

DATE: 2/03/2017

INVITATION TO BID  
THIS IS NOT AN ORDER

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BID NO.: 50-00118833

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: CGASPER

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work is to be done in a workman-like manner, according to standard practices. Any deviations or alterations from the specifications must be indicated and backup documentation supplied with your quotation.

<b>DELIVERY: FOB JEFFERSON PARISH</b>	<i>4 STOCK - 3-4 DAYS</i>
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<i>8 BALANCE - 8-10 WKS</i>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	_____
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	_____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_  
NUMBER: \_\_\_\_\_  
NUMBER: \_\_\_\_\_  
NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

<b>*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***</b>	
FIRM NAME: <i>CMSCO</i>	
SIGNATURE: <i>[Signature]</i> (Must be signed here)	TITLE: <i>SAGES</i>
PRINT OR TYPE NAME: <i>JOE DEVLINOR</i>	
ADDRESS: <i>1840 LTA RD</i>	
CITY, STATE: <i>METairie, LA</i>	ZIP: <i>70001</i>
TELEPHONE: <i>(504) 835-7349</i>	FAX: <i>(504) 832-0820</i>
EMAIL ADDRESS: <i>Joe@cmscobl.com</i>	

TOTAL PRICE OF ALL BID ITEMS: \$ *18348*

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00118833

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	12.00	EA	<p>COUPLING, REDUCING 14 IN. X 12 IN., HYMAX #2000</p> <p>0010 COUPLING, REDUCING, 14 IN X 12 IN, LARGE O.D. RANGE 13.90 - 16.00, SMALL O.D. RANGE 12.40 - 13.66, EPOXY COATED, TWO STAINLESS STEEL BOLTS AND NUTS, DOMESTIC, HYMAX #2000 SK# 00-0181560</p> <p><i>86-1560315035316</i></p>	<p><i>1529<sup>00</sup></i></p>	<p><i>18348<sup>00</sup></i></p>



# HYMAX REDUCER

(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
- JOINS PIPES OF DIFFERENT SIZES
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION ON EACH END, REDUCING FUTURE PIPE DAMAGE
- ONE PRODUCT CAN CONNECT PIPES OF TWO DIFFERENT MATERIALS

### SPECIFICATIONS

#### STANDARDS

HYMAX® REDUCER MEETS OR EXCEEDS STANDARDS AWWA C-219, NSF 61, NSF 372.

#### SIZE

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

#### MATERIALS

##### END RINGS

1.5"-12" - ASTM A283 / A 283M GRADE C STEEL.  
14" - 16" - ASTM A283 / A 283M GRADE C STEEL.  
(OR DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18)  
18" - 60" - ASTM A283 / A283M GRADE C STEEL.

##### CENTER RING

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

##### GASKETS

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

##### BRIDGE

AISI 304 STAINLESS STEEL.

##### SPHERICAL SPACERS

AISI 304L 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.

## PRODUCT PERFORMANCE (\*)

<b>WORKING TEMPERATURE</b>	-20°F UP TO +125°F			
<b>DYNAMIC DEFLECTION</b>	UP TO 4° PER SIDE			
<b>MIN. PIPE INSERTION</b>	1.5" - 12" 2.25"	14" - 60" 4"		
<b>MAXIMUM OFFSET FOR MISALIGNED PIPE</b>	1.5" - 3" 0.39"	4" - 60" 0.51"		
<b>MAXIMUM OUT OF ROUNDNESS</b>	2"-3" 0.20"	4" - 12" 0.31"	14" - 60" 0.51"	1.5" 0.08"
<b>WORKING PRESSURE</b>	1.5" - 16" 260 PSI	18" - 24" 232 PSI	26" - 60" CALL KRAUSZ FOR DETAILS	
<b>RATED PRESSURE</b>	1.5" - 16" 390 PSI	18" - 24" 350 PSI	26" - 60" CALL KRAUSZ FOR DETAILS	
<b>VACUUM TEST</b>	12 PSI.			

\* SEE SUBMITTAL DRAWINGS FOR DETAILS.

## PRODUCT TABLES

### HYMAX REDUCER NOMINAL SIZES 12"-14"

Krausz Part Number	Nominal Diameter (inch)	Overall Range 1 (inch)	Before removal of the inner layer 1 (inch)	After removal of the inner layer 1 (inch)	Overall Range 2 (inch)	Before removal of the inner layer 2 (inch)	After removal of the inner layer 2 (inch)	Bolts Num. and Size (mm)	Torque Side 1 (Ft-lbs)	Torque Side 2 (Ft-lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (lbs)
861560315035316	12" x 14"	12.40-13.66	12.40-13.03	12.99-13.66	13.90-16.00	13.90-15.00	14.92-16.00	1-M14 2-M16	65	150	260	390	90
861560315037816	12" x 14"	12.40-13.66	12.40-13.03	12.99-13.66	15.00-17.10	15.00-16.10	16.02-17.10	1-M14 2-M16	65	150	260	390	100
861560334037816	12" x 14"	13.15-14.41	13.15-13.78	13.74-14.41	15.00-17.10	15.00-16.10	16.02-17.10	1-M14 2-M16	65	150	260	390	100

### HYMAX REDUCER NOMINAL SIZES 14"-24"

Krausz Part Number	Nominal Diameter (inch)	Overall Range 1 (inch)	Before removal of the inner layer 1 (inch)	After removal of the inner layer 1 (inch)	Overall Range 2 (inch)	Before removal of the inner layer 2 (inch)	After removal of the inner layer 2 (inch)	Bolts Num. and Size (mm)	Torque Side 1 (Ft-lbs)	Torque Side 2 (Ft-lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (lbs)
861560378043416	14" x 16"	15.00-17.10	15.00-16.10	16.02-17.10	17.10-19.20	17.10-18.19	18.11-19.20	4-M16	150	150	260	390	142
861560434048816	16" x 18"	17.10-19.20	17.10-18.19	18.11-19.20	19.20-21.30	19.20-20.29	20.21-21.30	4-M16	150	150	232	350	162
861560488054016	18" x 20"	19.20-21.30	19.20-20.29	20.21-21.30	21.25-23.35	21.25-22.35	22.27-23.35	4-M16	150	150	232	350	172
861560540060616	20" x 24"	21.25-23.35	21.25-22.35	22.27-23.35	23.85-25.95	23.85-24.96	24.88-25.95	4-M16	150	150	232	350	180
861560540062416	20" x 24"	21.25-23.35	21.25-22.35	22.27-23.35	24.60-26.70	24.60-25.67	25.59-26.70	4-M16	150	150	232	350	182

### HYMAX REDUCER NOMINAL SIZES 26"-60"

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