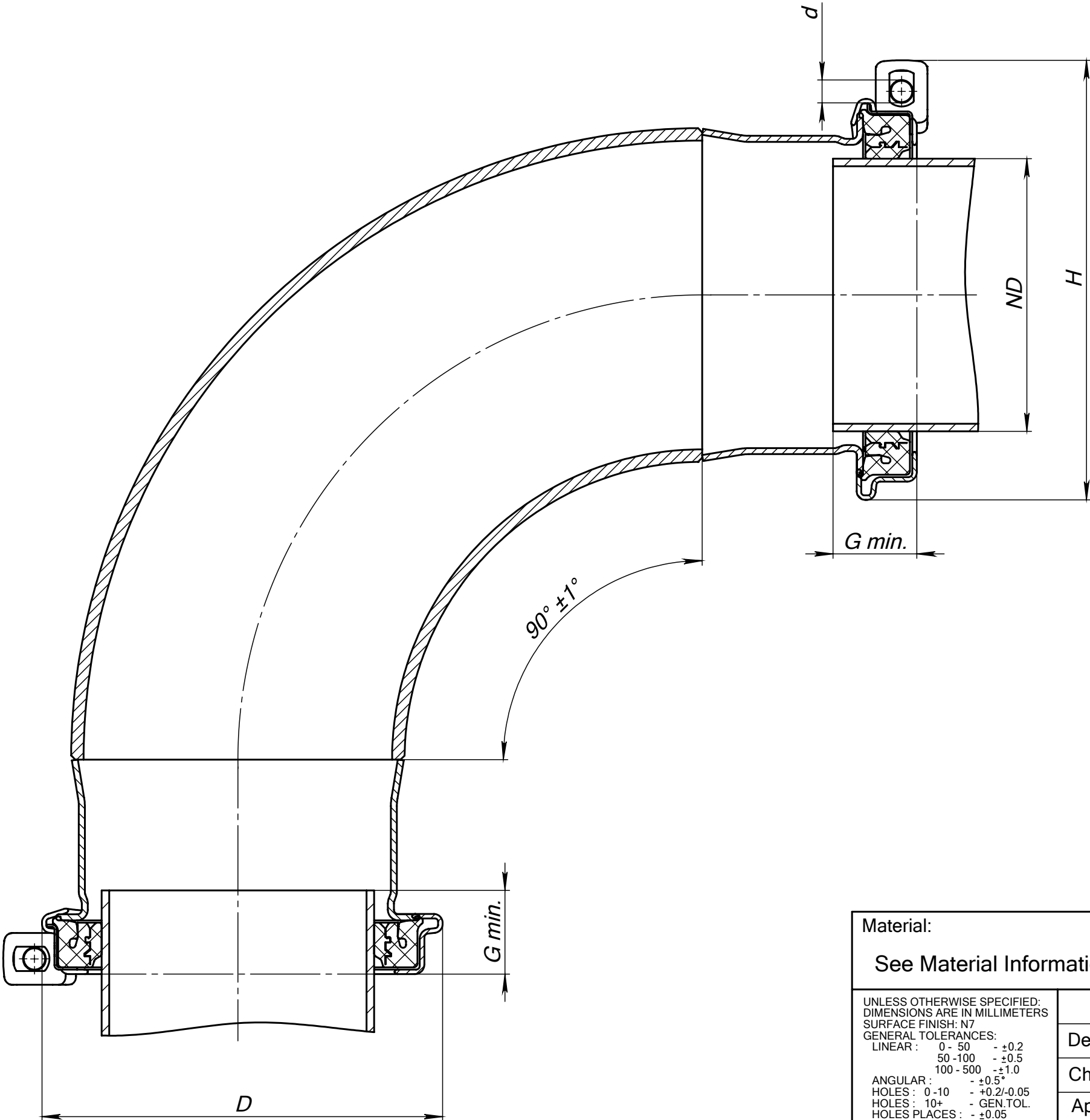




REVISIONS					
REV	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
B	Adding products	PRR00037	Galina E.	Tzah Gr.	19/07/2018



Material:  See Material Information		Weight:  see table		Part Name:  HYMAX 2 2"-12" ELBOW 90 FLIP EPDM		Scale  -	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: N7 GENERAL TOLERANCES: LINEAR :   0 - 50   - ±0.2 50 -100   - ±0.5 100 -500   - ±1.0 ANGULAR :   - ±0.5° HOLES :   0-10   - ±0.2/-0.05 HOLES : 10+   - GEN.TOL. HOLES PLACES : - ±0.05			Date	Name	Catalog No.  SD869-54-02	DO NOT SCALE DRAWING	
		Design	18/06/2017	Galina E.	Drawing No.  SD869-54-02		
		Check	18/06/2017	Galina E.			
		Appr.	18/06/2017	Tzah Gr.			
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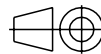
REVISIONS					
REV	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
B	Adding products	PRR00037	Galina E.	Tzah Gr.	19/07/2018

Krausz Part Number	ND (inch)	Overall Range (inch)	Range Before Flipping Gasket (inch)	Range After Flipping Gasket (inch)	D (inch)	H (inch)	Bolts Qty.-Size d (mm)	Torque (Ft-Lbs)	Approx. Weight (Lbs)
869-54-90054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	Ø5.2	5.7	2 -M12	50	11
869-54-90088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	Ø6.7	7.1	2 -M12	50	17.5
869-54-90108-16	4	4.25-5.63	4.25-5.00	4.92-5.63	Ø8.7	9.3	2 -M14	75	35
869-54-90130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	Ø9.5	10.0	2 -M14	75	65
869-54-90163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	Ø10.8	11.3	2 -M14	75	92
869-54-90190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	Ø11.7	12.2	2 -M14	75	95
869-54-90217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	Ø12.9	13.1	2 -M14	75	99
869-54-90272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	Ø15.0	15.6	2 -M14	75	130
869-54-90278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	Ø15.3	15.8	2 -M14	75	142
869-54-90315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	Ø16.6	17.5	2 -M14	80	199
869-54-90334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	Ø17.3	18.1	2 -M14	80	247.5

Material information:

- Hymax meets and exceeds standards:  
AWWA C219, NSF-61 and NSF-372.
- Center Ring - ASTM A 53 Grade A steel.
- End Rings - ASTM A 283 / A 283M Grade C Steel.
- 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.
- Bolts and Nuts - AISI 304 stainless steel.  
Rolled thread and anti galling coating.
- Bridge - AISI 304 stainless steel.
- Spherical spacers - AISI 304 stainless steel.
- 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.

Product performance		
Dynamic deflection per side		up to 4°
G - Min. pipe Insertion		2.25"
Maximum out of roundness	ND 2"-3"	0.2"
	ND 4"-12"	0.31"
Working Pressure		260 PSI
Rated Pressure		390 PSI
Vacuum Test		12 PSI

Material:  See Material Information		Weight:  see table		Part Name:  HYMAX 2 2"-12" ELBOW 90 FLIP EPDM		Scale  -
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	Design	18/06/2017	Galina E.	Drawing No.  SD869-54-02	Sheet  2 of 2	
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