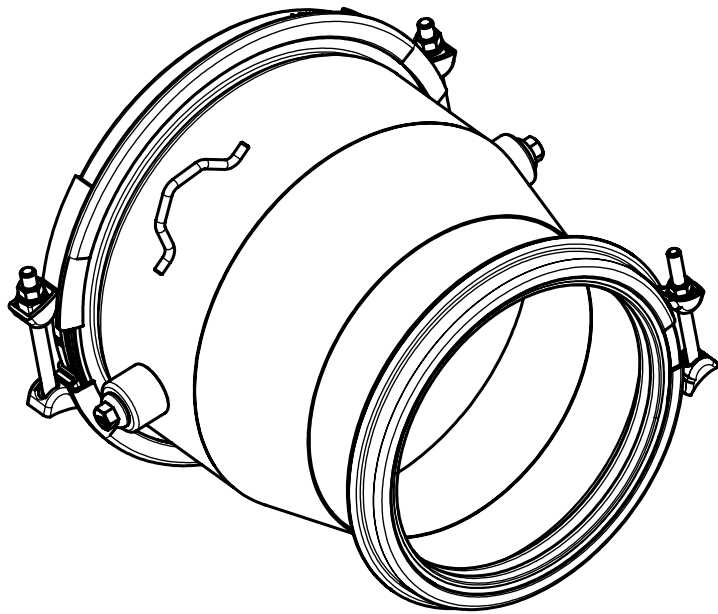
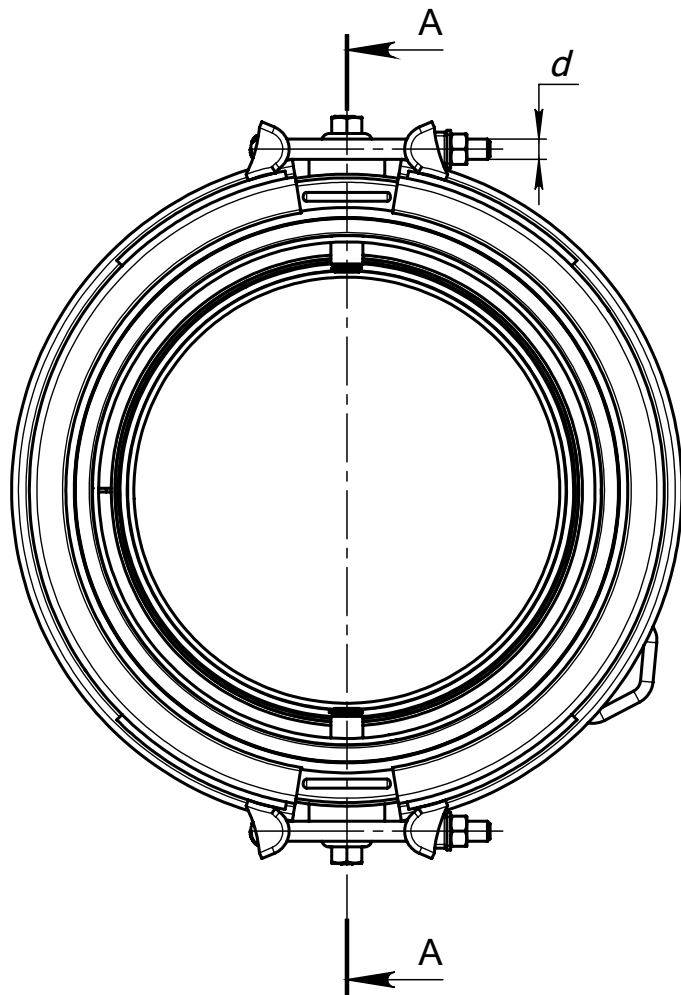
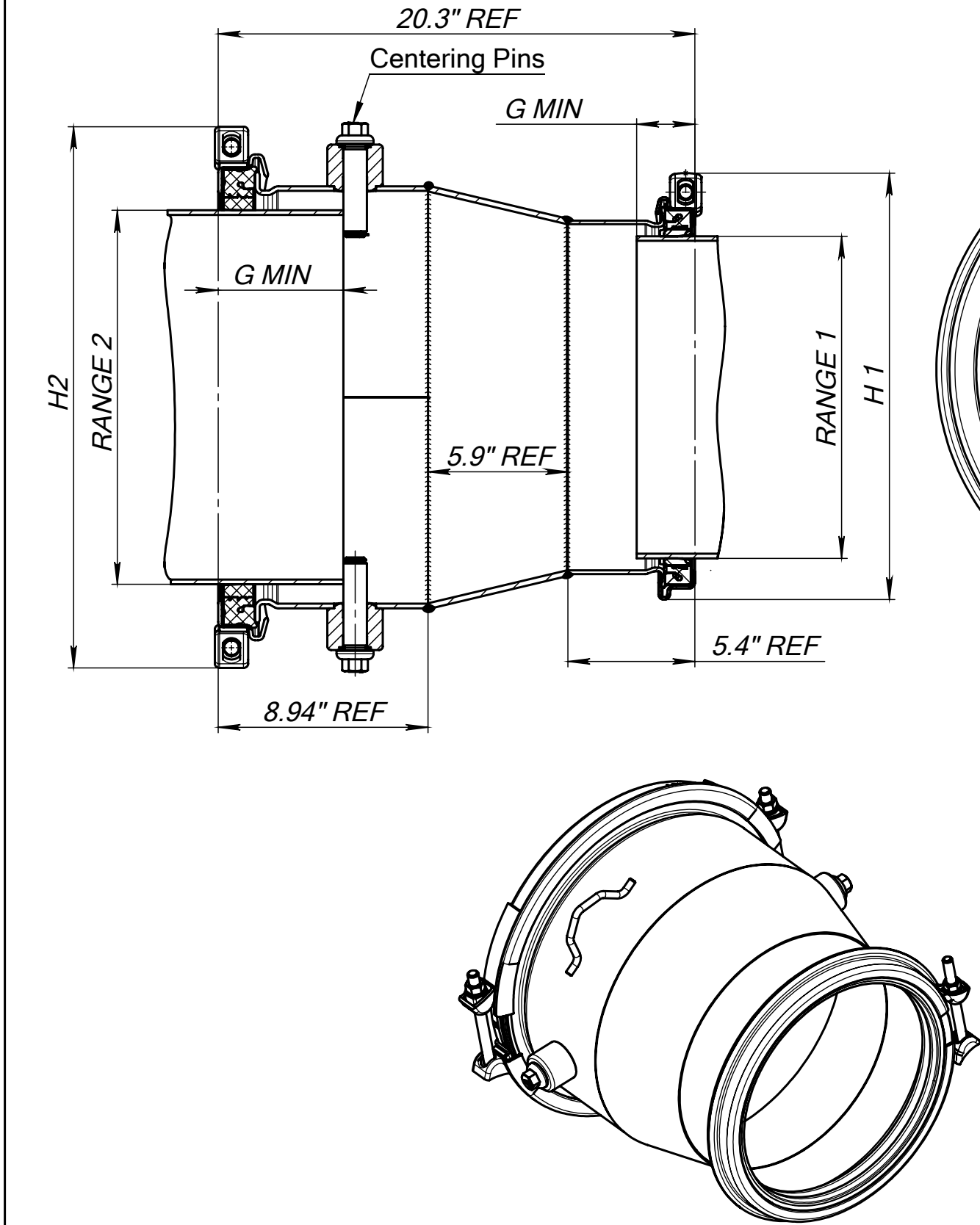


Krausz Part Number	ND	Overall Range 1 (inch)	Before removal the inner layer 1	After removal the inner layer 1	H 1 (inch)	Overall Range 2 (inch)	Before removal the inner layer 2	After removal the inner layer 2	H 2 (inch)	Bolts Qty.-Size d (mm)	Torque Side 1 (Ft-Lbs)	Torque Side 2 (Ft-Lbs)	Approx. Weight (Lbs)
861560315035316	12" x 14"	12.40-13.66	12.40-13.03	12.99-13.66	17.5	13.90-16.00	13.90-15.00	14.92-16.00	23.2	1-M14 2-M16	65	150	90
861560315037816	12" x 14"	12.40-13.66	12.40-13.03	12.99-13.66	17.5	15.00-17.10	15.00-16.10	16.02-17.10	23.2	1-M14 2-M16	65	150	100
861560334037816	12" x 14"	13.15-14.41	13.15-13.78	13.74-14.41	18.1	15.00-17.10	15.00-16.10	16.02-17.10	23.2	1-M14 2-M16	65	150	100





RELEASED

REVISIONS					
REV.	DESCRIPTION	ECO	DRAWN	APPROVED	DATE
O	Change material information	20000145	Noam S.	Tzah Gr.	27/10/2020

- Material information:**
- 1) HYMAX conforms with or exceeds requirements of standards: NSF-61 and NSF-372.
  - 2) Center Ring:
    - 12" - ASTM A 53 Grade A steel.
    - 14" - ASTM A 283 / A 283M Grade C Steel.
  - 3) End Rings:
    - 12" - ASTM A 283 / A 283M Grade C Steel.
    - 14" - ASTM A 283 / A 283M Grade C Steel (or Ductile Iron Casting ASTM A536 grade 65-45-12)
  - 4) Gaskets - EPDM compounded for water and sewerage in accordance with ASTM D2000 Working Temperature:
    - for continuous operations: -20°F up to +180°F.
    - for short time operations: up to +215°F.
  - 5) Bolts and Nuts - AISI 304 stainless steel. Rolled thread and anti galling coating.
  - 6) Bridge - AISI 304 stainless steel.
  - 7) Spherical spacers - AISI 304 stainless steel.
  - 8) 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	4.0"
Maximum offset for misaligned	0.51"
Maximum out of roundness	0.31"
Working Pressure	260 PSI
Rated Pressure	390 PSI
Vacuum Test	12 PSI

Weight:  see table			Part Name:  HYMAX REDUCER 12"-14"		Scale
	Date	Name	Catalog No.  SD861-56-02		DO NOT SCALE DRAWING
Design	27.10.19	Galina E.			
Check	13.08.2013	Galina E.	Drawing No.  SD861-56-02		Sheet
Appr.	13.08.2013	Tzah Gr.			1 of 1
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