



## HYMAX GRIP® END CAP<sup>1</sup> (DN40 - DN300)

### PRODUCT SPECIFICATIONS

### FEATURES

- CAPS A WIDE RANGE OF PIPING TYPES AND DIAMETERS
- UNIQUE RADIAL GRIPPING SYSTEM PREVENTS PIPE MOTION
- UNIVERSAL GRIPPING TEETH FIT METAL AND PLASTIC PIPES
- READY TO USE, STAB-FIT DESIGN
- ALLOWS 4° DYNAMIC DEFLECTION, REDUCING FUTURE DAMAGE
- DURABLE DUCTILE IRON BODY
- PATENTED PROGRESSIVE PRESSURE-ASSISTED GASKET WITH 2-STAGE SEALING

### SPECIFICATIONS<sup>2</sup>

#### STANDARDS<sup>3</sup>

ALL PRODUCTS MEET OR EXCEED STANDARDS NSF-61 AND NSF-372.  
PRODUCTS WERE APPROVED BY 3RD PARTY ILAC LAB ACCORDING TO EN 14525.

#### SIZE

AVAILABLE IN NOMINAL DIAMETER SIZES 40mm – 300mm.

#### RANGES

26mm - 28mm: NOMINAL DIAMETERS 40mm – 100mm.  
32mm: NOMINAL DIAMETERS 125mm – 175mm.  
50mm: NOMINAL DIAMETERS 175mm – 300mm.

### MATERIALS

#### END RINGS

DN40-DN80: CAST STEEL ASTM A216 WCB.  
DN100-DN300: DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.

#### END CAP BODY

DN40-DN300: DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.  
PRODUCT SIZES DN80-DN300 WITH T-HANDLE.  
PRODUCT SIZES DN40-DN65 WITH ONE 2G BSP OUTLET.  
PRODUCT SIZES DN80-DN300 WITH TWO 2G BSP OUTLETS.

#### GASKET

EPDM COMPOUNDED FOR WATER AND SEWERAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER: NSF-61, KTW-UBA ELASTOMER GUIDELINE, W270, XP P 41-250, AS/NZS 4020, AND BS 6920. MEETS DIN EN 681-1 FOR WATER AND DRAINAGE APPLICATIONS.

#### GRIP CHAIN

SIZE	DN40-DN80	DN100-DN175	DN175-DN300
MATERIAL	FN-0405 (Fe4Ni05Mo)	AISI-420 2B	AISI-420

#### BRIDGE

AISI 304/316 STAINLESS STEEL.

#### SPHERICAL SPACERS

AISI 304/316 STAINLESS STEEL.

<sup>1</sup> The product is protected by various patents registered in various countries.

<sup>2</sup> For details about Made to Order (MTO) products please contact your KRAUSZ distributor.

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

COATING	100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION. AVERAGE THICKNESS 250 MICRON. MEETS NSF-61, BS 6920, W270, ONORM B 5014-1, XP P 41-250, AS/NZS 4020, AND UBA-COATINGS GUIDELINE.
NUTS AND BOLTS	AISI 304/316 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.

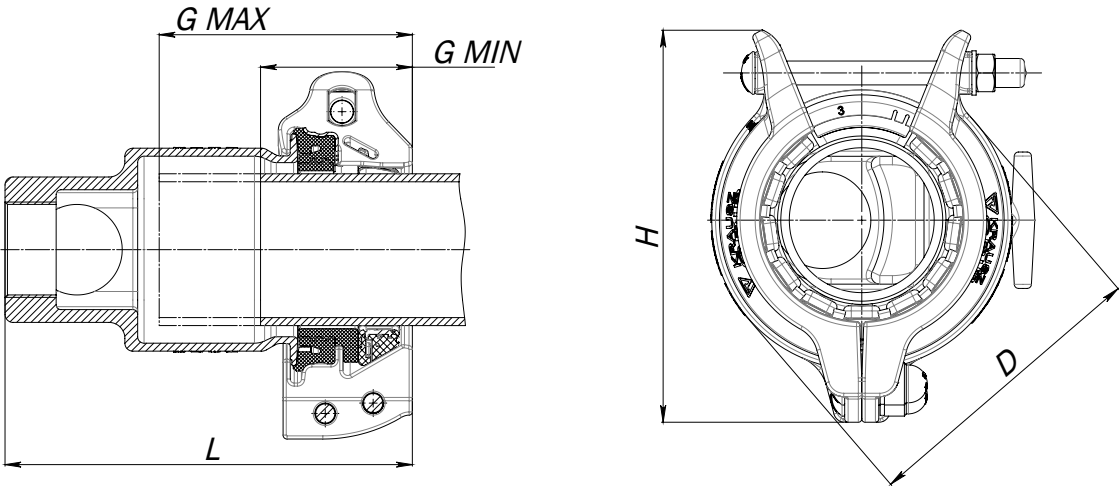
PRODUCT PERFORMANCE

WORKING TEMPERATURE	EPDM GASKET		EPOXY COATING	
	CONTINUOUS OPERATION   -30°C UP TO +85°C		ABOVE GROUND APPLICATIONS   UP TO +50°C	
	SHORT TIME OPERATION   -30°C UP TO +100°C		BELOW GROUND APPLICATIONS   UP TO +65°C	
DYNAMIC DEFLECTION	UP TO 4°			
MIN. PIPE INSERTION	RANGE	≤ 32mm   50mm		
	MIN. PIPE INSERTION	95mm   125mm		
MAXIMUM OUT OF ROUNDNESS	RANGE	≤ 32mm		50mm
	NOMINAL DIAMETER	≤80mm	100-175mm	≥175mm
	OUT OF ROUNDNESS	3mm	4mm	5mm
WORKING PRESSURE	16 BAR <sup>1</sup>			
RATED PRESSURE	24 BAR <sup>2</sup>			
VACUUM TEST	0.8 BAR			

<sup>1</sup> For DN300 50mm range, 10 BAR for above ground application for working pressure, 15 BAR for rated pressure.  
<sup>2</sup> For DN 100-300, 29 BAR for steel/DI pipes and 24 BAR for HDPE/PVC pipes.

PRODUCT TABLES

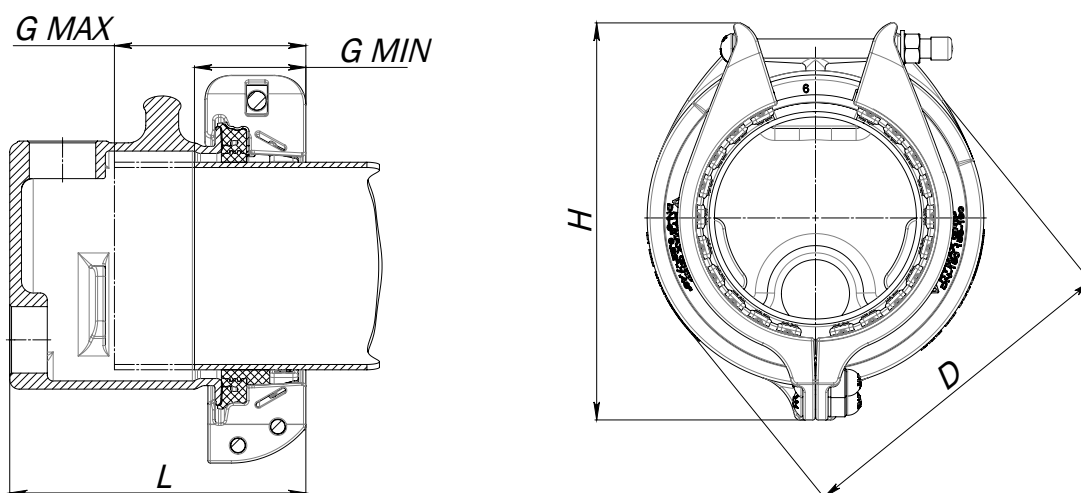
HYMAX GRIP END CAP NOMINAL SIZES DN40-DN80



Krausz Part Number	DN	Overall Range (mm)	Before Removal of Inner Layer (mm)	After Removal of Inner Layer (mm)	L (mm)	H (mm)	D (mm)	G-Max Stab Depth (mm)	Bolts Qty. -Size	Torque (Nm)	Approx Weight (kg)
867-827-015039-16	40-50	39-67	39-56	55-67	172	190	136	120	1-M14	65	4.77
867-827-025059-16	65	59-87	59-76	75-87	211	205	157	145	1-M14	65	6.96
867-827-030080-16	80	80-106	80-95	94-106	254	230	176	160	1-M14	65	8.94

# PRODUCT TABLES

## HYMAX GRIP END CAP NOMINAL SIZES DN100-DN175

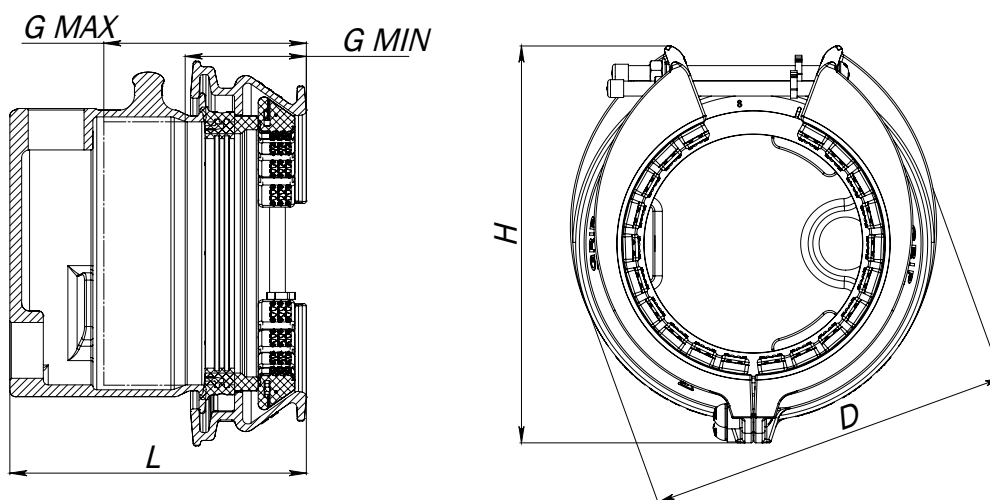


X=5 -> 304 STAINLESS STEEL

X =7 -> 316 STAINLESS STEEL

Krausz Part Number	DN	Overall Range (mm)	Before Removal of Inner Layer (mm)	After Removal of Inner Layer (mm)	L (mm)	H (mm)	D (mm)	G-Max Stab Depth (mm)	Bolts Qty. -Size	Torque (Nm)	Approx Weight (kg)
867-82X-04104-16	100	104-130	104-118	117-130	251	249	199	160	1-M16	100	10
867-82X-05130-16	125	130-162	130-146	145-162	253	299	253	130	1-M16	110	16
867-82X-06158-16	150	158-190	158-174	173-190	253	330	280	130	1-M16	130	17.1
867-82X-07198-16	175-200	198-230	198-214	213-230	253	375	324	130	1-M16	130	20.7

## HYMAX GRIP END CAP NOMINAL SIZES DN175-DN300



Krausz Part Number	DN	Overall Range (mm)	Before Removal of Inner Layer (mm)	After Removal of Inner Layer (mm)	L (mm)	H (mm)	D (mm)	G-Max Stab Depth (mm)	Bolts Qty. -Size	Torque (Nm)	Approx Weight (kg)
867-82X-07190-16	175	190-240	190-215	214-240	300	398	366	200	2-M16	120	33.5
867-82X-08214-16	200	214-264	214-239	238-264	301	424	390	200	2-M16	140	38.4
867-82X-10266-16	250	266-316	266-291	290-316	302	480	442	200	2-M16	140	46.5
867-82X-12312-16	300	312-362	312-337	336-362	302	525	489	200	2-M16	180	53.3

Discover the Right Coupling for  
your Repair and Installation Needs.  
Scan the QR Code to Get Started



*For more information about us, or to view our full line of products, please visit [www.krausz.com](http://www.krausz.com)*

*or call Customer Service at Tel: +972 (0)3 5154000 Fax: +972 (0)3 5183293 [infokrausz@muellerwp.com](mailto:infokrausz@muellerwp.com). 1 Harav Mantzura Str. Rosh Haayin, Israel 4850001*

Mueller refers to one or more of Mueller Water Products, Inc. a Delaware corporation ("MWP"), and its subsidiaries. MWP and each of its subsidiaries are legally separate and independent entities when providing products and services. MWP does not provide products or services to third parties. MWP and each of its subsidiaries are liable only for their own acts and omissions and not those of each other. MWP brands include Mueller®, Echologics®, Hydro Gate®, Hydro-Guard®, HYMAX®, i2O®, Jones®, Krausz®, Mi.Net®, Milliken®, Pratt®, Pratt Industrial®, Sentryx™, Singer®, and U.S. Pipe Valve & Hydrant. Please see [muellerwp.com/brands](http://muellerwp.com/brands) and [krausz.com](http://krausz.com) to learn more.

© 2024 Mueller Co., LLC. All Rights Reserved. The trademarks, logos and service marks displayed in this document are the property of Mueller Co., LLC., its affiliates or other third parties. Products above marked with a section symbol (§) are subject to patents or patent applications. For details, visit [www.mwppat.com](http://www.mwppat.com). These products are intended for use in potable water applications. Please contact your HYMAX Sales or Customer Service Representative concerning any other application(s).

PS0025 REV 10/2024

