



HYMAX[®]

FLANGE ADAPTOR AND HYMAX
LONG BODY FLANGE ADAPTOR
(1.5"-60")



PRODUCT SPECIFICATIONS

FEATURES

- USING THE GAME-CHANGING HYMAX TECHNOLOGY, PROVEN IN OVER 1M INSTALLATIONS IN THE US
- SUITABLE FOR ALL TYPES OF PIPES - DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC, GRP
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION, REDUCING FUTURE PIPE DAMAGE

SPECIFICATIONS

STANDARDS

HYMAX[®] FLANGE ADAPTOR AND LONG BODY FLANGE ADAPTOR MEET OR EXCEED REQUIREMENTS OF STANDARDS: AWWA C219, NSF-61 AND NSF-372.

SIZE/LENGTH

AVAILABLE IN NOMINAL DIAMETER FROM 1.5" - 24" STANDARD.
26"-60" MTO (MADE TO ORDER). CONTACT KRAUSZ FOR DETAILS.

MATERIALS

FLANGED BODY

1.5"-12" ASTM A53 GRADE A STEEL.
14"-60" ASTM A283 / A283M GRADE C STEEL.

FLANGE

1.5"-2" OVAL FLANGE FOR FLOW METER.
3" MEETS ANSI B16.5.
4"-24" MEETS AWWA CLASS D.
26"-60" CONTACT KRAUSZ FOR DETAILS.

END RINGS

1.5" - 12" ASTM A283 / A283M GRADE C STEEL.
14" - 16" ASTM A283 / A283M GRADE C STEEL.
(OR DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18).
18"-60" ASTM A283 / A283M GRADE C STEEL.

SPHERICAL SPACERS

AISI 304L STAINLESS STEEL.

GASKET

EPDM COMPOUNDED FOR WATER AND SEWERAGE,
MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.

BRIDGE

AISI 304 STAINLESS STEEL.

COATING

100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION.
NOMINAL THICKNESS 14 MIL.

NUTS AND BOLTS

AISI 304 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.



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PRODUCT SPECIFICATIONS

PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE	-20°F UP TO +125°F			
DYNAMIC DEFLECTION	UP TO 4°			
MIN. PIPE INSERTION	1.5"-12" 2.25"	14"- 60" 4"		
MAXIMUM OFFSET FOR MISALIGNED PIPE	1.5"- 3" 0.2"	4"- 60" 0.24"		
MAXIMUM OUT OF ROUNDNESS	1.5" 0.08"	2"- 3" 0.20"	4"- 12" 0.31"	14"- 60" 0.51"
WORKING PRESSURE	1.5"-24": 175 PSI (26"- 60": CONTACT KRAUSZ FOR DETAILS)			
RATED PRESSURE	1.5"-24": 262 PSI (26"- 60": CONTACT KRAUSZ FOR DETAILS)			
VACUUM TEST	12 PSI			

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

PRODUCT TABLES

HYMAX FLANGE ADAPTOR NOMINAL SIZE 1.5"-2"

Krausz Part Number	Nominal Diameter (inch)	Flange	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolts Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
874-56-01004112	1.5"	1.5"	1.61-2.13	1.61-1.97	1.96-2.13	1 -M12	35	175	262	7
874-56-02005412	2"	2"	2.10-3.03	2.10-2.60	2.56-3.03	1-M12	50	175	262	8

HYMAX FLANGE ADAPTOR NOMINAL SIZE 3"-12"

Krausz Part Number	Nominal Diameter (inch)	Flange	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolts Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
874-56-03008812	3"	3"	3.46-4.33	3.46-3.90	3.86-4.33	1 -M12	50	175	262	12
874-56-04010812	4"	4"	4.25-5.63	4.25-5.00	4.92-5.63	1 -M14	65	175	262	14
874-56-05013012	5"	5"	5.12-6.38	5.12-5.75	5.71-6.38	1 -M14	65	175	262	21
874-56-06013012	5"	6"	5.12-6.38	5.12-5.75	5.71-6.38	1 -M14	65	175	262	22
874-56-06016312	6"	6"	6.42-7.68	6.42-7.05	7.01-7.68	1 -M14	65	175	262	23
874-56-08019012	7"	8"	7.48-8.74	7.48-8.11	8.07-8.74	1 -M14	65	175	262	31
874-56-08021712	8"	8"	8.54-9.84	8.54-9.17	9.13-9.84	1 -M14	65	175	262	32
874-56-10027212	10"	10"	10.70-12.00	10.70-11.37	11.33-12.00	1 -M14	65	175	262	38
874-56-10027812	10"	10"	10.96-12.26	10.96-11.63	11.59-12.26	1 -M14	65	175	262	41
874-56-12031512	12"	12"	12.40-13.66	12.40-13.03	12.99-13.66	1 -M14	65	175	262	52
874-56-12033412	12"	12"	13.15-14.41	13.15-13.78	13.74-14.41	1 -M14	65	175	262	57

HYMAX FLANGE ADAPTOR NOMINAL SIZE 14"-24"

Krausz Part Number	Nominal Diameter (inch)	Flange	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolts Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
874-56-14037812	14"	14"	15.00-17.10	15.00-16.10	16.02-17.10	2 -M16	150	175	262	115
874-56-16043412	16"	16"	17.10-19.20	17.10-18.19	18.11-19.20	2 -M16	150	175	262	125
874-56-18048812	18"	18"	19.20-21.30	19.20-20.29	20.21-21.30	2 -M16	150	175	262	135
874-56-20054012	20"	20"	21.25-23.35	21.25-22.35	22.27-23.35	2 -M16	150	175	262	155
874-56-24060612	24"	24"	23.85-25.95	23.85-24.96	24.88-25.95	2 -M16	150	175	262	184
874-56-24062412	24"	24"	24.60-26.70	24.60-25.67	25.59-26.70	2 -M16	150	175	262	187

HYMAX FLANGE ADAPTOR NOMINAL SIZE 26"-60"

26"-60" - MTO (MADE TO ORDER) IS AVAILABLE

PRODUCT TABLES

HYMAX FLANGE ADAPTOR LONG BODY NOMINAL SIZE 1.5"-12"

Krausz Part Number	Nominal Diameter (inch)	Flange	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolts Num. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
974-56-01004112	1.5"	1.5"	1.61-2.13	1.61-1.97	1.96-2.13	1 -M12	35	175	262	9
974-56-02005412	2"	2"	2.10-3.03	2.10-2.60	2.56-3.03	1 -M12	50	175	262	10
974-56-03008812	3"	3"	3.46-4.33	3.46-3.90	3.86-4.33	1 -M12	50	175	262	16
974-56-04010812	4"	4"	4.25-5.63	4.25-5.00	4.92-5.63	1 -M14	65	175	262	23
974-56-05013012	5"	5"	5.12-6.38	5.12-5.75	5.71-6.38	1 -M14	65	175	262	30
974-56-06013012	5"	6"	5.12-6.38	5.12-5.75	5.71-6.38	1 -M14	65	175	262	33
974-56-06016312	6"	6"	6.42-7.68	6.42-7.05	7.01-7.68	1 -M14	65	175	262	36
974-56-08019012	7"	8"	7.48-8.74	7.48-8.11	8.07-8.74	1 -M14	65	175	262	42
974-56-08021712	8"	8"	8.54-9.84	8.54-9.17	9.13-9.84	1 -M14	65	175	262	49
974-56-10027212	10"	10"	10.70-12.00	10.70-11.37	11.33-12.00	1 -M14	65	175	262	56
974-56-10027812	10"	10"	10.96-12.26	10.96-11.63	11.59-12.26	1 -M14	65	175	262	60
974-56-12031512	12"	12"	12.40-13.66	12.40-13.03	12.99-13.66	1 -M14	65	175	262	61
974-56-12033412	12"	12"	13.15-14.41	13.15-13.78	13.74-14.41	1 -M14	65	175	262	63

HYMAX FLANGE ADAPTOR LONG BODY NOMINAL SIZE 14"-24"

Krausz Part Number	Nominal Diameter (inch)	Flange	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolts Num. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
974-56-14037812	14"	14"	15.00-17.10	15.00-16.10	16.02-17.10	2 -M16	150	175	262	117
974-56-16043412	16"	16"	17.10-19.20	17.10-18.19	18.11-19.20	2 -M16	150	175	262	133
974-56-18048812	18"	18"	19.20-21.30	19.20-20.29	20.21-21.30	2 -M16	150	175	262	142
974-56-20054012	20"	20"	21.25-23.35	21.25-22.35	22.27-23.35	2 -M16	150	175	262	151
974-56-24060612	24"	24"	23.85-25.95	23.85-24.96	24.88-25.95	2 -M16	150	175	262	168
974-56-24062412	24"	24"	24.60-26.70	24.60-25.67	25.59-26.70	2 -M16	150	175	262	173

HYMAX FLANGE ADAPTOR LONG BODY NOMINAL SIZE 26"-60"

26"-60" - MTO (MADE TO ORDER) IS AVAILABLE

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