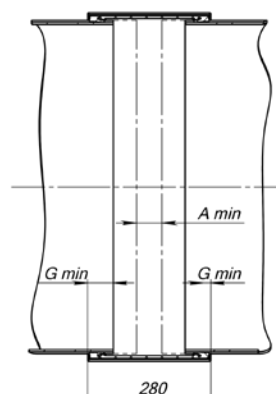
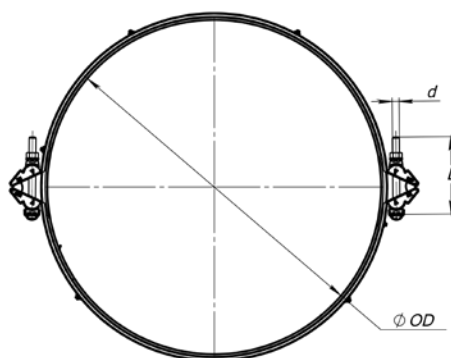


NOMINAL SIZES DN650-DN1500

PER REQUEST	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	WORKING PRESSURE (Bar)	TEST PRESSURE (Bar)
Available in all size variations, tolerance range 15mm	700-950	60	60	6-M16 x 180	220	2.5	7	11
	950-1150	60	60	6-M16 x 180	260	2.5	5	8
	1150-1200	60	90	6-M16 x 180	260	2.5	5	8
	1200-1350	60	90	6-M16 x 180	260	2.5	4	6
	1350-1500	60	90	6-M16 x 180	260	3	3	5

RANGE 15mm

DN700-DN1800, WIDTH 280mm



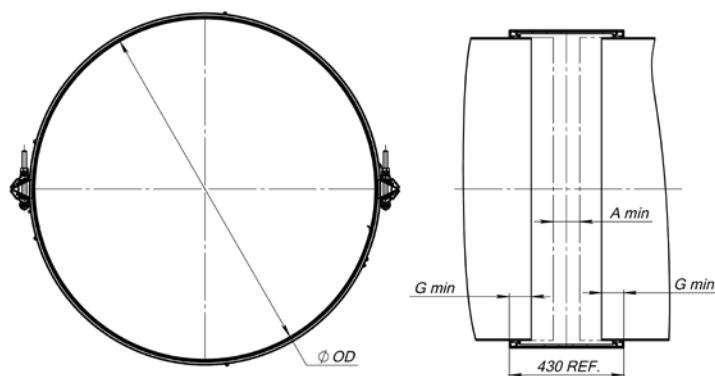
NOMINAL SIZES DN700-DN1800

PER REQUEST	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	WORKING PRESSURE (Bar)	TEST PRESSURE (Bar)
Available in all size variations, tolerance range 15mm	700-720	60	40	8-M16 x 180	220	2.5	7	10.5
	720-900	60	60					
	900-950	75	60					
	950-1150	75	60	8-M16 x 180	260	2.5	5	7.5
	1150-1200	75	95					
	1200-1350	75	95	8-M16 x 180	260	2.5	4	6
	1350-1400	75	95	8-M16 x 180	260	3.0	3	4.5
	1400-1650	85	95					
	1650-1800	85	95	8-M16 x 180	260	3.0	2	3

PRODUCT TABLES (REPAMAX® XTRA)

RANGE 15mm

DN700-DN1950, WIDTH 430mm

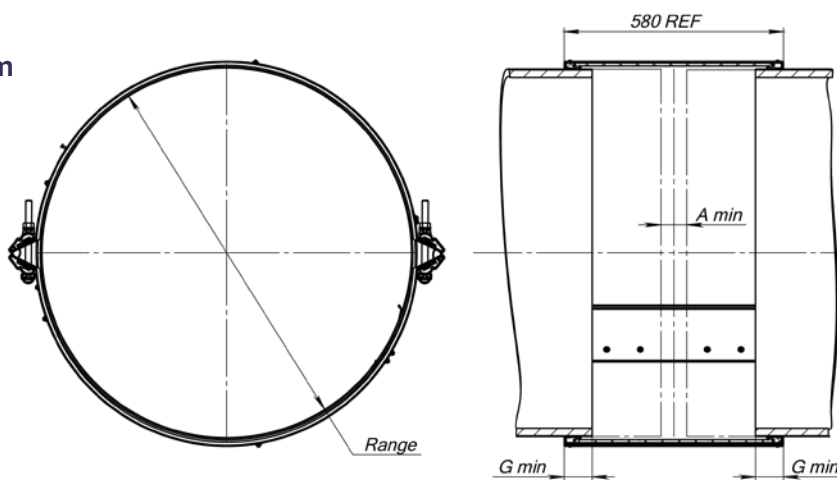


NOMINAL SIZES DN700-DN1950

PER REQUEST	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	WORKING PRESSURE (Bar)	TEST PRESSURE (Bar)
Available in all size variations, tolerance range 15mm	700-750	75	60	12-M16 x 210	200	3.0	14	21
	750-850	75	60	12-M16 x 210	200	3.0	12	18
	850-900	75	60	12-M16 x 210	200	3.0	10	15
	900-950	75	60	12-M16 x 210	200	3.0	10	15
	950-1050	75	60	12-M16 x 210	200	3.0	8	12
	1050-1150	75	60	12-M16 x 210	200	3.0	8	12
	1150-1250	90	95	12-M16 x 210	200	3.0	6	9
	1250-1350	90	95	12-M16 x 210	200	3.0	5	7.5
	1350-1400	90	95	12-M16 x 210	200	3.0	4	6
	1400-1650	90	95	12-M16 x 210	200	3.0	4	6
	1650-1950	100	95	12-M16 x 210	200	3.0	4	6

RANGE 15mm

DN700-DN1950, WIDTH 580mm



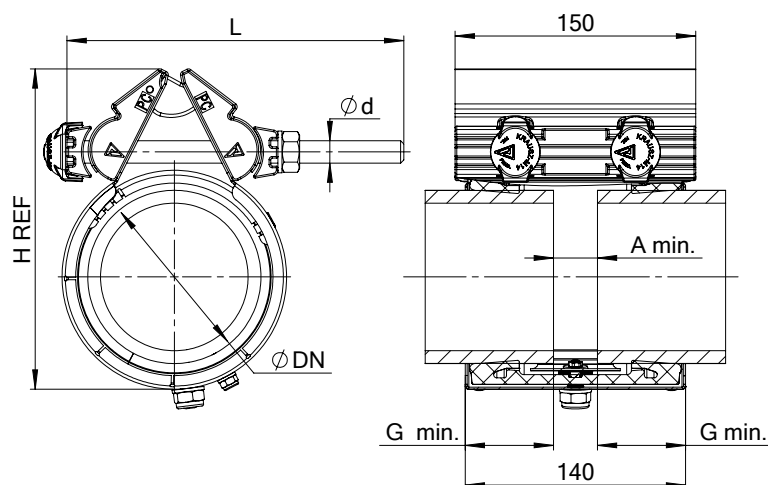
NOMINAL SIZES DN700-DN1950

PER REQUEST	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	WORKING PRESSURE (Bar)	TEST PRESSURE (Bar)
Available in all size variations, tolerance range 15mm	700-750	75	60	16-M16 x 210	200	3.0	14	21
	750-850	75	60	16-M16 x 210	200	3.0	12	18
	850-900	75	60	16-M16 x 210	200	3.0	10	15
	900-950	75	60	16-M16 x 210	200	3.0	10	15
	950-1050	75	60	16-M16 x 210	200	3.0	8	12
	1050-1150	75	60	16-M16 x 210	200	3.0	8	12
	1150-1250	90	95	16-M16 x 210	200	3.0	6	9
	1250-1350	90	95	16-M16 x 210	200	3.0	5	7.5
	1350-1400	90	95	16-M16 x 210	200	3.0	4	6
	1400-1650	90	95	16-M16 x 210	200	3.0	4	6
	1650-1950	100	95	16-M16 x 210	200	3.0	4	6

PRODUCT TABLES (REPAMAX[®] 22)

RANGE 22mm

DN80-DN300, WIDTH 140mm



NOMINAL DN80-DN300 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
287-812-0087-16	80	55	20	87-109	200	2-M14 x 210	70	1.2	3.4
287-812-0104-16	100	55	20	104-126	218	2-M14 x 210	70	1.2	3.65
287-812-0108-16	100	55	20	108-131	220	2-M14 x 210	70	1.2	3.7
287-812-0113-16	100	55	20	113-136	225	2-M14 x 210	70	1.2	3.8
287-812-0121-16	100	55	20	121-144	235	2-M14 x 210	70	1.2	4.1
287-812-0124-16	125	55	20	124-146	239	2-M14 x 210	70	1.2	4.2
287-812-0138-16	125	55	20	138-160	260	2-M14 x 210	70	1.2	4.3
287-812-0147-16	125	55	20	147-169	265	2-M14 x 210	70	1.5	4.6
287-812-0152-16	150	55	20	152-174	270	2-M14 x 210	80	1.5	4.65
287-812-0159-16	150	55	20	159-181	275	2-M14 x 210	80	1.5	4.68
287-812-0164-16	150	55	20	164-186	280	2-M14 x 210	80	1.5	4.7
287-812-0190-16	175	55	20	190-212	306	2-M14 x 210	80	1.5	4.8
287-812-0210-16	200	55	20	210-232	330	2-M14 x 210	80	1.5	5.1
287-812-0220-16	200	55	20	220-242	335	2-M14 x 210	80	1.5	5.3
287-812-0230-16	200	55	20	230-252	345	2-M14 x 210	80	1.5	5.8
287-812-0244-16	225	55	20	244-267	365	2-M14 x 210	100	2.0	6.2
287-812-0270-16	250	55	20	270-293	410	2-M14 x 210	110	2.0	6.4
287-812-0286-16	250	55	20	286-308	415	2-M14 x 210	110	2.0	6.6
287-812-0305-16	300	55	20	305-327	425	2-M14 x 210	120	2.0	6.7
287-812-0322-16	300	55	25	322-344	443	2-M14 x 210	120	2.0	6.8
287-812-0340-16	300	55	25	340-362	460	2-M14 x 210	120	2.0	7.0

RANGE 22mm

DN80-125, WIDTH 140mm

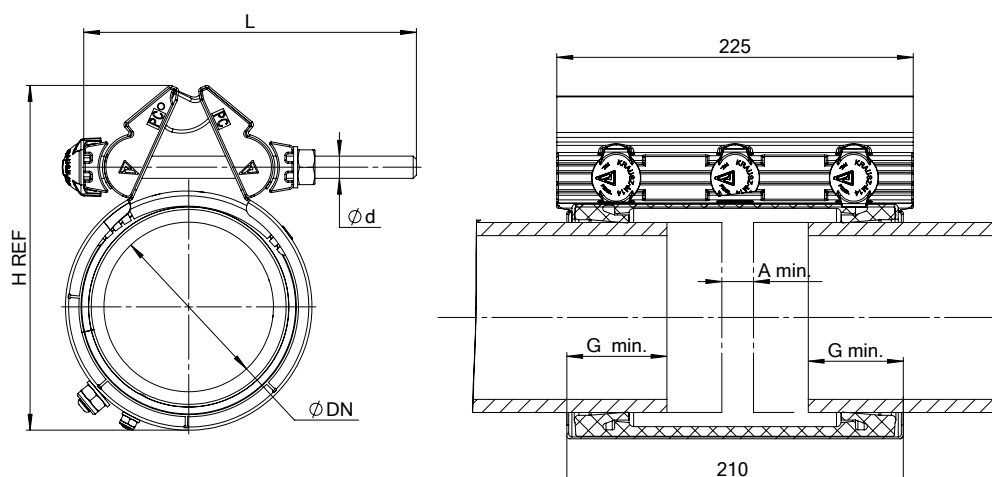
NOMINAL SIZES DN80-DN125 | 24BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
287-812-0087-24	80	55	20	87-109	200	2-M14 x 210	90	1.2	3.4
287-812-0104-24	100	55	20	104-126	218	2-M14 x 210	90	1.2	3.65
287-812-0108-24	100	55	20	108-131	220	2-M14 x 210	90	1.2	3.7
287-812-0113-24	100	55	20	113-136	225	2-M14 x 210	90	1.2	3.8
287-812-0121-24	100	55	20	121-144	235	2-M14 x 210	90	1.2	4.1
287-812-0138-24	125	55	20	138-160	260	2-M14 x 210	90	1.2	4.3
287-812-0147-24	125	55	20	147-169	265	2-M14 x 210	90	1.2	4.6

PRODUCT TABLES (REPAMAX® 22)

RANGE 22mm

DN80–DN400, WIDTH 210mm



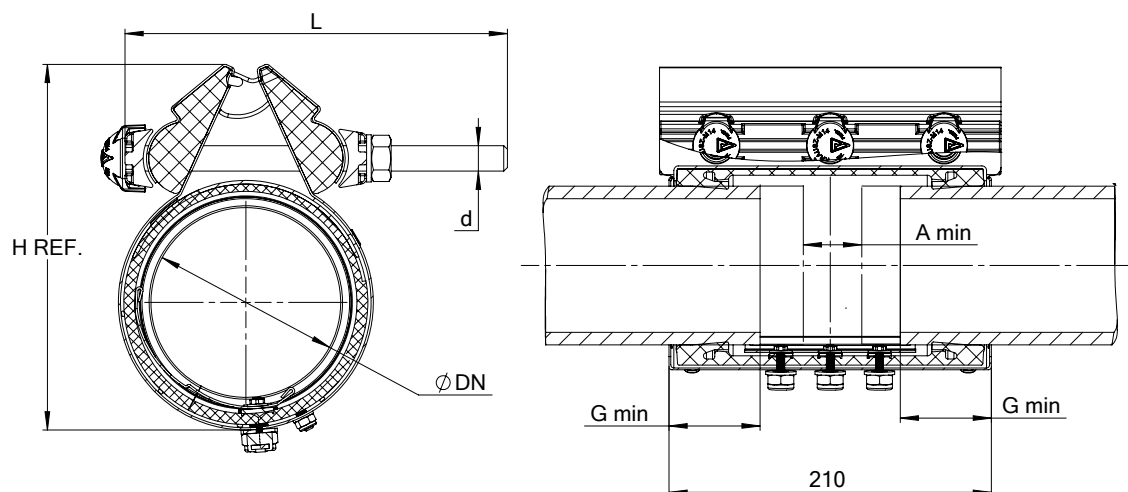
NOMINAL SIZES DN80-DN400 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (kg)
288-812-0087-16	80	60	20	87-109	200	3-M14 x 210	70	1.2	5.1
288-812-0104-16	100	60	20	104-126	218	3-M14 x 210	70	1.2	5.33
288-812-0108-16	100	60	20	108-131	220	3-M14 x 210	70	1.2	5.5
288-812-0113-16	100	60	20	113-136	225	3-M14 x 210	70	1.2	5.7
288-812-0121-16	100	60	20	121-144	235	3-M14 x 210	70	1.2	5.8
288-812-0124-16	100 125	60	20	124-146	239	3-M14 x 210	70	1.2	6
288-812-0138-16	125	60	20	138-160	260	3-M14 x 210	70	1.5	6.2
288-812-0147-16	125	60	20	147-169	265	3-M14 x 210	70	1.5	6.3
288-812-0152-16	150	60	20	152-174	268	3-M14 x 210	80	1.5	6.49
288-812-0159-16	150	60	20	159-181	275	3-M14 x 210	80	1.5	6.51
288-812-0164-16	150	60	20	164-186	280	3-M14 x 210	80	1.5	6.66
288-812-0180-16	150	60	20	180-202	295	3-M14 x 210	80	1.5	6.73
288-812-0191-16	175	60	20	190-213	306	3-M14 x 210	80	1.5	7.1
288-812-0207-16	200	60	20	207-229	323	3-M14 x 210	80	1.5	7.21
288-812-0210-16	200	60	20	210-232	328	3-M14 x 210	80	1.5	7.46
288-812-0220-16	200	60	20	220-242	335	3-M14 x 210	80	1.5	7.57
288-812-0230-16	250	60	20	230-252	345	3-M14 x 210	80	1.5	7.7
288-812-0233-16	250	60	20	233-255	347	3-M14 x 210	80	2.0	8.7
288-812-0236-16	250	60	20	236-258	350	3-M14 x 210	80	2.0	8.73
288-812-0244-16	250	60	20	244-266	365	3-M14 x 210	80	2.0	9.1
288-812-0260-16	250	60	20	260-282	377	3-M14 x 210	80	2.0	9.3
288-812-0263-16	250	60	20	263-285	380	3-M14 x 210	80	2.0	9.32
288-812-0270-16	250	60	20	270-293	388	3-M14 x 210	80	2.0	9.5
288-812-0286-16	250	60	20	286-308	402	3-M14 x 210	80	2.0	10
288-812-0294-16	300	60	20	294-316	412	3-M16 x 210	120	2.0	12
288-812-0305-16	300	60	20	305-327	425	3-M16 x 210	120	2.0	12.7
288-812-0310-16	300	60	20	310-332	432	3-M16 x 210	120	2.0	13
288-812-0336-16	300	60	25	336-358	453	3-M16 x 210	120	2.0	13.7
288-812-0340-16	300	60	25	340-362	460	3-M16 x 210	120	2.0	13.8
288-812-0363-16	350	60	25	363-385	485	3-M16 x 210	120	2.0	14
288-812-0385-16	350	60	25	385-407	502	3-M16 x 210	120	2.0	14.6
288-812-0413-16	400	60	35	413-435	535	3-M16 x 210	120	2.5	16.33

PRODUCT TABLES (REPAMAX® 22)

RANGE 22mm

DN80-DN125, WIDTH 210mm



NOMINAL SIZES DN80-DN125 | 24BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
288-812-0087-24	80	60	20	87-109	200	3-M14 x 210	90	1.2	5.1
288-812-0108-24	100	60	20	108-131	220	3-M14 x 210	90	1.2	5.5
288-812-0113-24	100	60	20	113-136	225	3-M14 x 210	90	1.2	5.7
288-812-0121-24	100	60	20	121-144	235	3-M14 x 210	90	1.2	5.8
288-812-0124-24	100 125	60	20	124-146	239	3-M14 x 210	90	1.2	6
288-812-0138-24	125	60	20	138-160	260	3-M14 x 210	90	1.5	6.2
288-812-0147-24	125	60	20	147-169	265	3-M14 x 210	90	1.5	6.3

RANGE 22mm

DN300-DN400, WIDTH 210mm

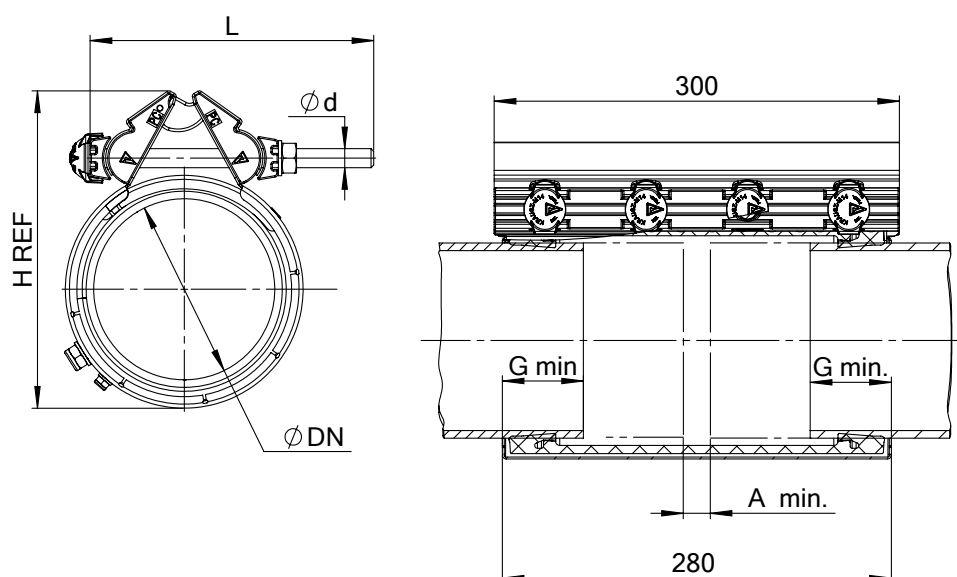
NOMINAL SIZES DN300-DN400 | 12BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
288-812-0294-12	300	60	20	294-316	412	3-M16 x 210	100	1.5	9
288-812-0305-12	300	60	20	305-327	425	3-M16 x 210	100	1.5	9.1
288-812-0310-12	300	60	20	310-332	432	3-M16 x 210	110	1.5	9.2
288-812-0322-12	300	60	25	322-344	439	3-M16 x 210	110	1.5	9.4
288-812-0336-12	300	60	25	336-358	453	3-M16 x 210	110	1.5	9.6
288-812-0340-12	300	60	25	340-362	458	3-M16 x 210	110	1.5	9.7
288-812-0363-12	350	60	25	363-385	485	3-M16 x 210	120	2.0	12
288-812-0385-12	350	60	25	385-407	502	3-M16 x 210	120	2.0	12.5
288-812-0405-12	400	60	35	405-427	524	3-M16 x 210	120	2.0	13
288-812-0413-12	400	60	35	413-435	535	3-M16 x 210	120	2.5	13.3

PRODUCT TABLES (REPAMAX® 22)

RANGE 22mm

DN80–DN400, WIDTH 280mm



NOMINAL SIZES DN80-DN400 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
289-812-0087-16	80	60	20	87-109	200	4-M14 x 210	60	1.2	6.9
289-812-0104-16	100	60	20	104-126	218	4-M14 x 210	60	1.2	7.07
289-812-0108-16	100	60	20	108-131	220	4-M14 x 210	60	1.2	7.3
289-812-0113-16	100	60	20	113-136	225	4-M14 x 210	60	1.2	7.4
289-812-0121-16	100	60	20	121-144	235	4-M14 x 210	60	1.2	7.5
289-812-0124-16	100 125	60	20	124-146	239	4-M14 x 210	60	1.2	7.5
289-812-0138-16	125	60	20	138-160	260	4-M14 x 210	60	1.5	8.4
289-812-0147-16	125	60	20	147-169	265	4-M14 x 210	60	1.5	8.6
289-812-0152-16	150	60	20	152-174	268	4-M14 x 210	80	1.5	8.6
289-812-0159-16	150	60	20	159-181	275	4-M14 x 210	80	1.5	8.7
289-812-0164-16	150	60	20	164-186	280	4-M14 x 210	80	1.5	9
289-812-0180-16	150	60	20	180-202	295	4-M14 x 210	80	1.5	9.2
289-812-0207-16	200	60	20	207-229	323	4-M14 x 210	80	1.5	9.51
289-812-0210-16	200	60	20	210-232	328	4-M14 x 210	80	1.5	9.95
289-812-0236-16	250	60	20	236-258	350	4-M14 x 210	80	2.0	11.46
289-812-0244-16	250	60	20	244-266	360	4-M14 x 210	80	2.0	11.77
289-812-0260-16	250	60	20	260-282	377	4-M14 x 210	80	2.0	12.06
289-812-0263-16	250	60	20	263-285	380	4-M14 x 210	80	2.0	12.1
289-812-0294-16	300	60	20	294-316	416	4-M16 x 210	120	2.0	13.3
289-812-0300-16	300	60	20	300-322	420	4-M16 x 210	120	2.0	13.6
289-812-0305-16	300	60	20	305-327	425	4-M16 x 210	120	2.0	13.6
289-812-0310-16	300	60	20	310-332	432	4-M16 x 210	120	2.0	13.6
289-812-0336-16	300	60	25	336-358	453	4-M16 x 210	120	2.0	14.4
289-812-0363-16	350	60	25	363-385	485	4-M16 x 210	120	2.0	18.83
289-812-0385-16	350	60	25	385-407	502	4-M16 x 210	120	2.0	19.22
289-812-0413-16	400	60	25	413-435	535	4-M16 x 210	120	2.5	21.54

RANGE 22mm

DN300-DN400, WIDTH 280mm

NOMINAL SIZES DN300-DN400 12BAR									
KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
289-812-0294-12	300	60	20	297-316	412	4-M16 x 210	100	1.5	13.4
289-812-0310-12	300	60	20	310-332	432	4-M16 x 210	110	1.5	13.7
289-812-0336-12	300	60	25	336-358	453	4-M16 x 210	110	1.5	14.3
289-812-0363-12	350	60	25	363-385	485	4-M16 x 210	120	2.0	15
289-812-0385-12	350	60	25	385-407	502	4-M16 x 210	120	2.0	15.4
289-812-0413-12	400	60	35	413-435	535	4-M16 x 210	120	2.0	17.7

RANGE 22mm

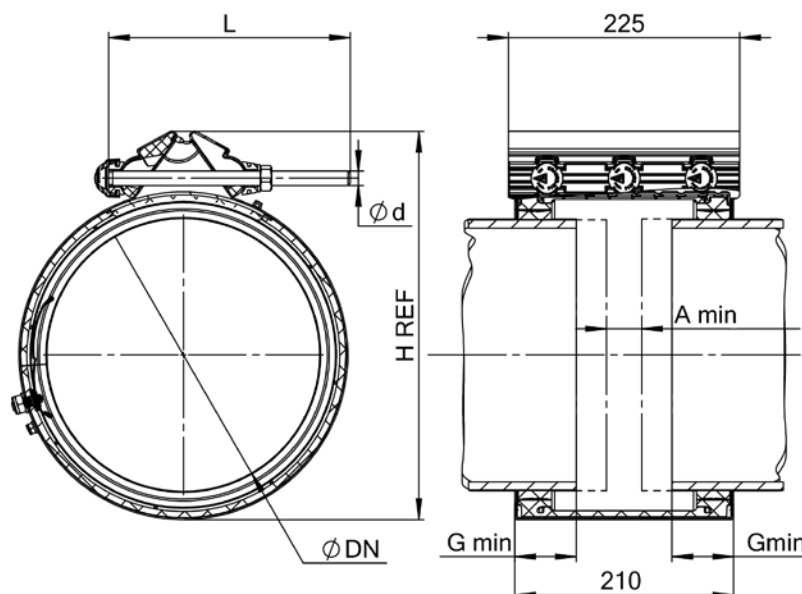
DN80-DN125, WIDTH 280mm

NOMINAL SIZES DN80-DN125 24BAR									
KRAUSZ PART NUMBER	DN (mm/in)	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
289-812-0087-24	80	60	20	87-109	200	4-M14 x 210	80	1.5	7.35
289-812-0108-24	100	60	20	108-131	220	4-M14 x 210	80	1.5	7.8
289-812-0113-24	100	60	20	113-136	225	4-M14 x 210	80	1.5	7.91
289-812-0121-24	100	60	20	121-144	235	4-M14 x 210	80	1.5	8.03
289-812-0138-24	125	60	20	138-160	260	4-M14 x 210	80	1.5	8.4
289-812-0147-24	125	60	20	147-169	265	4-M14 x 210	80	1.5	8.6

PRODUCT TABLES (REPAMAX® 32)

RANGE 32mm

DN200–DN300, WIDTH 210mm



NOMINAL SIZES DN150-DN300 | 12BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
285-812-0163-12	150	60	20	163-195	163-179	178-195	295	3-M14 x 210	80	1.2	6.9
285-812-0190-12	175	60	20	190-222	190-206	205-222	325	3-M14 x 210	80	1.2	7.3
285-812-0217-12	200	60	20	217-250	217-233	232-250	350	3-M14 x 210	80	1.2	7.8
285-812-0248-12	225	60	20	248-280	248-264	263-280	385	3-M14 x 235	90	1.5	8.7
285-812-0272-12	250	60	20	272-305	272-289	288-305	410	3-M16 x 240	100	1.5	9.5
285-812-0278-12	250	60	20	278-311	278-295	294-311	415	3-M16 x 240	100	1.5	9.6
285-812-0313-12	300	60	20	313-347	313-331	330-347	460	3-M16 x 240	110	1.5	10.3
285-812-0320-12	300	60	25	320-352	320-337	336-352	465	3-M16 x 240	110	1.5	10.4
285-812-0334-12	300	60	25	334-366	334-350	349-366	475	3-M16 x 240	110	1.5	10.6

RANGE 32mm

DN200–DN300, WIDTH 210mm

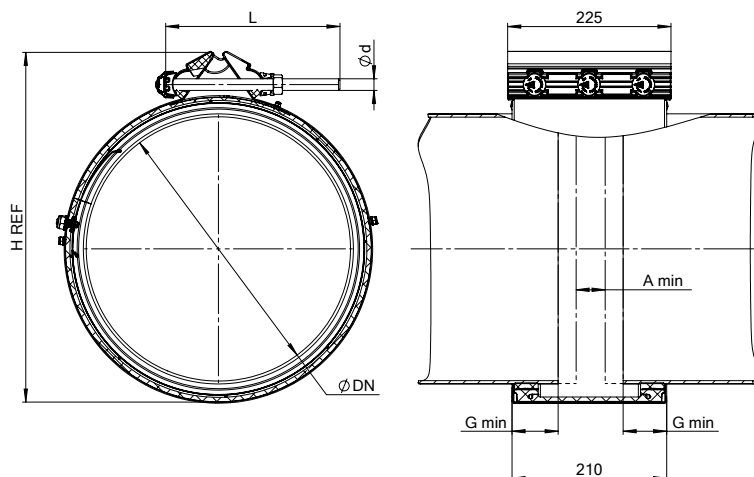
NOMINAL SIZES DN150-DN300 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
285-812-0158-16	150	60	20	158-190	158-174	173-190	290	3-M14 x 210	110	1.5	7.35
285-812-0163-16	150	60	20	163-195	163-179	178-195	295	3-M14 x 210	110	1.5	7.44
285-812-0190-16	175	60	20	190-222	190-206	205-222	325	3-M14 x 210	110	1.5	7.89
285-812-0217-16	200	60	20	217-250	217-233	232-250	350	3-M14 x 210	120	1.5	8.33
285-812-0248-16	225	60	20	248-280	248-264	263-280	385	3-M14 x 235	120	2.0	9.83
285-812-0272-16	250	60	20	272-305	272-289	288-305	410	3-M16 x 240	120	2.0	10.65
285-812-0278-16	250	60	20	278-311	278-295	294-311	415	3-M16 x 240	120	2.0	10.8
285-812-0313-16	300	60	20	313-347	313-331	330-347	460	3-M16 x 240	130	2.0	11.51
285-812-0320-16	300	60	25	320-352	320-337	336-352	465	3-M16 x 240	130	2.0	11.63
285-812-0334-16	300	60	25	334-366	334-350	349-366	475	3-M16 x 240	130	2.0	11.87

PRODUCT TABLES (REPAMAX® 32)

RANGE 32mm

DN350-DN600, WIDTH 210mm



NOMINAL SIZES DN350-DN600 | 11BAR AND 12BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
285-812-0352-12	350	60	25	352-384	352-368	367-384	485	3-M16 x 240	130	2.0	12.5
285-812-0388-12	350	60	25	388-420	388-404	403-420	520	3-M16 x 240	130	2.0	13.2
285-812-0404-12	350	60	35	404-436	404-420	419-436	540	3-M16 x 240	130	2.0	13.6
285-812-0434-12	400	60	35	434-466	434-450	449-466	570	3-M16 x 240	150	2.5	15.7
285-812-0466-12	400	60	35	466-498	466-482	481-498	600	3-M16 x 240	150	2.5	16.4
285-812-0490-12	450	60	35	490-522	490-506	505-522	625	3-M16 x 240	150	2.5	17
285-812-0528-12	450	60	35	528-560	528-544	543-560	660	3-M16 x 240	150	2.5	17.8
285-812-0544-12	500	60	35	544-576	544-560	559-576	680	3-M16 x 240	200	3.0	20.1
285-812-0578-12	500	60	35	578-610	578-594	593-610	715	3-M16 x 240	200	3.0	20.9
285-812-0606-11	600	60	35	606-638	606-622	621-638	740	3-M16 x 240	200	3.0	21.6
285-812-0627-11	600	60	35	627-659	627-643	642-659	765	3-M16 x 240	200	3.0	21.8
285-812-0634-11	600	60	40	634-666	634-650	649-666	776	3-M16 x 240	200	3.0	22
285-812-0650-11	600	60	40	650-682	650-666	665-682	785	3-M16 x 240	200	3.0	22.8
285-812-0675-11	600	60	40	675-707	675-691	690-707	810	3-M16 x 240	200	3.0	23.2
285-812-0685-11	600	60	40	685-717	685-701	700-717	820	3-M16 x 240	200	3.0	23.7

RANGE 32mm

DN350-DN600, WIDTH 210mm

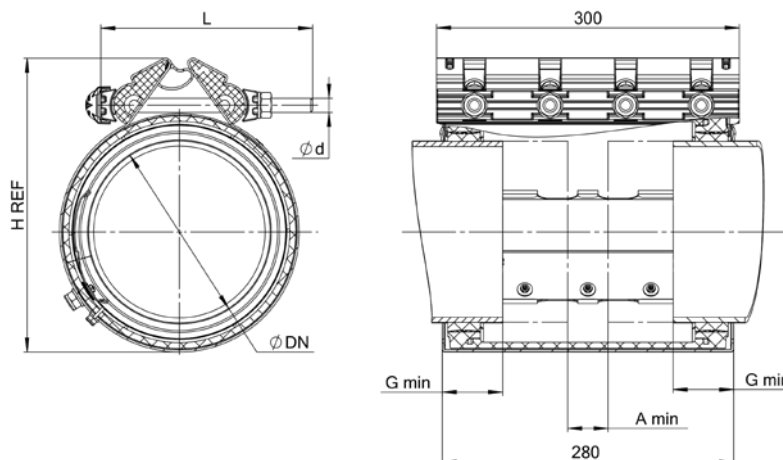
NOMINAL SIZES DN350-DN600 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	WORKING PRESSURE (BAR)	TEST PRESSURE (BAR)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
285-812-0352-16S	350	60	25	352-384	352-368	367-384	485	3-M16 x 240	150	16	24	2.0	15.5
285-812-0388-16S	350	60	25	388-420	388-404	403-420	520	3-M16 x 240	150	16	24	2.0	16.2
285-812-0404-16S	350	60	35	404-436	404-420	419-436	540	3-M16 x 240	150	16	24	2.0	16.5
285-812-0434-16S	400	60	35	434-466	434-450	449-466	570	3-M16 x 240	200	16	24	2.5	18.7
285-812-0466-16S	400	60	35	466-498	466-482	481-498	600	3-M16 x 240	200	16	24	2.5	19.4
285-812-0490-16S	450	60	35	490-522	490-506	505-522	625	3-M16 x 240	200	16	24	2.5	19.9
285-812-0528-16S	450	60	35	528-560	528-544	543-560	660	3-M16 x 240	200	16	24	2.5	20.8
285-812-0544-16S	500	60	35	544-576	544-560	559-576	680	3-M16 x 240	240	16	24	3.0	23
285-812-0578-16S	500	60	35	578-610	578-594	593-610	715	3-M16 x 240	240	16	24	3.0	23.9
285-812-0606-16S	600	60	35	606-638	606-622	621-638	740	3-M16 x 240	240	16	24	3.0	24.6
285-812-0634-16S	600	60	40	634-666	634-650	649-666	776	3-M16 x 240	240	16	24	3.0	25
285-812-0650-16S	600	60	40	650-682	650-666	665-682	785	3-M16 x 240	240	16	24	3.0	25.7
285-812-0675-16S	600	60	40	675-707	675-691	690-707	810	3-M16 x 240	240	16	24	3.0	26
285-812-0685-16S	600	60	40	685-717	685-701	700-717	820	3-M16 x 240	240	14	21	3.0	26.6

PRODUCT TABLES (REPAMAX® 32)

RANGE 32mm

DN150-DN300, WIDTH 280mm



NOMINAL SIZES DN150-DN300 | 12BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
286-812-0163-12	150	60	20	163-195	163-179	178-195	295	4-M14 x 210	80	1.2	9.2
286-812-0190-12	175	60	20	190-222	190-206	205-222	325	4-M14 x 210	80	1.2	10.2
286-812-0217-12	200	60	20	217-250	217-233	232-250	350	4-M14 x 210	80	1.2	10.6
286-812-0248-12	225	60	20	248-280	248-264	263-280	385	4-M16 x 240	80	1.5	11.6
286-812-0272-12	250	60	20	272-305	272-289	288-305	410	4-M16 x 240	100	1.5	12.4
286-812-0278-12	250	60	20	278-311	278-295	294-311	415	4-M16 x 240	100	1.5	13
286-812-0313-12	300	60	20	313-347	313-331	330-347	460	4-M16 x 240	100	1.5	13.8
286-812-0320-12	300	60	25	320-352	320-337	336-352	465	4-M16 x 240	100	1.5	14
286-812-0334-12	300	60	25	334-366	334-350	349-366	475	4-M16 x 240	100	1.5	15

RANGE 32mm

DN150-DN300, WIDTH 280mm

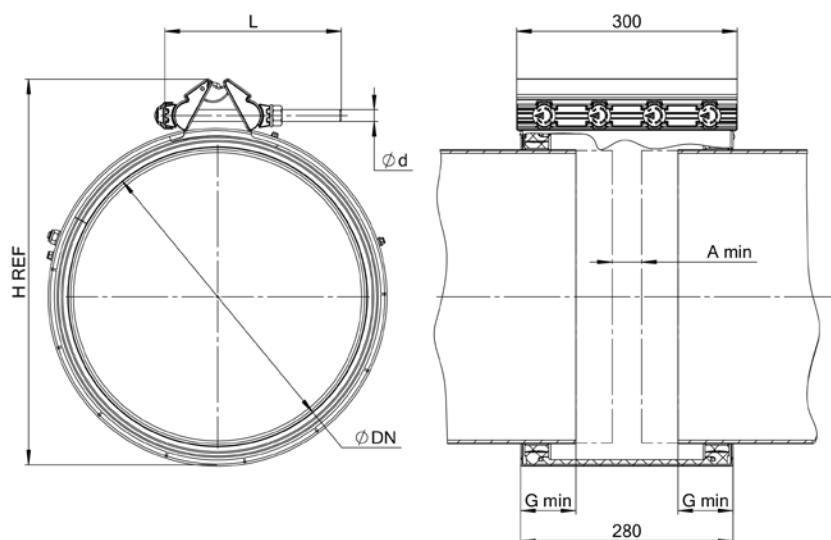
NOMINAL SIZES DN150-DN300 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
286-812-0158-16	150	60	20	158-190	158-174	173-190	290	4-M14 x 210	120	1.5	11.1
286-812-0163-16	150	60	20	163-195	163-179	178-195	295	4-M14 x 210	120	1.5	11.2
286-812-0190-16	175	60	20	190-222	190-206	205-222	325	4-M14 x 210	120	1.5	11.8
286-812-0217-16	200	60	20	217-250	217-233	232-250	350	4-M14 x 210	120	1.5	12.6
286-812-0248-16	225	60	20	248-280	248-264	263-280	385	4-M16 x 240	130	2.0	13.1
286-812-0272-16	250	60	20	272-305	272-289	288-305	410	4-M16 x 240	130	2.0	14.5
286-812-0278-16	250	60	20	278-311	278-295	294-311	415	4-M16 x 240	130	2.0	14.6
286-812-0313-16	300	60	20	313-347	313-331	330-347	460	4-M16 x 240	130	2.0	15.7
286-812-0320-16	300	60	25	320-352	320-337	336-352	465	4-M16 x 240	130	2.0	16.2
286-812-0334-16	300	60	25	334-366	334-350	349-366	475	4-M16 x 240	130	2.0	16.8

PRODUCT TABLES (REPAMAX® 32)

RANGE 32mm

DN350-DN600, WIDTH 280mm



NOMINAL SIZES DN350-DN600 | 11BAR AND 12BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
286-812-0352-12	350	75	25	352-384	352-368	367-384	485	4-M16 x 240	120	2.0	16.2
286-812-0388-12	350	75	25	388-420	388-404	403-420	520	4-M16 x 240	120	2.0	17.2
286-812-0404-12	350	75	35	404-436	404-420	419-436	540	4-M16 x 240	120	2.0	17.6
286-812-0434-12	400	75	35	434-466	434-450	449-466	570	4-M16 x 240	150	2.5	20.4
286-812-0466-12	400	75	35	466-498	466-482	481-498	600	4-M16 x 240	150	2.5	21.4
286-812-0490-12	450	75	35	490-522	490-506	505-522	625	4-M16 x 240	150	2.5	22
286-812-0520-12	450	75	35	520-552	520-536	535-552	660	4-M16 x 240	150	2.5	22.8
286-812-0528-12	450	75	35	528-560	528-544	543-560	669	4-M16 x 240	150	2.5	23.2
286-812-0544-12	500	75	35	544-576	544-560	559-576	680	4-M16 x 240	200	3.0	26.1
286-812-0578-12	500	75	35	578-610	578-594	593-610	715	4-M16 x 240	200	3.0	27.3
286-812-0606-11	600	75	35	606-638	606-622	621-638	740	4-M16 x 240	200	3.0	28.4
286-812-0634-11	600	75	40	634-666	634-650	618-634	776	4-M16 x 240	200	3.0	29
286-812-0650-11	600	75	40	650-682	650-666	665-682	785	4-M16 x 240	200	3.0	29.6
286-812-0653-11	600	75	40	653-685	653-669	668-685	795	4-M16 x 240	200	3.0	29.8
286-812-0685-11	600	75	40	685-717	685-701	700-717	820	4-M16 x 240	200	3.0	30.8

PRODUCT TABLES (REPAMAX® 32)

RANGE 32mm

DN350-DN600, WIDTH 280mm

NOMINAL SIZES DN350-DN600 | 16BAR

KRAUSZ PART NUMBER	DN	G MIN PIPE INSERTION (mm)	A MIN JOINT GAP RECOMMENDED (mm)	OVERALL RANGE (mm)	BEFORE REMOVAL OF INNER LAYER (mm)	AFTER REMOVAL OF INNER LAYER (mm)	H (mm)	BOLTS QTY - SIZE X BOLT LENGTH (mm)	TORQUE (Nm)	WORKING PRESSURE (BAR)	TEST PRESSURE (BAR)	BODY THICKNESS (mm)	APPROX. WEIGHT (Kg)
286-812-0352-16S	350	75	25	352-384	352-368	367-384	485	4-M16 x 240	140	16	24	2.0	20.2
286-812-0388-16S	350	75	25	388-420	388-404	403-420	520	4-M16 x 240	140	16	24	2.0	21.2
286-812-0404-16S	350	75	35	404-436	404-420	419-436	540	4-M16 x 240	140	16	24	2.0	21.6
286-812-0434-16S	400	75	35	434-466	434-450	449-466	570	4-M16 x 240	170	16	24	2.5	24.4
286-812-0454-16S	400	75	35	454-486	454-470	469-486	590	4-M16 x 240	170	16	24	2.5	25
286-812-0466-16S	400	75	35	466-498	466-482	481-498	600	4-M16 x 240	170	16	24	2.5	25.4
286-812-0490-16S	450	75	35	490-522	490-506	505-522	625	4-M16 x 240	170	16	24	2.5	26
286-812-0520-16S	450	75	35	520-552	520-536	535-552	660	4-M16 x 240	170	16	24	2.5	26.9
286-812-0528-16S	450	75	35	528-560	528-544	543-560	660	4-M16 x 240	170	16	24	2.5	27.2
286-812-0544-16S	500	75	35	544-576	544-560	559-576	680	4-M16 x 240	220	16	24	3.0	30.1
286-812-0578-16S	500	75	35	578-610	578-594	593-610	715	4-M16 x 240	220	16	24	3.0	31.3
286-812-0606-16S	600	75	35	606-638	606-622	621-638	740	4-M16 x 240	220	16	24	3.0	32.1
286-812-0650-16S	600	75	40	650-682	650-666	665-682	785	4-M16 x 240	220	16	24	3.0	33.6
286-812-0653-16S	600	75	40	653-685	653-669	668-685	795	4-M16 x 240	220	16	24	3.0	33.8
286-812-0685-16S	600	75	40	685-717	685-701	700-717	820	4-M16 x 240	220	14	21	3.0	34.8

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