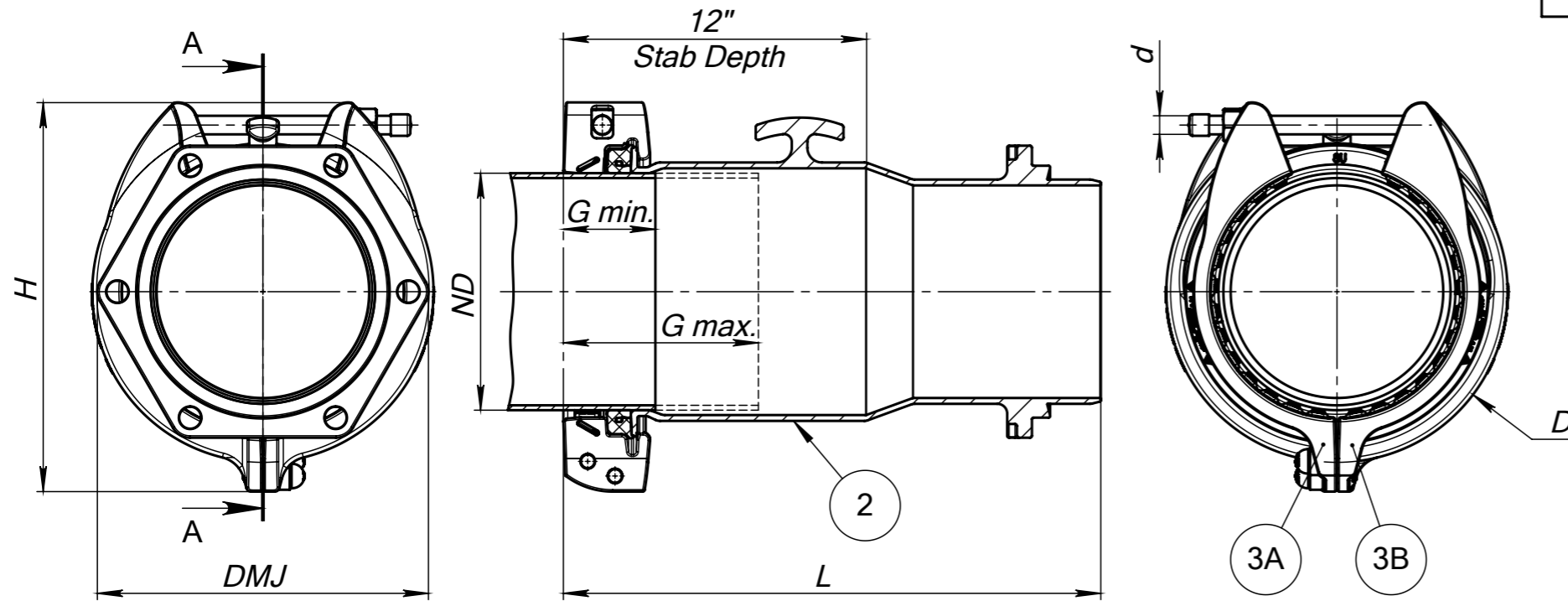


REVISIONS

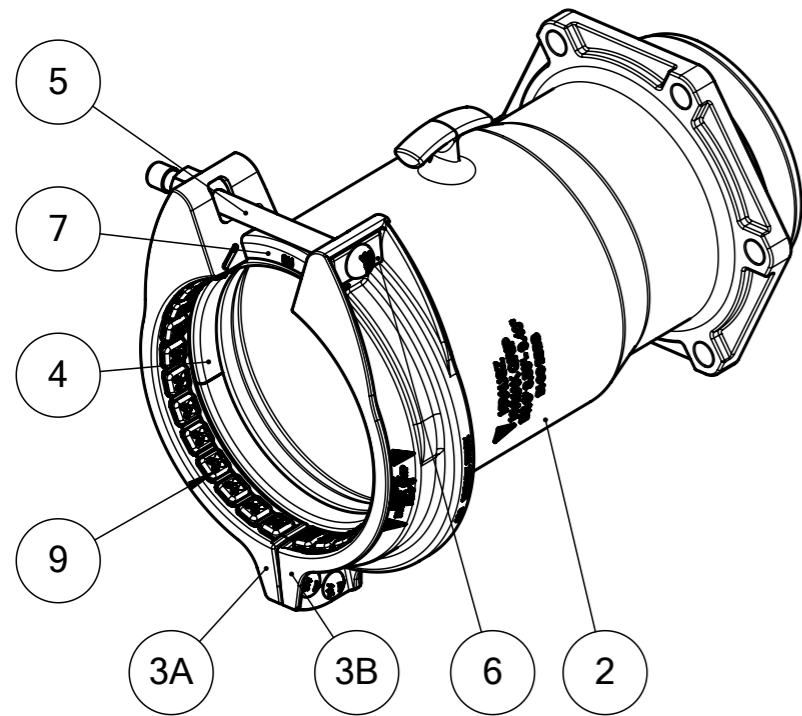
REV.	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
F1	Adding data		Galina E.	Tzah G.	19/08/2019

SECTION A-A



Material information:

- 1) HYMAX GRIP meets and exceeds standards: AWWA C219, NSF-61 and NSF-372.
- 2) Body - Ductile iron casting ASTM A536 grade 65-45-12. MJ adaptor compatible with: ANSI / AWWA C111 / A21.11-12.
- 3) End Rings 3" - Couple of parts( A-part and B-part). made of Cast Steel ASTM A216 WCB.
- 4) End Rings 4"-12" - Couple of parts( A-part and B-part). made of Ductile iron casting ASTM A536 grade 60-40-18.
- 5) Gaskets - EPDM compounded for water and sewerage, meets international standards for contact with drinking water. Working Temperature: for continuous operations: -20 °F up to +180 °F. for short time operations: up to +215 °F.
- 6) Bolts, Nuts and Washers - AISI 304 stainless steel. Rolled thread and anti galling coating.
- 7) Spherical spacers - AISI 304 stainless steel.
- 8) Bridge - AISI 304 stainless steel.
- 9) Gripping Teeth : 3" -Fe2Ni, hardened and coated with Zinc-Nickel TL 244 Ofl-r673. 4"-12" - AISI420, hardened and coated with Zinc Flake System.
- 10) Coating - 100% Fusion bonded epoxy for enhanced corrosion protection. Average thickness 14 Mil. Working Temperature: above ground applications: up to +125 °F. under ground applications: up to +150 °F.



**NOT FOR PRODUCTION**

Krausz Part Number	ND (inch)	Overall Range (inch)	Befor removal the inner layer (inch)	After removal the inner layer (inch)	DMJ (inch)	L (inch)	D (inch)	H (inch)	G Max (inch)	Bolts Qty.-Size d (inch)	Torque (ft-lbs)	Approx Weight (Lb)
791-56-03080-16	3	3.15-4.17	3.15-3.74	3.70-4.17	7.61	21.65	6.93	9.06	5.7	1 - M14	50	29.17
791-56-04111-16	4	4.40-5.10	X	X	9.22	21.65	8.7	10.6	7.5	1 - 5/8"	90	39.1
791-56-06165-16	6	6.50-7.20	X	X	11.12	21.65	10.9	12.9	8.2	1 - 5/8"	110	54.5
791-56-08216-16	8	8.50-9.40	X	X	13.36	21.65	13.8	15.7	6.2	1 - 3/4"	200	79.3
791-56-10270-16	10	10.65-11.55	X	X	15.61	21.65	16.2	18.2	6.3	1 - 3/4"	200	99.74
791-56-12322-16	12	12.68-13.39	X	X	17.88	21.65	17.4	19.8	7.5	1 - 3/4"	200	114.57

Product performance	
Dynamic deflection	up to 4°
G - Min. pipe Insertion	3.6"
G - Max. pipe Insertion	see table*
Maximum offset for misaligned pipe	0.12"
Maximum out of roundness	0.16"
MAX ΔT for HDPE pipes SDR9	see table*
Working Pressure (for HDPE pipes see table*)	232 PSI
Rated Pressure (for HDPE pipes see table*)	350 PSI
Vacuum Test	12 PSI



*HDPE Pipe IPS+DIS			
ND (inch)	Working Pressure (PSI)	Rated Pressure (PSI)	max ΔT for SDR9 (°F)
3	232	350	85
4	232	350	85
6	232	350	85
8	193	290	50
10	163	245	50
12	155	232	35

Weight: See Table		Part Name: HYMAX GRIP Cut-in-Sleeve MJ 3"-12"		Scale
Design	Date: 02.08.2018	Name: Ryvzh	Catalog No. SD791-56-01	DO NOT SCALE DRAWING
Check	09/10/2018	Galina E.	Drawing No. SD791-56-01	
Appr.	09/10/2018	Tzah Gr.		Sheet 1 of 1
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