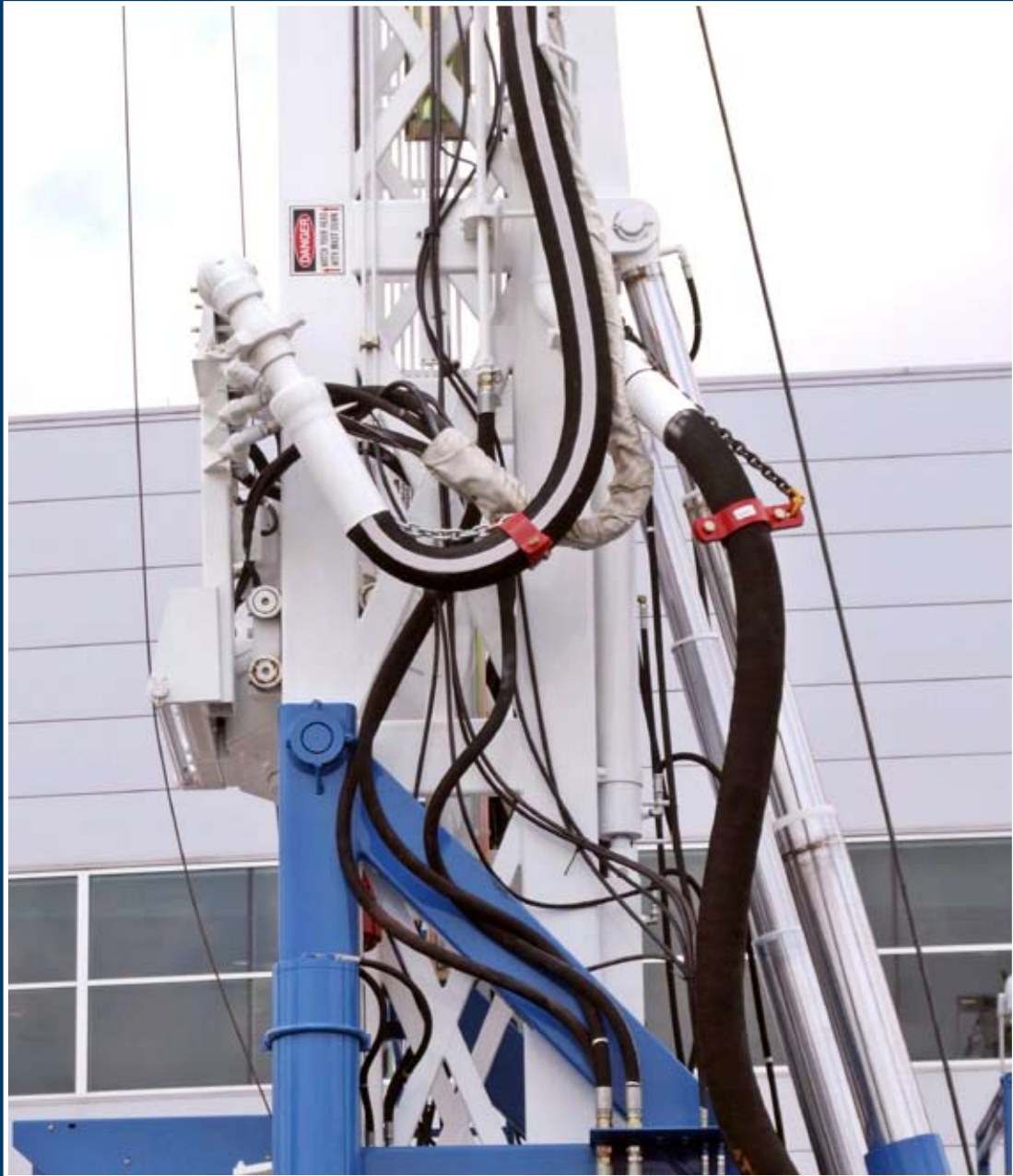




The Right Connection™



Dixon Holedall®
Rotary Hose Coupling Program



In conjunction with the World's leading Rotary/Vibrator Drilling hose manufacturers, Dixon have developed the Holedall® Swaged Rotary Hose Coupling Assembly System. This technology enables both hose manufacturers and distributors alike to produce safe and secure High Pressure Mud/Rotary Hose Assemblies, in a fraction of the time it traditionally takes using built-in couplings.

These couplings are used for both land-based and offshore drilling operations involving down linking, directional drilling, negative pressure pulses etc. which occur in today's advanced drilling technologies.

Testing

Dixon Holedall® Rotary Couplings have been fully tested and certified by DNV in Hose Assemblies which comply with API 7K fourth edition Addendum 2 (April 2006).

Qualification testing and additional testing includes:

- Deformation Test under Pressure
- Ambient Temperature Bending Test
- Low Temperature Bending Test
- Low Frequency Pulsation Test @ 100°C
- End Pull Test
- Hydrostatic Test
- Burst Test



Rotary Hose after Burst Test

Rotary Couplings

Dixon Holedall® Rotary Hose Couplings are available in API Line Pipe Thread and Butt Weld end terminations in nominal bore sizes 2½", 3", 3½" & 4" grades C, D & E, and are available to suit most Rotary Hose manufacture's hose. Couplings are also available with threads to suit Russian Gost Standard 6211-81. Other end terminations are available; e.g. Hammer Lug Unions, Flanges, Hubs etc.

Two different classes of coupling are available: 'API 7K' and 'Standard'.

All 'API 7K' couplings, are identified by a unique serial number, have low stress stamped on the coupling and are supplied

with a full certification dossier which includes Material, NDE and Welding Certification in accordance with ASME IX.

'Standard' Couplings are supplied with material certification only.

Couplings are currently stocked in Houston, Texas USA, Chestertown, Maryland USA and Preston, England.



Section Coupling Assembly

A selection of the most popular coupling part numbers appears on the following page.

Swaging Machines - 350 Ton



Dixon-Holedall® T-350 Swaging Machine

To complement the Dixon-Holedall® Rotary Coupling we have designed and developed a Swaging machine specifically for assembling Rotary Hose. 350 tons of swaging force and 190 tons of pulling force permit swaging in one pass, eliminating the need to use multiple dies. The machines are available with a number of options, Digital Chart Recorder, Overhead Gantry, Electric Hoists etc.

The machine is also suitable for both External and Internal Swaging of general industrial hose up to 14" nominal bore with an ASA 150lb flange, and is available to suit all international electrical power requirements. Machines supplied into the EC carry the **CE** mark.

Hose Size	Part # Assembly		Termination	W.P.	Grade
	Standard Service	API 7K Service			
2.5 in	LM4048D2	LM4048D2A	3in API LPT	5000	D
2.5 in	LWB4048D2	LWB4048D2A	3in Butt Weld	5000	D
2.5 in	LHM4048D21002	LHM4048D21002A	3in Male 1002 Union Sub & Nut	5000	D
2.5 in	LHF4048D21002	LHF4048D21002A	3in Female 1002 Union Sub	5000	D
3.0 in	LM4848D2	LM4848D2A	3in API LPT	5000	D
3.0 in	LWB4848D2	LWB4848D2A	3in Butt Weld	5000	D
3.0 in	LHM4848D21002	LHM4848D21002A	3in Male 1002 Union Sub & Nut	5000	D
3.0 in	LHF4848D21002	LHF4848D21002A	3in Female 1002 Union Sub	5000	D
3.0 in	LM4864D2	LM4864D2A	4in API LPT	5000	D
3.5 in	LM5664D2	LM5664D2A	4in API LPT	5000	D
3.5 in	LWB5664D2	LWB5664D2A	4in Butt Weld	5000	D
3.5 in	LHM5664D21002	LHM5664D21002A	4in Male 1002 Union Sub & Nut	5000	D
3.5 in	LHF5664D21002	LHF5664D21002A	4in Female 1002 Union Sub	5000	D
3.5 in	LHM5680D21002	LHM5680D21002A	5in Male 1002 Union Sub & Nut	5000	D
3.5 in	LHF5680D21002	LHF5680D21002A	5in Female 1002 Union Sub	5000	D
4.0 in	LM6464D3	LM6464D3A	4in API LPT	5000	D
4.0 in	LWB6464D3	LWB6464D3A	4in Butt Weld	5000	D
4.0 in	LHM6464D31002	LHM6464D31002A	4in Male 1002 Union Sub & Nut	5000	D
4.0 in	LHF6464D31002	LHF6464D31002A	4in Female 1002 Union Sub	5000	D
4.0 in	LM6480D3	LM6480D3A	5in API LPT	5000	D
4.0 in	LWB6480D3	LWB6480D3A	5in Butt Weld	5000	D
4.0 in	LHM6480D31002	LHM6480D31002A	5in Male 1002 Union Sub & Nut	5000	D
4.0 in	LHF6480D31002	LHF6480D31002A	5in Female 1002 Union Sub	5000	D
4.0 in	LM6480E3	LM6480E3A	5in API LPT	7500	E
4.0 in	LWB6480E3	LWB6480E3A	5in Butt Weld	7500	E
4.0 in	LHM6480E31502	LHM6480E31502A	5in Male 1502 Union Sub & Nut	7500	E
4.0 in	LHF6480E31502	LHF6480E31502A	5in Female 1502 Union Sub	7500	E

Rotary Couplings & Accessories are available at the following locations:

Dixon Group Europe Limited

Dixon House, 350 Leach Place,
Walton Summit Centre, Preston PR5 8AS, UK.
Telephone: +44 (0)1772 323529
Fax: +44 (0)1772 314664
www.dixoneurope.co.uk

Dixon Valve & Coupling Company

800 High Street, Chestertown, MD 21620, USA
Tel: +1 410 778 2000
Fax: +1 410 778 4702
www.dixonvalve.com

Dixon Valve & Coupling Company

6525 Bennington Road,
Houston, TX 77028, USA
Tel: +1 713 678 4291
Fax: +1 713 678 8105
www.dixonvalve.com

The full range of Dixon products are available from the following global locations:

United States >>>

Atlanta, GA

Tel: +1 770 486 9619
Fax: +1 770 486 9813

Chicago, IL

Tel: +1 630 323 4442
Fax: +1 630 323 4120

Houston, TX

Tel: +1 713 678 4291
Fax: +1 713 678 8105

Portland, OR

Tel: +1 503 289 0400
Fax: +1 503 289 0600

Charlotte, NC

Tel: +1 704 376 5755
Fax: +1 704 376 1557

Cleveland, OH

Tel: +1 330 425 3000
Fax: +1 330 425 1527

Kansas City, MO

Tel: +1 816 241 7111
Fax: +1 816 241 7121

Salt Lake City, UT

Tel: +1 801 972 1180
Fax: +1 801 972 8063

Chestertown, MD

Tel: +1 410 778 2000
Fax: +1 410 778 4702

Gloversville, NY

Tel: +1 518 725 0998
Fax: +1 518 725 8542

Los Angeles, CA

Tel: +1 909 605 6400
Fax: +1 909 605 6200

Tampa, FL

Tel: +1 813 247 3500
Fax: +1 813 247 7910

Canada >>>

Alberta

Tel: +1 780 469 5444
Fax: +1 780 463 9205

Ontario

Tel: +1 705 436 1125
Fax: +1 705 436 6251

Quebec

Tel: +1 514 422 9292
Fax: +1 514 422 0166

Australia >>>

SA Adelaide

Tel: +61 8 8202 6060
Fax: +61 8 8202 6096

QLD Brisbane

Tel: +61 7 3336 1040
Fax: +61 7 3276 7441

NSW Sydney

Tel: +61 2 9648 5944
Fax: +61 2 9648 4296

TAS Hobart

Tel: +61 3 6273 3007
Fax: +61 3 6273 3009

QLD Mackay

Tel: +61 7 4952 5588
Fax: +61 7 4952 5922

NSW Sydney

Tel: +61 2 9618 1888
Fax: +61 2 9605 6273

VIC Melbourne

Tel: +61 3 9464 6522
Fax: +61 3 9465 0522

WA Perth

Tel: +61 8 9455 4993
Fax: +61 8 9455 4983

Europe, Africa & Middle East >>>

Preston, UK

Tel: +44 1772 323529
Fax: +44 1772 314664

Troisdorf, Germany

Tel: +49 2241 844 060
Fax: +49 2241 844 0679

St Petersburg, Russia

Tel: +7 812 448 4797
Fax: +7 812 448 4797

Other Global Locations >>>

Monterrey, Mexico

Tel: +52 81 8354 5649
Fax: +52 81 8354 8197

Shanghai, China

Tel: +86 21 6695 3300
Fax: +86 21 6626 3377

Mumbai, India

Tel: +91 9867 637 556
Email: riyer@dixonvalve.com.au

