

THREAD GAGES FOR ROTARY SHOULDERED CONNECTIONS OF PETROLEUM EQUIPMENT

API PRODUCTION LICENSE

- Measure the thread of rotary shouldered connections



4177-23

Number style gages

Part No.	Gage part no.	Form of thread to be inspected	Number of thread per inch	Taper	Angle of thread	Basic pitch dia
4177-10	NC10	V-0.055	6	1:8	60°	1.063"
4177-12	NC12	V-0.055	6	1:8	60°	1.265"
4177-13	NC13	V-0.055	6	1:8	60°	1.378"
4177-16	NC16	V-0.055	6	1:8	60°	1.609"
4177-23	NC23	V-0.038R	4	1:6	60°	2.355"
4177-26	NC26	V-0.038R	4	1:6	60°	2.668"
4177-31	NC31	V-0.038R	4	1:6	60°	3.169"
4177-35	NC35	V-0.038R	4	1:6	60°	3.531"
4177-38	NC38	V-0.038R	4	1:6	60°	3.808"
4177-40	NC40	V-0.038R	4	1:6	60°	4.072"
4177-44	NC44	V-0.038R	4	1:6	60°	4.417"
4177-46	NC46	V-0.038R	4	1:6	60°	4.626"
4177-50	NC50	V-0.038R	4	1:6	60°	5.042"
4177-56	NC56	V-0.038R	4	1:4	60°	5.616"
4177-61	NC61	V-0.038R	4	1:4	60°	6.178"
4177-70	NC70	V-0.038R	4	1:4	60°	7.053"
4177-77	NC77	V-0.038R	4	1:4	60°	7.741"

Regular style gages

Part No.	Gage part no.	Form of thread to be inspected	Number of thread per inch	Taper	Angle of thread	Basic pitch dia
4177-2R	2 3/8 REG	V-0.040	5	1:4	60°	2.365"
4177-21R	2 7/8 REG	V-0.040	5	1:4	60°	2.740"
4177-3R	3 1/2 REG	V-0.040	5	1:4	60°	3.240"
4177-4R	4 1/2 REG	V-0.040	5	1:4	60°	4.365"
4177-5R	5 1/2 REG	V-0.050	4	1:4	60°	5.234"
4177-6R	6 5/8 REG	V-0.050	4	1:6	60°	5.758"
4177-7R	7 5/8 REG	V-0.050	4	1:4	60°	6.715"
4177-8R	8 5/8 REG	V-0.050	4	1:4	60°	7.667"

Full-hole style gages

Part No.	Gage part no.	Form of thread to be inspected	Number of thread per inch	Taper	Angle of thread	Basic pitch dia
4177-3H	3 1/2 FH	V-0.040	5	1:4	60°	3.734"
4177-4H	4 1/2 FH	V-0.040	5	1:4	60°	4.532"
4177-5H	5 1/2 FH	V-0.050	4	1:6	60°	5.591"
4177-6H	6 5/8 FH	V-0.050	4	1:6	60°	6.520"

Internal-flush style gage

Part No.	Gage part no.	Form of thread to be inspected	Number of thread per inch	Taper	Angle of thread	Basic pitch dia
4177-5F	5 1/2 IF	V-0.065	4	1:6	60°	6.189"