



 **Tenaris**Hydril

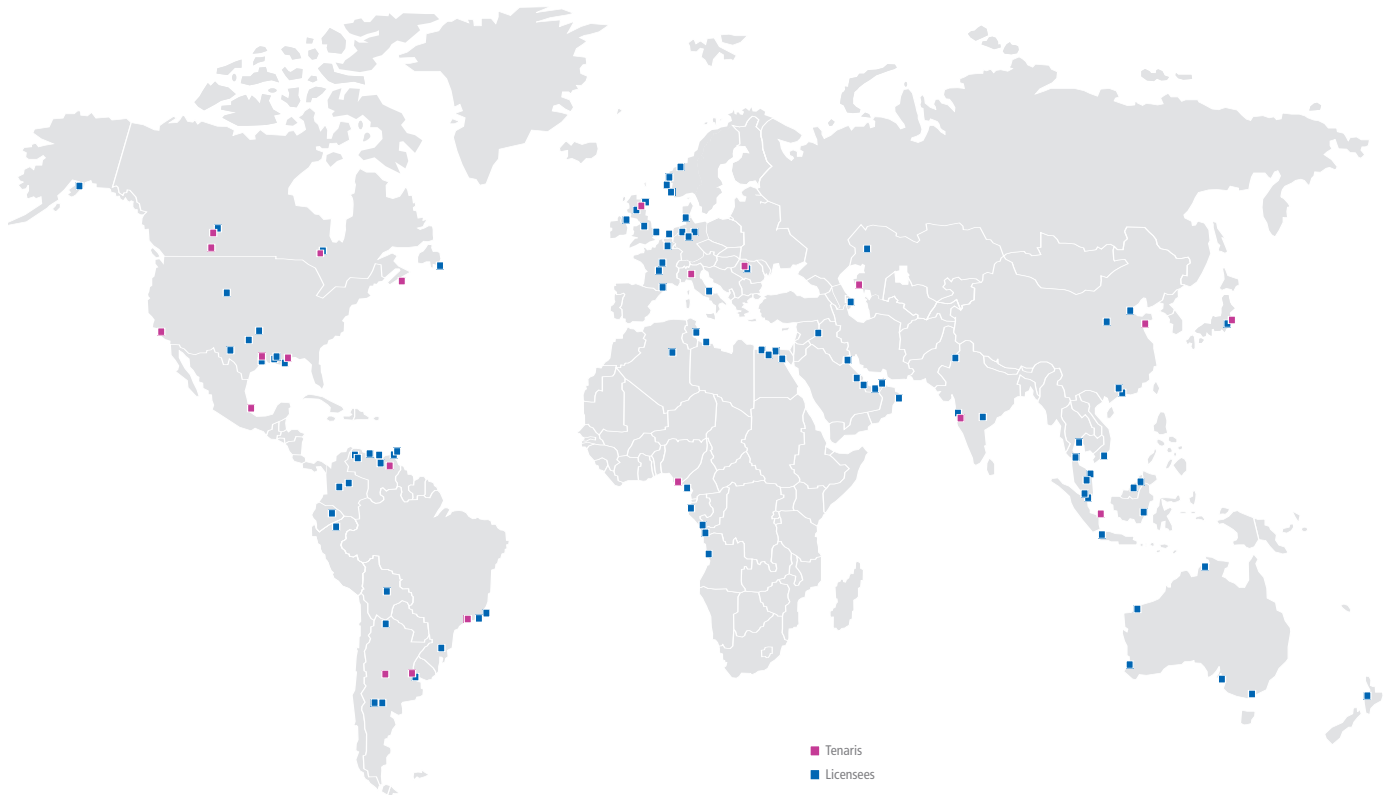
Introducing a New
World of Premium
Connections

TenarisHydril

Proven. Premium. Performance.

Tenaris and Hydril have come together to offer the industry's most comprehensive line of high-performance premium connections that can withstand the harshest environments anywhere in the world. We provide proven market-leading solutions, including both TenarisBlue® and Wedge Series 500™ technology, to serve the complex needs of the oil and gas industry.

TenarisHydril premium connections and accessories are supported worldwide by Tenaris's pipe finishing and service facilities, plus a network of licensed threading and repair shops. Experienced field specialists are available to assist customers in running and handling connections.



Application Guide

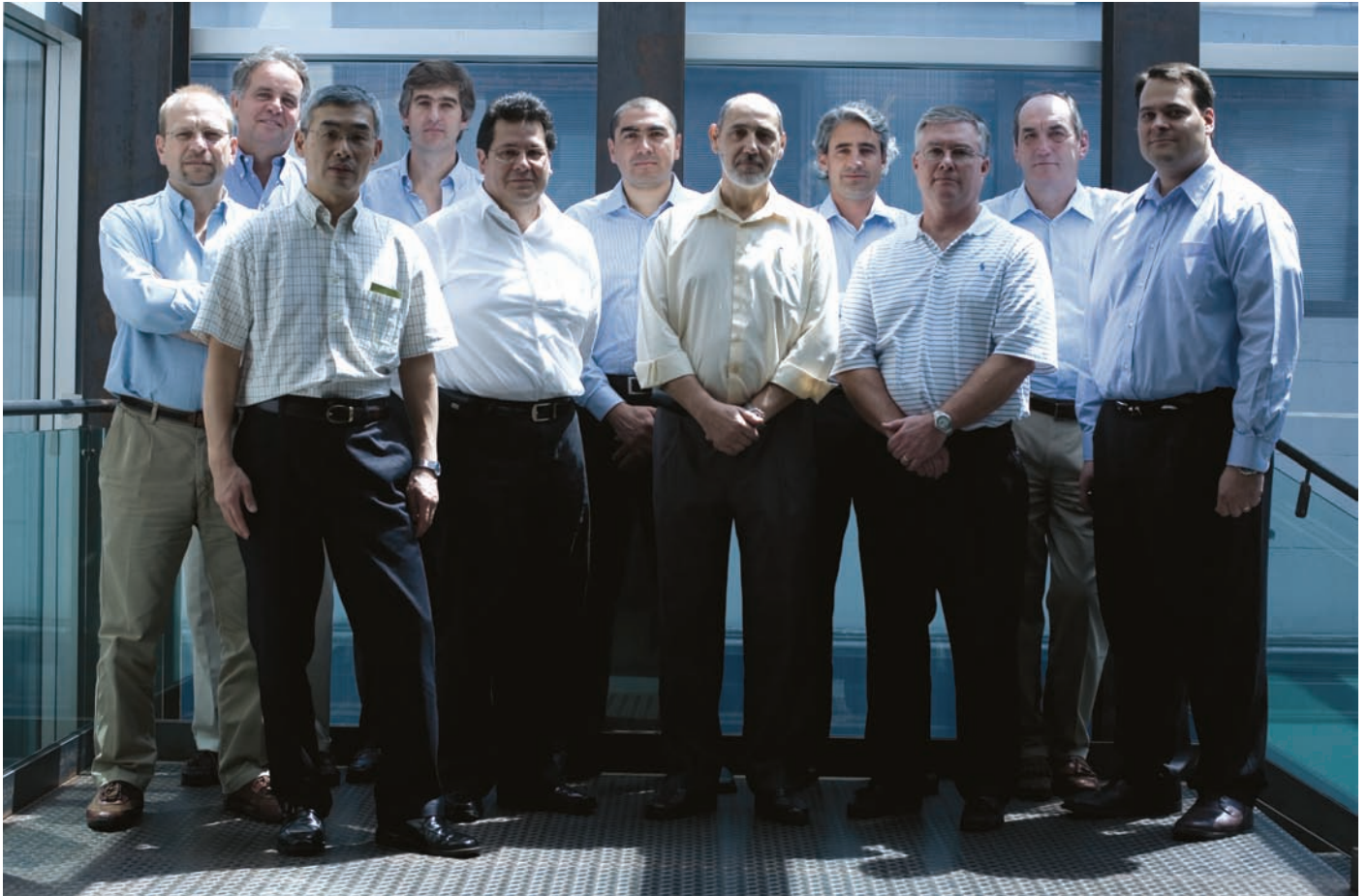
SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING & TIE-BACKS	LINERS	
Threaded & Coupled Wedge 563™ ER™ Integral Wedge 523™ Wedge 521™ Wedge 513™ Wedge 511™	Threaded & Coupled Blue™ (1) Wedge 563™ 3SB™ MS™ HW™ Integral Blue™ Near Flush (1) Wedge 523™ Wedge 521™ SLX™ MAC-II™	Threaded & Coupled Blue™ (1) Wedge 563™ 3SB™ MS™ Integral Blue™ Near Flush (1) Wedge 523™ Wedge 513™ SLX™ MAC-II™	Conventional Liners Blue™ (1) Blue™ Near Flush (1) Wedge 523™ Wedge 521™ Wedge 513™ Wedge 511™ SLX™	Rotating /Drilling Liners Blue™ (1) Blue™ SAGD Wedge 563™ Wedge 523™ Wedge 521™ Wedge 513™ Wedge 511™
HORIZONTAL AND EXTENDED REACH WELLS	THERMAL WELLS	HIGH PRESSURE & HEAVY-WALL CASING	PRODUCTION TUBING & WORKSTRINGS	
Threaded & Coupled Blue™ (1) Blue™ SAGD Wedge 563™ Wedge 561™ Integral Wedge 523™ Wedge 521™ Wedge 513™ Wedge 511™	Steam Injection Blue™ (1) Wedge 563™ Slotted Pipes, SAGD Blue™ SAGD Wedge 521™ Wedge 511™ Production Tubing Wedge 503™	Threaded & Coupled HW™ Integral MAC-II™	Metal Seal Blue™ (1) Wedge 563™ Wedge 533™ Wedge 503™ Wedge 553™ PH-4™ / PH-6™ / CS® PJD™ 3SB™ MST™	Thread Seal Wedge 561™ Wedge 531™ Wedge 501™ Wedge 551™
DEEP HP/HT WELLS	TUBING FOR INTERNAL COATING (CB)	DRILLING WITH TUBING	CASING WHILE DRILLING	
Threaded & Coupled Blue™ (1) Wedge 563™ Integral Blue™ Near Flush (1) Wedge 523™ Wedge 521™ Wedge 513™ Wedge 511™ SLX™	Threaded & Coupled Wedge 563™ Integral Wedge 533™ Wedge 553™ PH-4™ / PH-6™ / CS®	Wedge 563™ Wedge 533™ Wedge 553™ PH-4™ / PH-6™ / CS® PJD™	Threaded & Coupled Blue™ (1) Blue™ SAGD Wedge 563™ ER™	Integral Wedge 523™ Wedge 521™ Wedge 513™ Wedge 511™ PJD™

(1) Dopeless® technology available

A Dedicated Technical Sales Team

Our new global technical sales team will help customers to identify the most appropriate product and technology solution for their particular oil and gas drilling environment.

The team is made up of experienced sales engineers, who not only know how to best apply connections and OCTG products, but are also aware of how these products interact within well-site operations.



An Integrated Range of Premium Connections

TECHNOLOGY	FORMER NAME	NEW NAME	PIPE MARKING ⁽¹⁾
TenarisBlue®	TenarisBlue®	TenarisHydril Blue™	TSH Blue
	TenarisBlue® Dopeless™	TenarisHydril Blue™ Dopeless®	TSH Blue Dopeless
	TenarisBlue® Near Flush	TenarisHydril Blue™ Near Flush	TSH Blue Near Flush
	TenarisBlue® SAGD	TenarisHydril Blue™ SAGD	TSH Blue SAGD
Wedge Series 500™	Hydril Series 500™ Type 563	TenarisHydril Wedge 563™	TSH 563
	Hydril Series 500™ Type 561	TenarisHydril Wedge 561™	TSH 561
	Hydril Series 500™ Type 523	TenarisHydril Wedge 523™	TSH 523
	Hydril Series 500™ Type 521	TenarisHydril Wedge 521™	TSH 521
	Hydril Series 500™ Type 513	TenarisHydril Wedge 513™	TSH 513
	Hydril Series 500™ Type 511	TenarisHydril Wedge 511™	TSH 511
	Hydril Series 500™ Type 533	TenarisHydril Wedge 533™	TSH 533
	Hydril Series 500™ Type 503	TenarisHydril Wedge 503™	TSH 503
	Hydril Series 500™ Type 553	TenarisHydril Wedge 553™	TSH 553
	Hydril Series 500™ Type 531	TenarisHydril Wedge 531™	TSH 531
	Hydril Series 500™ Type 501	TenarisHydril Wedge 501™	TSH 501
Hydril Series 500™ Type 551	TenarisHydril Wedge 551™	TSH 551	
Legacy Technologies	Tenaris 3SB™	TenarisHydril 3SB™	TSH 3SB
	Tenaris MS™	TenarisHydril MS™	TSH MS
	Tenaris MS XT/XC™	TenarisHydril MS XT/XC™	TSH MS XTXC
	Tenaris MS28™	TenarisHydril MS28™	TSH MS28
	Tenaris MS28 XT/XC™	TenarisHydril MS28 XT/XC™	TSH MS28 XTXC
	Tenaris HW™	TenarisHydril HW™	TSH HW
	Tenaris ER™	TenarisHydril ER™	TSH ER
	Hydril SLX™	TenarisHydril SLX™	TSH SLX
	Hydril MAC-II™	TenarisHydril MAC-II™	TSH MAC-II
	Tenaris PJD™	TenarisHydril PJD™	TSH PJD
	Hydril PH-4™	TenarisHydril PH-4™	TSH PH 4
	Hydril PH-6™	TenarisHydril PH-6™	TSH PH 6
Hydril CS®	TenarisHydril CS®	TSH CS	
Drill Pipe	WTXX Series	TenarisHydril WTXX Series	TSH WTXX
	EXAMPLE Hydril WT56	TenarisHydril WT56™	TSH WT56

⁽¹⁾ Abbreviated name used for pipe marking

 **Tenaris**Hydril

www.tenaris.com/tenarishydril