

TDWIN TAPER

THREAD DISK for TAPERED THREADS



The oilfield's most reliable source of information to accurately machine, inspect, and document tapered threaded connections

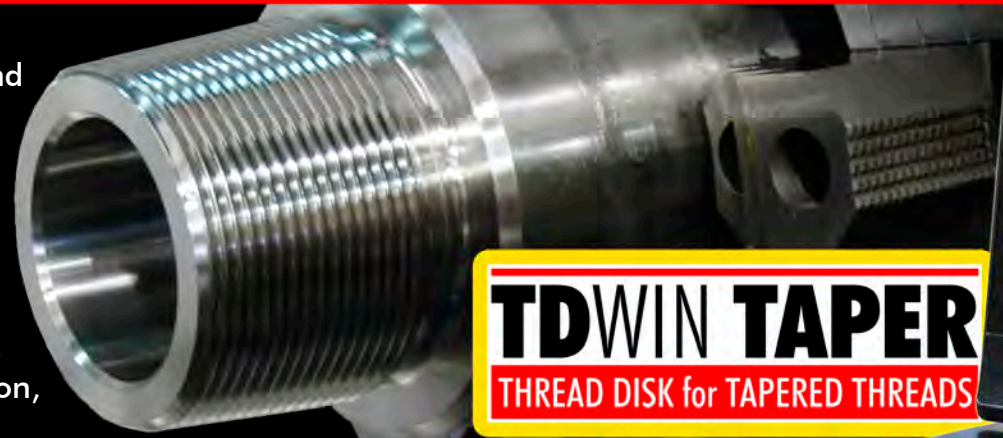


Rotary Shouldered and Tubing/Casing Connection Software

Gagemaker's TDWIN TAPER software program produces dimensional drawings and inspection data for API downhole tubular connectors based on the most current industry standards. Everything you need to machine, inspect, and document tubular connection threads is available in this convenient software program.

TDWIN TAPER provides easy access to information for both preferred and non-preferred Rotary Shouldered Connections, Tubing and Casing Connections, and any combination of Crossover. The program offers standard connection types and sizes. TDWIN TAPER displays connection drawings, inspection gage information, and setup and inspection reports.

The software displays printable drawings suitable for manufacturing that follow ASME Y14.5 standards for industry compatibility. Print gage setup and inspection reports with your company logo and work order information. The program also offers the choice to save reports and jobs for future reference.



Includes Connection Data for:

Rotary Shouldered Connections

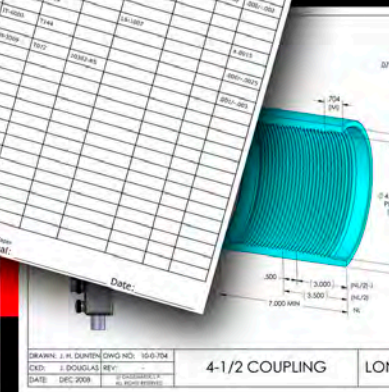
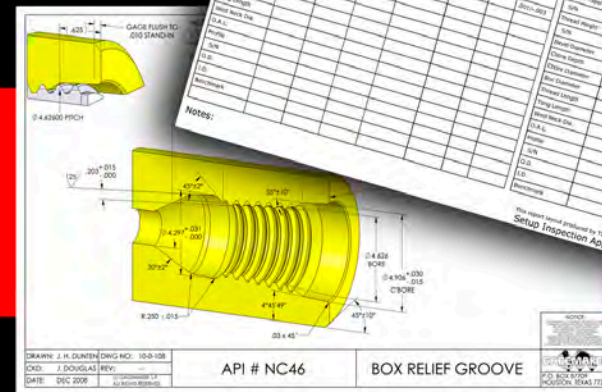
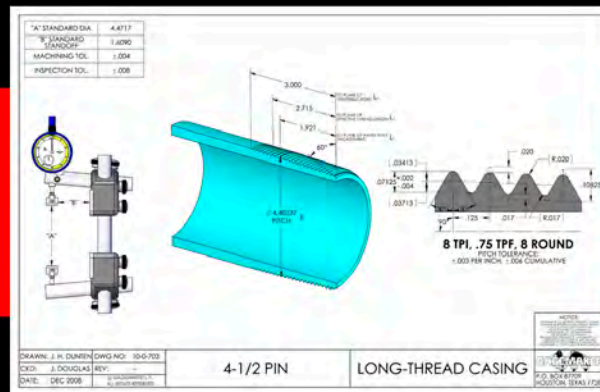
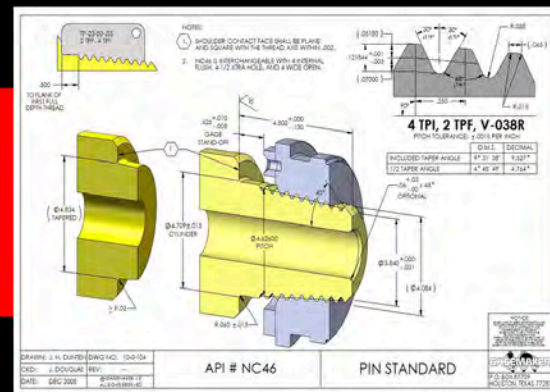
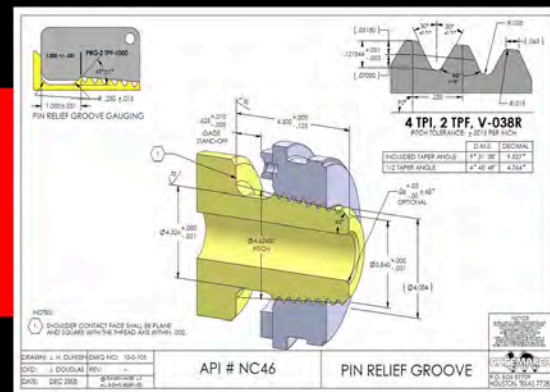
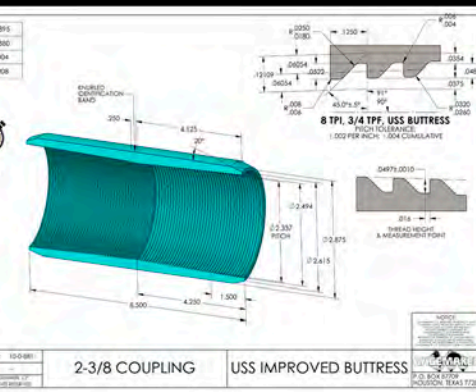
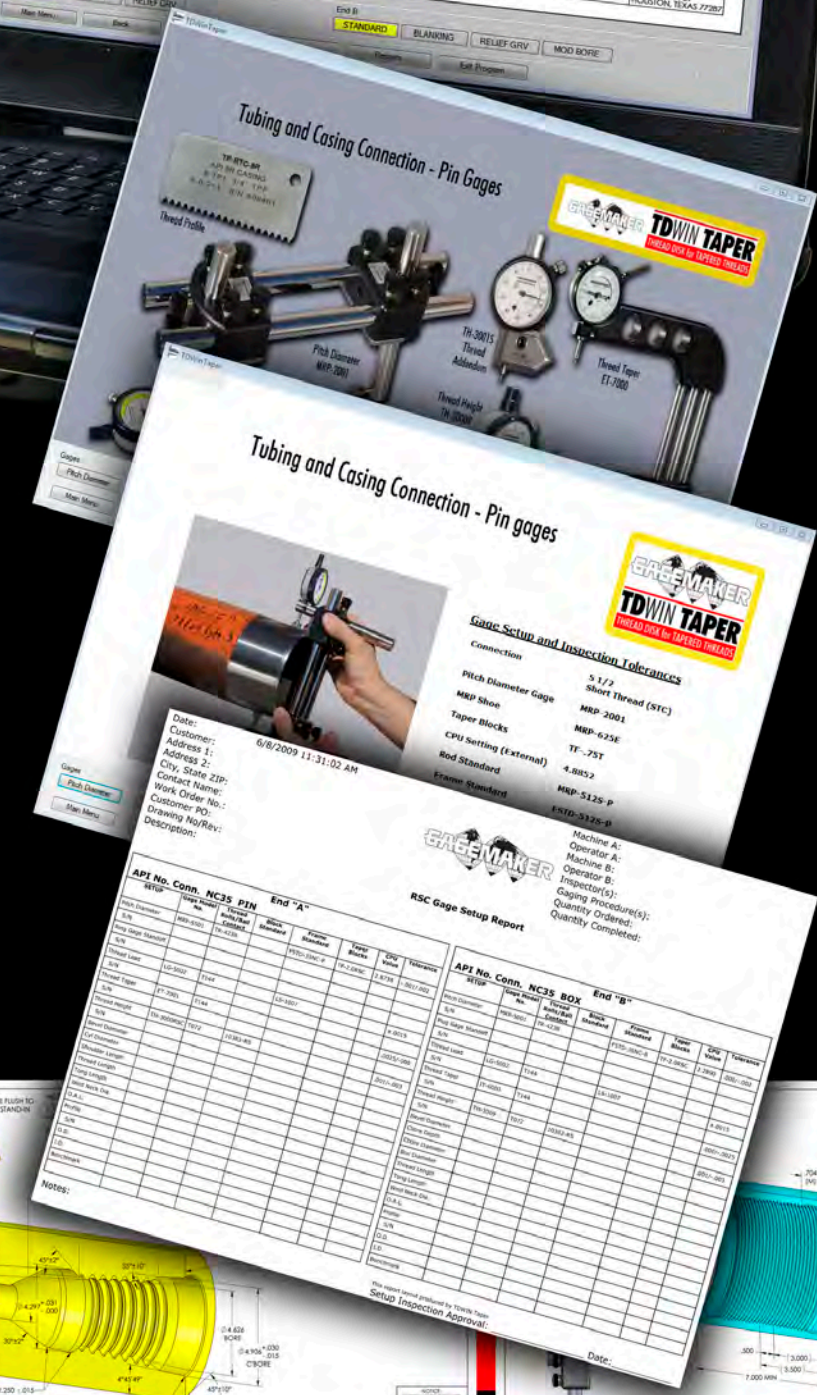
- | | | |
|--------------------------|------------|-------------------|
| API Numbered Connections | PAC | Slimline H90 |
| API Regular Full Hole | Slim Hole | External Flush |
| Internal Flush | Wide Open | ACME Regular |
| Open Hole | eXtra Hole | ACME Streamline |
| | H90 | Double Streamline |

Tubing and Casing Connections

- | | |
|---------------------|---------------------------------|
| NUE Tubing | USS Improved Buttress Tubing |
| EUE Tubing | Line Pipe |
| Short Thread Casing | Special Clearance Couplings |
| Long Thread Casing | SR13 Seal Ring Groove Couplings |
| Buttress Casing | |

TDWIN TAPER is the only software program dedicated to the manufacturing and inspection of downhole tubular connections. Until now, this type of information was available only through closely controlled documents supplied by a few industry leaders. Now, all the dimensions, gaging tolerances, and inspection reports for the connections you need to cut are available with a few keystrokes.

Stay on top of the changes in industry specifications with your own copy of the TDWIN TAPER program.



TDWIN TAPER

THREAD DISK for TAPERED THREADS

TDWIN TAPER'S Features:

- Follows API Specification 7.2, Dec. 2008, for Rotary Shouldered Connections
- Follows API Specification 5B, Oct. 2008, for Tubing and Casing Connections
- Presents "preferred" connections as well as interchangeable and obsolete connections
- Organizes data compatible with API and industry knowledge offered by resources such as Smith, Joy, and Hughes
- Displays Gagemaker style thread gages and gage setting information
- Configures and prints reference drawings for manufacturing including; standard pin/box/coupling, pin/box blanking, pin/box relief groove, box modified bore-back relief, special clearance couplings, and SR grooved couplings
- Produces gage setup reports for tubing, casing, RSC, and crossover combinations
- Provides inspection reports for all connection configurations selected
- Customizes reports with your company logo
- Saves reports to job files and recalls them for future reference
- Provides web links to locate and purchase necessary gages and standards



Date: 6/8/2009 11:31:02 AM
 Customer:
 Address 1:
 Address 2:
 City, State ZIP:
 Contact Name:
 Work Order No.:
 Customer PO:
 Drawing No/Rev:
 Description:

GAGEMAKER

Machine A:
 Operator A:
 Machine B:
 Operator B:
 Inspector(s):
 Gaging Procedure(s):
 Quantity Ordered:
 Quantity Completed:

RSC Gage Setup Report

End "A"										End "B"									
API No.	Conn.	NC35	PIN	Block Standard	Frame Standard	Taper Blocks	CRU Value	Tolerance	SETUP	Gage Model No.	Thread Fuller Size Contact	Block Standard	Frame Standard	Taper Blocks	CRU Value	Tolerance			
Pin Diameter	MFP-5001	TF-4238		PSTD-35NC-P	TF-2-DRSC	2.8738	-001/-002		Pin Diameter	MFP-5001	TF-4238	PSTD-35NC-B	TF-2-DRSC	2.8738	000/-002				
Ring Gage Standoff									Ring Gage Standoff										
Thread Lead	UG-5002	T144		US-1007			4.0013		Thread Lead	UG-5002	T144	US-1007			4.0013				
Thread Taper	ET-7001	T144					0025/-000		Thread Taper	ET-6001	T144				0007/-0025				
Thread Height	TH-3000RSC	T972	10.163 AS				001/-003		Thread Height	TH-3000RSC	T972	10.163 AS			001/-003				
Bore Diameter									Bore Diameter										
Cyl Diameter									Cyl Diameter										
Shoulder Length									Shoulder Length										
Thread Length									Thread Length										
Ring Length									Ring Length										
Hard Back Dia.									Hard Back Dia.										
O.A.S.									O.A.S.										
Profile									Profile										
1/8"									1/8"										
D.B.									D.B.										
L.B.									L.B.										
Benchmarks									Benchmarks										

Notes:

From manufacturing...

...to inspection and reporting.



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