

API (Oil) Thread Gauge



BAKER
KURODA

API

BAKER has collaborated with KURODA PRECISION INDUSTRIES, a leading Japanese thread gauge manufacturer, to distribute their high quality API thread gauges in India. KURODA has been granted the right of use of API Official Monogram for the following API Thread Gauges since 1957; Specification 5B under the License no. 5B-0015, Specification 7-2 under the License no. 7-2-0187.



Kuroda Precision Industries: A Brief introduction

Kuroda was founded in 1925 as one of the first dedicated gauge manufacturers in Japan. Since then, they have developed various products based on precision measuring and processing technology. While working to preserve traditional skills, techniques and reputation for best quality, they also employ latest technologies through active R&D. Kuroda's mission continues to be that of support to the customers through their high precision measuring and processing technology based on the philosophy of P&P (Precision and Productivity) and the spirit of C&C (Challenge and Create).

FEATURES

- Light construction
- Longer operating life
- Manufacturing to the highest Japanese quality standards
- Best Raw materials from Japan used
- Easy to use: The handle is standard-equipped on all products
- Upon request, a Hook Ring can be mounted on larger diameter ring gauges for better work ability

When ordering, please provide information on:

- Type of gauge
- Size of gauge
- Reference master or working gauges
- Plug or ring or both
- Right hand or left hand, in case of API Spec. 7-2 thread gauges
- Inspection results to be stated in inches or mm



API (Oil) Thread Gauge



API SPEC. 5B (Casing & Tubing)

LP

Line Pipe Thread Gauges
Thread angle 60°

Size	T.P.I.	Taper
1/8	27	1 : 16
1/4	18	1 : 16
3/8	18	1 : 16
1/2	14	1 : 16
3/4	14	1 : 16
1	11 1/2	1 : 16
1 1/4	11 1/2	1 : 16
1 1/2	11 1/2	1 : 16
2	11 1/2	1 : 16
2 1/2	8	1 : 16
3	8	1 : 16
3 1/2	8	1 : 16
4	8	1 : 16
5	8	1 : 16
6	8	1 : 16
8	8	1 : 16
10	8	1 : 16
12	8	1 : 16
14D	8	1 : 16
16D	8	1 : 16
18D	8	1 : 16
20D	8	1 : 16

CSG

Casing Round Thread Gauges
Thread angle 60°

Size	T.P.I.	Taper
4 1/2	*8	1 : 16
5	*8	1 : 16
5 1/2	*8	1 : 16
6	*8	1 : 16
7	*8	1 : 16
7 1/2	*8	1 : 16
8 1/2	*8	1 : 16
9 1/2	*8	1 : 16
10 3/4	8	1 : 16
11 3/4	8	1 : 16
13 3/8	8	1 : 16
16	8	1 : 16
18 3/8	8	1 : 16
20	*8	1 : 16

Note : *Short and long

BUTTRESS CSG

Buttress Casing Thread Gauges
Thread angle : 3° x 10°

Size	T.P.I.	Taper
4 1/2	5	1 : 16
5	5	1 : 16
5 1/2	5	1 : 16
6 3/8	5	1 : 16
7	5	1 : 16
7 3/8	5	1 : 16
8 3/8	5	1 : 16
9 3/8	5	1 : 16
10 3/4	5	1 : 16
11 3/4	5	1 : 16
13 3/8	5	1 : 16
16	5	1 : 12
18 3/8	5	1 : 12
20	5	1 : 12

TBG

Non-Upset Tubing Thread Gauges
Thread angle 60°

Size	T.P.I.	Taper
1.050	10	1 : 16
1.315	10	1 : 16
1.660	10	1 : 16
1.900	10	1 : 16
2 3/8	10	1 : 16
2 7/8	10	1 : 16
3 1/2	10	1 : 16
4	8	1 : 16
4 1/2	8	1 : 16

UP TBG

External-Upset Tubing Thread Gauges
Thread angle 60°

Size	T.P.I.	Taper
1.050	10	1 : 16
1.315	10	1 : 16
1.660	10	1 : 16
1.900	10	1 : 16
2 3/8	8	1 : 16
2 7/8	8	1 : 16
3 1/2	8	1 : 16
4	8	1 : 16
4 1/2	8	1 : 16

Ex. Li. Casing

Extreme-Line Casing Thread & Seal Gauges
Thread angle : 6° x 6°

Size	T.P.I.	Taper
5	6	1 : 8
5 1/2	6	1 : 8
6 3/8	6	1 : 8
7	6	1 : 8
7 3/8	6	1 : 8
8 3/8	5	1 : 9.6
9 3/8	5	1 : 9.6
10 3/4	5	1 : 9.6

Note : Taper of seal = 1 : 6

API SPEC. 7-2 (Rotary Shouldered Connections)

NC

Number Style
Thread angle 60°

Size	T.P.I.	Taper
NC 23	4	1 : 6
NC 26	4	1 : 6
NC 31	4	1 : 6
NC 35	4	1 : 6
NC 38	4	1 : 6
NC 40	4	1 : 6
NC 44	4	1 : 6
NC 46	4	1 : 6
NC 50	4	1 : 6
NC 56	4	1 : 4
NC 61	4	1 : 4
NC 70	4	1 : 4
NC 77	4	1 : 4

REG

Regular Style (Right or left hand)
Thread angle 60°

Size	T.P.I.	Taper
1	6	1 : 8
1 1/2	6	1 : 8
2 3/8	5	1 : 4
2 7/8	5	1 : 4
3 1/2	5	1 : 4
4 1/2	5	1 : 4
5 1/2	4	1 : 4
6 3/8	4	1 : 6
7 3/8	4	1 : 4
8 3/8	4	1 : 4

FH

Full-hole Style
Thread angle 60°

Size	T.P.I.	Taper
3 1/2	5	1 : 4
4	4	1 : 6
4 1/2	5	1 : 4
5 1/2	4	1 : 6
6 3/8	4	1 : 6

IF

Internal-flush Style
Thread angle 60°

Size	T.P.I.	Taper
2 3/8	4	1 : 6
2 7/8	4	1 : 6
3 1/2	4	1 : 6
4	4	1 : 6
4 1/2	4	1 : 6
5 1/2	4	1 : 6