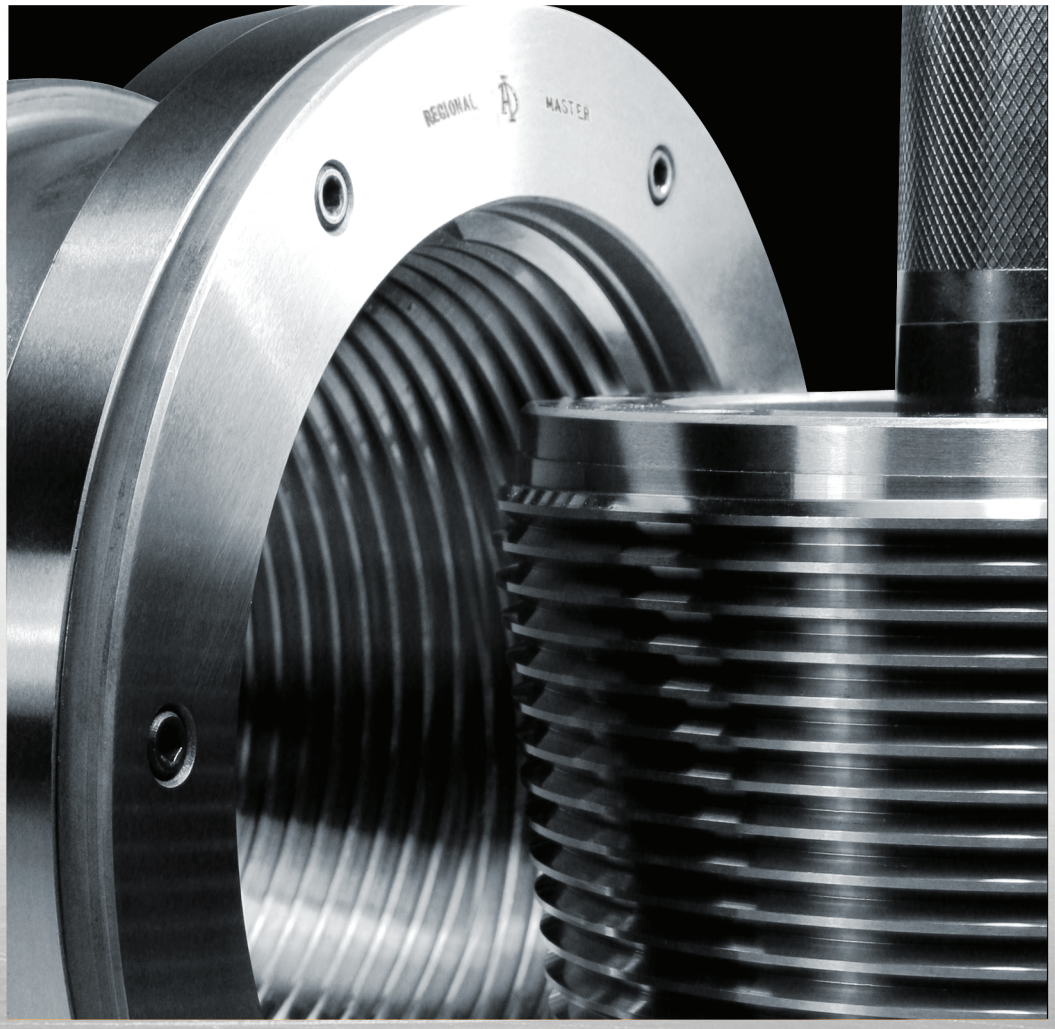
PMC GAGE, INC.

PMC *LONE STAR*

API OIL COUNTRY GAGES PRODUCT OVERVIEW



QUALITY ★ SERVICE ★ RESPONSIBILITY

www.pmclonestar.com

A2LA ACCREDITED
Calibration Laboratory
Cert #1697.01

API Q1
Lic. #5B-0005
Lic. #7-2-0092
Lic. #11B-0016

ISA INDUSTRIAL SUPPLY ASSOCIATION
Linking Channel Partners

AMIMA® MEMBER

PMC GAGE, INC.

PMC *LONE STAR*

PROVIDING GAGE SOLUTIONS SINCE 1912

PRODUCTS & SERVICES

API Rotary Tool Joint Plug & Ring Gages

API Numbered Rotary Shouldered Connections

API Standard Casing Gages, Pipe Gages, & Tubing Gages

Thread Profile Gages

Negative Flank (Hook) Thread Gages

Premium Proprietary Thread Gages

Tapered Cylindrical Plug & Ring Gages

Re-certification of API Work & Master Gages

Re-certification of Customer Specials

Re-certification of ANSI/ASME Thread Plug & Ring Gages

Re-certification of Cylindrical Plug & Ring Gages

Re-certification of Tapered Cylindrical Plug & Ring Gages

Authorized Distributor of Gagemaker

Authorized Distributor of Allen Gauge and Tool Company

Custom Made Gage Storage Cases



API SPEC 5B GAGES
WORKING/MASTERS





CASING		
SIZE	T.P.I.	T.P.F.
4-1/2*	8	3/4
5*	8	3/4
5-1/2*	8	3/4
6-5/8*	8	3/4
7*	8	3/4
7-5/8*	8	3/4
8-5/8*	8	3/4
9-5/8*	8	3/4
10-3/4	8	3/4
11-3/4	8	3/4
13-3/8	8	3/4
16	8	3/4
18-5/8	8	3/4
20*	8	3/4
(*) Short / Long Casing is available for working rings		

UPSET (E.U.E) / NON-UPSET (N.U.E) TUBING			
SIZE	UPSET T.P.I.	NON-UPSET T.P.I.	T.P.F.
1.050	10	10	3/4
1.315	10	10	3/4
1.660	10	10	3/4
1.900	10	10	3/4
2-3/8*	8	10	3/4
2-7/8*	8	10	3/4
3-1/2*	8	10	3/4
4*	8	8	3/4
4-1/2*	8	8	3/4
(*) Step blocks are available for working rings			

1.315, 1.660 and 1.900 I.J. Tubing Gages are identical to Non-Upset Tubing Gages of the same size and may be used interchangeably. The 2.063 I.J. Tubing Gages are identical to the 1.900 Upset Tubing Gages and may be used interchangeably. The 1.050 Upset Tubing Gages, the 1.315 Non-Upset Tubing Gages, and the 1.315 I.J. Tubing Gages are identical and may be used interchangeably

EXTREME LINE CASING		
SIZE	T.P.I.	T.P.F.
5	6	1-1/2
5-1/2	6	1-1/2
6-5/8	6	1-1/2
7	6	1-1/2
7-5/8	6	1-1/2
8-5/8	5	1-1/4
9-5/8	5	1-1/4
10-3/4	5	1-1/4

BUTTRESS CASING		
SIZE	T.P.I.	T.P.F.
4-1/2	5	3/4
5	5	3/4
5-1/2	5	3/4
5-3/4	5	3/4
6-5/8	5	3/4
7	5	3/4
7-5/8	5	3/4
8-5/8	5	3/4
9-5/8	5	3/4
10-3/4	5	3/4
11-3/4	5	3/4
13-3/8	5	3/4
16	5	1
18-5/8	5	1
20	5	1



LINE PIPE		
SIZE	T.P.I.	T.P.F.
1/8	27	3/4
1/4	18	3/4
3/8	18	3/4
1/2	14	3/4
3/4	14	3/4
1	11-1/2	3/4
1-1/4	11-1/2	3/4
1-1/2	11-1/2	3/4
2	11-1/2	3/4
2-1/2	8	3/4
3	8	3/4
3-1/2	8	3/4
4	8	3/4
5	8	3/4
6	8	3/4
8	8	3/4
10	8	3/4
12	8	3/4
14	8	3/4
16	8	3/4
18	8	3/4
20	8	3/4

API SPEC 7 GAGES WORKING/MASTERS



REGULAR ROTARY			
SIZE	T.P.I.	T.P.F.	THD FORM
1	6	1.5	V-0.055
1-1/4	7	2	V-0.020
1-1/2	6	1.5	V-0.055
2-3/8	5	3	V-0.040
2-7/8	5	3	V-0.040
3-1/2	5	3	V-0.040
4-1/2	5	3	V-0.040
5-1/2	4	3	V-0.050
6-5/8	4	2	V-0.050
7-5/8	4	3	V-0.050
8-5/8	4	3	V-0.050

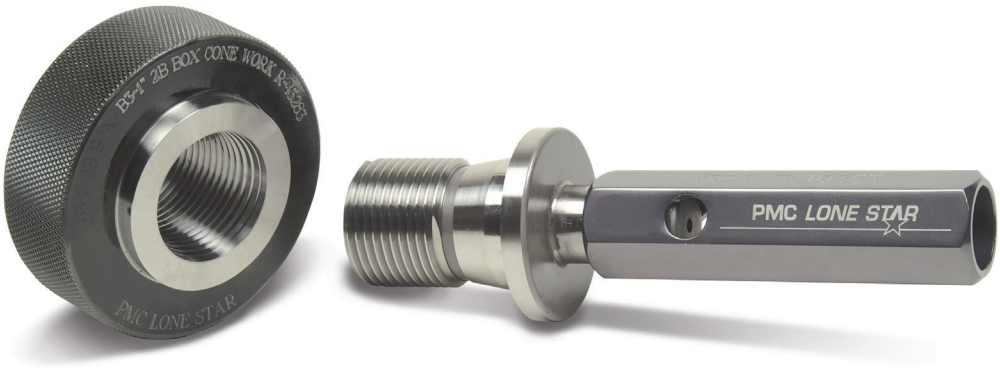
INTERNAL FLUSH (I.F.)			
SIZE	T.P.I.	T.P.F.	THD FORM
2	4	2	V-0.065
2-3/8 (NC26)	4	2	V-0.065
2-7/8 (NC31)	4	2	V-0.065
3-1/2 (NC38)	4	2	V-0.065
4 (NC46) (4-1/2 XH)	4	2	V-0.065
4-1/2 (NC50) (5 XH)	4	2	V-0.065
5-1/2	4	2	V-0.065
6-5/8	4	2	V-0.065

FULL HOLE (F.H.)			
SIZE	T.P.I.	T.P.F.	THD FORM
2-7/8	5	3	V-0.040
3-1/2	5	3	V-0.040
4 (NC40)	4	2	V-0.065
4-1/2	5	3	V-0.040
5-1/2	4	2	V-0.050
6-5/8	4	2	V-0.050

NUMBERED CONNECTIONS (N.C.)			
SIZE	T.P.I.	T.P.F.	THD FORM
NC10	6	1-1/2	V-0.055R
NC12	6	1-1/2	V-0.055R
NC13	6	1-1/2	V-0.055R
NC16	6	1-1/2	V-0.055R
NC23	4	2	V-0.038R
NC26 (2-3/8 I.F.)	4	2	V-0.038R
NC31 (2-7/8 I.F.)	4	2	V-0.038R
NC35	4	2	V-0.038R
NC38 (3-1/2 I.F.)	4	2	V-0.038R
NC40 (4 FH)	4	2	V-0.038R
NC44	4	2	V-0.038R
NC46	4	2	V-0.038R
NC50 (4-1/2 IF) (5 XH)	4	2	V-0.038R
NC56	4	3	V-0.038R
NC61	4	3	V-0.038R
NC70	4	3	V-0.038R
NC77	4	3	V-0.038R



API SPEC 11B GAGES WORKING/MASTERS



MASTER SUCKER ROD & POLISHED ROD GAGES						
DESCRIPTION	SIZE					
P-1 GO PLUG MASTER	1/2	5/8	3/4	7/8	1	1-1/8
P-2 GO RING MASTER	1/2	5/8	3/4	7/8	1	1-1/8
P-3 PIN CONE PLUG MASTER	1/2	5/8	3/4	7/8	1	1-1/8
P-4 REF. RING FOR PIN	1/2	5/8	3/4	7/8	1	1-1/8
P-5 MASTER NO GO PIN PLUG	1/2	5/8	3/4	7/8	1	1-1/8
P-6 REF. NO GO PIN RING	1/2	5/8	3/4	7/8	1	1-1/8
P-7 MASTER GO PIN PLUG	1/2	5/8	3/4	7/8	1	1-1/8
P-8 REF. GO PIN RING	1/2	5/8	3/4	7/8	1	1-1/8
B-1 MASTER GO RING	1/2	5/8	3/4	7/8	1	1-1/8
B-2 REF. GO PLUG	1/2	5/8	3/4	7/8	1	1-1/8
B-3 MASTER CONE RING	1/2	5/8	3/4	7/8	1	1-1/8
B-4 REF. PLUG	1/2	5/8	3/4	7/8	1	1-1/8
B-5 MASTER NO GO RING	1/2	5/8	3/4	7/8	1	1-1/8
B-6 REF. NO GO PLUG	1/2	5/8	3/4	7/8	1	1-1/8

WORKING SUCKER ROD & POLISHED ROD GAGES						
DESCRIPTION	SIZE					
P-2 GO RING	1/2	5/8	3/4	7/8	1	1-1/8
P-4 RING FOR PIN CONE	1/2	5/8	3/4	7/8	1	1-1/8
P-6 NO GO RING FOR PIN CONE	1/2	5/8	3/4	7/8	1	1-1/8
P-8 GO PIN RING	1/2	5/8	3/4	7/8	1	1-1/8
B-2 GO PLUG	1/2	5/8	3/4	7/8	1	1-1/8
B-4 PLUG	1/2	5/8	3/4	7/8	1	1-1/8
B-6 NO GO PLUG	1/2	5/8	3/4	7/8	1	1-1/8

API SPEC 11AX GAGES WORKING/MASTERS



L-THREAD		
SIZE	T.P.I.	T.P.F.
3/8	18	3/4
1/2	14	3/4
3/4	14	3/4

B-THREAD		
SIZE	T.P.I.	T.P.F.
178	11-1/2	3/8
225	11-1/2	3/4
275	11-1/2	3/4

MISC. CONNECTIONS

HUGHES H-90		
SIZE	T.P.I.	T.P.F.
2-3/8SL	3	1-1/4
2-7/8SL	3	1-1/4
3-1/2SL	3	1-1/4
3-1/2	3-1/2	2
4	3-1/2	2
4-1/2	3-1/2	2
5	3-1/2	2
5-1/2	3-1/2	2
6-5/8	3-1/2	2
7	3-1/2	3
7-5/8	3-1/2	3
8-5/8	3-1/2	3

MACARONI TUBING (M.T.)		
SIZE	T.P.I.	T.P.F.
3/4	6	1-1/2
1 (1 REG)	6	1-1/2
1-1/4	6	1-1/2
1-1/2 (1-1/2 REG)	6	1-1/2
2-1/16	6	1-1/2

WILSON FLUSH JOINT (W.F.J.)		
SIZE	T.P.I.	T.P.F.
1-13/16	7	2
2-3/8	6	2

BECO		
SIZE	T.P.I.	T.P.F.
3	2	3
3-1/2	2	3
4	2	3
4-1/2	2	3
5-1/4	2	3
6	2	3
7	2	3
8	2	3
10	2	3

IMPROVED BUTTTRESS		
SIZE	T.P.I.	T.P.F.
2	8	3/4
2-3/8	8	3/4
2-7/8	8	3/4
3-1/2	8	3/4
4	8	3/4
4-1/2	8	3/4
5-1/2	8	3/4

DI-22		
SIZE	T.P.I.	T.P.F.
4-3/4	2	1-1/2
5-1/4	2	1-1/2
5-3/4	2	1-1/2
6-3/4	2	1-1/2
8-1/4	2	1-1/2
9-1/4	2	1-1/2
9-3/4	2	1-1/2
10-1/2	1-5/8	1-1/2

AMERICAN OPEN HOLE (A.O.H.)		
SIZE	T.P.I.	T.P.F.
2-3/8	4	1-1/2
2-7/8	4	1-1/2
3-1/2	4	1-1/2
4	4	1-1/2
4-1/2	4	1-1/2

PAC		
SIZE	T.P.I.	T.P.F.
2-3/8	4	1-1/2
2-7/8	4	1-1/2
3-1/2	4	1-1/2

MAYHEW		
SIZE	T.P.I.	T.P.F.
2-3/8 JR	4	2
2-3/8 REG	4	1-1/2
2-7/8 FH	4	1-1/2

XTRA HOLE (X.H.)		
SIZE	T.P.I.	T.P.F.
2-7/8	4	2
3-1/2	4	2

FEDP		
SIZE	T.P.I.	T.P.F.
2-3/8	4	2TPF
2-7/8	4	2TPF

HUGHES EXTERNAL FLUSH (H.E.F.)		
SIZE	T.P.I.	T.P.F.
2-3/8	6	2
2-7/8	6	2
3-1/2	4	2
4-1/2	4	2

SHARP -VEE TUBING UPSET / NON-UPSET			
SIZE	UPSET T.P.I.	NON -UPSET T.P.I.	T.P.F.
1-1/4	11-1/2	-	3/4
1-1/2	11-1/2	11-1/2	3/4
2	10	11-1/2	3/4
2-1/2	10	11-1/2	3/4
3	10	11-1/2	3/4
3-1/2	10	10	3/4
4	10	10	3/4

DI-42		
9-3/4	2	1
10-1/8	2	1

THREAD PROFILE GAGES











Profile Gage #	Will Check the Following Connections	Thread Form
PG-453	API REG: 2-3/8" thru 4-1/2" API FULL HOLE: 3-1/2", 4-1/2"	V.040 5TPI 3TPF
PG-542	API REGULAR: 6-5/8" API FULL HOLE:5-1/2", 6-5/8"	V.050 4TPI 2TPF
PG-543	API REGULAR: 5-1/2", 7-5/8", 8-5/8"	V.050 4TPI 3TPF
PG-642	API INTERNAL FLUSH:2-3/8" thru 5-1/2" API FULL HOLE:4" HUGHES EXTRA HOLE :2-7/8" thru 5" HUGHES SLIM HOLE: 2-3/8" thru 4-1/2"	V.065 4 TPI 2 TPF
PG-NC-23-50	API NUMBERED CONNECTIONS #23 thru #50	V.038R 4TPI 2TPF
PG-NC-56-77	API NUMBERED CONNECTIONS #56 thru #77	V.038R 4 TPI 3 TPF
PG-NC-10-16	API NUMBERED CONNECTIONS #10, #12, #13, #16 MACARONI TUBING 3/4", 1-1/4", 1-1/2"	V.055 6TPI 1-1/2TPF
PG-076	AMERICAN OPEN HOLE: 2-3/8" thru 4-1/2"	V.076 4TPI 1-1/2TPF
PG-935-2	HUGHES H-90: 3-1/2" thru 6-5/8"	H-90 3-1/2TPI 2TPF
PG-935-3	HUGHES H-90: 7" thru 8-5/8"	H-90 3-1/2TPI 3TPF
PG-931-1/4"	HUGHES SLIM LINE :2-3/8" thru 3-1/2"	H-90 3 TPI 1-1/4TPF
PG-415	PAC CONNECTIONS: 2-3/8" thru 3-1/2"	V.076 4TPI 1-1/2TPF
PG-HEF	HUGHES EXTERNAL FLUSH 2-3/8", 2-7/8"	6TPI 2TPF
PG-1-1/4-REG	1-1/4" REGULAR	7TPI 2TPF
PG-1-13/16WFJ	1-13/16" WILSON FLUSH JOINT	7TPI 2TPF
PG-2-3/8-WFJ	2-3/8" WILSON FLUSH JOINT	6TPI 2TPF
PG-8RF	ALL API 8RF CSG TBG DRILL PIPE	8RD FORM 3/4TPF
PG-10RF	ALL API STANDARD TUBING 10RF THREAD	10RD FORM 3/4TPF
PG-8B75	IMPROVED BUTTRESS	8TPI 3/4TPF
PG-8V	8V THREAD API LINE PIPE 2-1/2" thru 20" ALSO FOR AMERICAN STANDARD NPT: thru 20"	8V 3/4TPF
PG-11-1/2V	THREAD API LINE PIPE: 1" thru 2" ALSO FOR AMERICAN STANDARD NPT	11-1/2TPI 3/4TPF
PG-5B75-INT	API BUTTRESS CASING: 4-1/2" thru 13-3/8" INTERNAL	5TPI BUTTRESS 3/4TPF
PG-5B75-EXT	API BUTTRESS CASING: 4-1/2" thru 13-3/8" EXTERNAL	5TPI BUTTRESS 3/4TPF
PG-5B1-INT	API BUTTRESS CASING: 16" AND LARGER INTERNAL	5TPI BUTTRESS 1TPF
PG-5B1-EXT	API BUTTRESS CASING: 16" AND LARGER EXTERNAL	5TPI BUTTRESS 1TPF
PG-6150-INT	EXTREME LINE CASING: 5" thru 7-5/8" INTERNAL	6TPI 1-1/2TPF
PG-6150-EXT	EXTREME LINE CASING: 5" thru 7-5/8" EXTERNAL	6TPI 1-1/2TPF
PG-5125-INT	EXTREME LINE CASING: 8-5/8" thru 10-3/4" INTERNAL	5TPI 1-1/4TPF
PG-5125-EXT	EXTREME LINE CASING: 8-5/8" thru 10-3/4" EXTERNAL	5TPI 1-1/4TPF
PG-BECO	BECO	2TPI 3TPF
PG-DI-22-1.625	DI-22 CONNECTIONS: 10-1/2"	1-5/8TPI 1-1/2TPF
PG-DI-22-2	DI-22 CONNECTIONS: 4-3/4" thru 9-1/4"	2TPI 1-1/2TPF
PG-DI-42	DI-42 CONNECTIONS: 9-3/4", 10-1/8"	2TPI 1TPF
PG-0500	PROFILE GAGE	V.038R 4TPI 1/2TPF
PG-0750	PROFILE GAGE	V.038R 4TPI 3/4TPF
PG-1000	PROFILE GAGE	V.038R 4TPI 1TPF
PG-1250	PROFILE GAGE	V.038R 4TPI 1-1/4TPF
PG-1500	PROFILE GAGE	V.038R 4TPI 1-1/2TPF

STANDARD STUB, NATIONAL ACME & UNIFIED AS LISTED
ANY OTHER PITCH IS SPECIAL
PG-2SA, PG-4SA, PG-5SA, PG-6SA, PG-8SA, PG-10SA, PG-12SA
PG-4NA, PG-5NA, PG-6NA, PG-8NA, PG-10NA, PG-12NA, PG-16NA,
PG-6UN, PG-8UN, PG-12UN, PG-16UN

A2LA calibration not currently available on thread profile gages