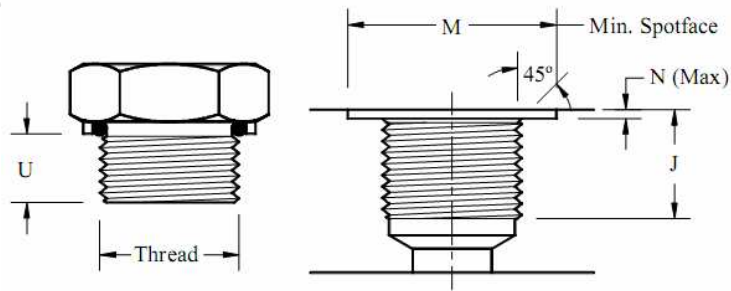


TIÊU CHUẨN REN ANH B.S.P.T. (REN CÔN) & B.S.P.P. (REN TRỤ)

B.S.P. Đường kính ren Inch	Đường kính đỉnh ren (đực) B.S.P.T. mm	Đường kính đỉnh ren (đực) B.S.P.P. mm	Đường kính đỉnh ren (cái) B.S.P.T. mm	Đường kính đỉnh ren (cái) B.S.P.P. mm
$\frac{1}{8}$ - 28	9.5	9.6	8.4	8.6
$\frac{1}{4}$ - 19	12.8	13	11.2	11.9
$\frac{3}{8}$ - 19	16.3	16.5	14.7	15.2
$\frac{1}{2}$ - 14	20.4	20.8	18.3	19.1
$\frac{5}{8}$ - 14	22.5	22.8	20.6	20.8
$\frac{3}{4}$ - 14	25.9	26.3	23.9	24.6
1 - 11	32.6	33.1	29.7	30.7
$1\frac{1}{4}$ - 11	41.1	41.8	38.6	39.4
$1\frac{1}{2}$ - 11	47.0	47.7	44.5	45.5
2 - 11	58.6	59.5	56.4	57.4
$2\frac{1}{2}$ - 11	74.1	75.1	71.9	72.96
3 - 11	86.6	87.9	84.6	85.4

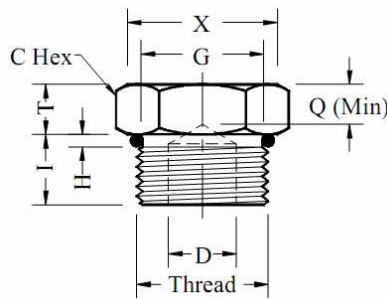
Tiêu chuẩn ren Anh (trụ) BSPP

Dash Size	Whitworth Thread	Major Dia.	Minor Dia.	U	M	N	J
-04	1/4"-19	13.21	11.43	9.40	21.59	1.50	10.92
-06	3/8"-19	16.76	14.99	9.40	25.40	1.50	10.92
-08	1/2"-14	21.08	18.80	12.95	30.23	1.50	13.97
-12	3/4"-14	26.42	24.13	12.95	36.58	1.50	16.00
-16	1"-11	33.27	30.23	16.00	45.97	1.98	19.05
-20	1-1/4"-11	41.91	39.12	16.00	57.15	1.98	21.08
-24	1-1/2"-11	47.75	44.96	16.00	63.50	1.98	21.08



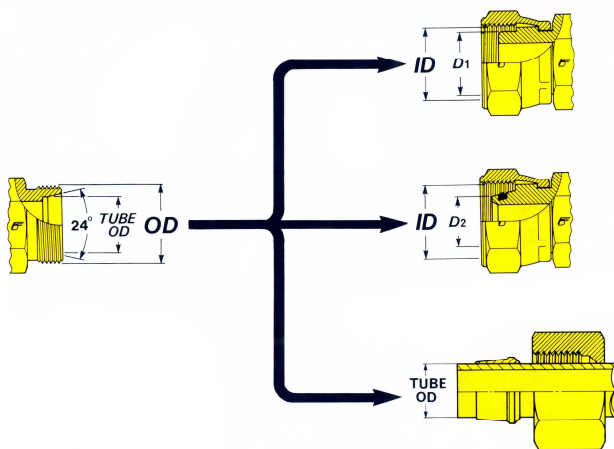
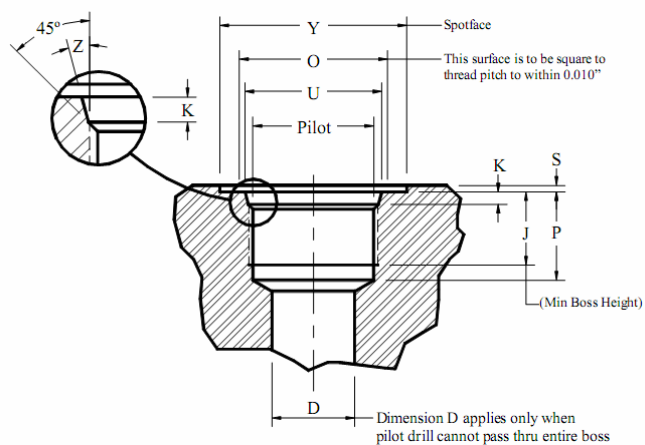
Các tiêu chuẩn ren ORB (O-Ring boss) – Đầu đực

Nom. Size	Dash No.	UNF Thread	C Hex	D $+0.127$ -0.000	G $+0.051$ -0.076	H $+0.381$ -0.000	I ± 0.127	T	Q	X	N70 O'Ring
1/8	-02	5/16"-24	7/16	2.36	6.35	1.60	7.54	3.18	1.52	11.13	2-902
3/16	-03	3/8"-24	1/2	3.18	7.95	1.60	7.54	3.18	2.03	12.70	2-903
1/4	-04	7/16"-20	9/16	5.16	9.25	1.91	9.14	3.96	2.54	14.30	2-904
5/16	-05	1/2"-20	5/8	5.94	10.85	1.91	9.14	3.96	3.05	15.88	2-905
3/8	-06	9/16"-18	11/16	7.54	12.24	2.11	9.93	4.78	4.06	17.48	2-906
1/2	-08	3/4"-16	7/8	10.72	16.76	2.39	11.13	4.78	5.59	22.23	2-908
5/8	-10	7/8"-14	1	12.70	19.63	2.72	12.70	6.35	6.35	25.40	2-910
3/4	-12	1-1/16"-12	1-1/4	16.66	24.00	3.18	15.09	7.95	6.35	31.75	2-912
7/8	-14	1-3/16"-12	1-3/8	18.24	27.18	3.18	15.09	7.95	6.35	34.93	2-914
1	-16	1-5/16"-12	1-1/2	22.23	30.35	3.18	15.09	9.53	6.35	38.10	2-916
1-1/4	-20	1-5/8"-12	1-7/8	27.76	38.28	3.18	15.09	9.53	6.35	47.63	2-920
1-1/2	-24	1-7/8"-12	2-1/8	34.14	44.60	3.18	15.09	9.53	6.35	53.98	2-924
2	-32	2-12"-12	2-3/4	46.05	60.48	3.18	15.09	9.53	7.62	69.85	2-932



Các tiêu chuẩn ren ORB (O-ring boss) – Đầu cái

Nom. Size	Dash No.	UNF Thread	Y	O	U $+0.127$ -0.000	Pilot Drill	K $+0.381$ -0.000	S	J	P	D	Z $\pm 1^\circ$
1/8	-02	5/16" - 24	17.07	11.13	9.09	I	1.88	1.57	9.91	11.89	1.57	12
3/16	-03	3/8" - 24	19.05	12.70	10.69	Q	1.88	1.57	9.91	11.89	3.18	12
1/4	-04	7/16" - 20	21.03	14.30	12.37	9.921875	2.36	1.57	11.53	13.89	4.37	12
5/16	-05	1/2" - 20	23.01	15.88	13.97	11.509375	2.36	1.57	11.53	13.89	5.94	12
3/8	-06	9/16" - 18	24.61	17.48	15.65	13.096875	2.46	1.57	12.70	15.47	7.54	12
1/2	-08	3/4" - 16	30.18	22.23	20.60	17.4625	2.54	2.39	14.27	17.48	9.93	15
5/8	-10	7/8" - 14	34.14	25.40	23.93	20.6375	2.54	2.39	16.66	19.84	12.29	15
3/4	-12	1-1/16" - 12	41.28	31.75	29.16	25.003125	3.30	2.39	19.05	23.01	15.47	15
7/8	-14	1-3/16" - 12	44.83	34.93	32.33	25.4-2.38	3.30	2.39	19.05	23.01	18.26	15
1	-16	1-5/16" - 12	48.51	38.10	35.51	25.4-5.95	3.30	3.18	19.05	23.01	21.44	15
1-1/4	-20	1-5/8"-12	57.66	47.63	43.51	25.4-13.49	3.35	3.18	19.05	23.01	27.38	15
1-1/2	-24	1-7/8"-12	65.02	53.98	49.83	25.4-20.24	3.35	3.18	19.05	23.01	33.32	15
2	-32	2-1/2"-12	88.39	69.85	65.71	50.8-10.72	3.35	3.18	19.05	2.44	45.24	15

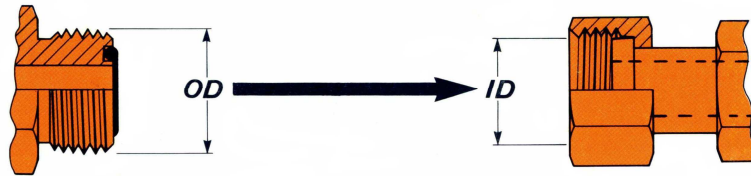


TIÊU CHUẨN REN METRIC - HEAVY SERIES

ĐẦU ĐỤC ĐƯỜNG KÍNH ĐỈNH REN mm	ĐƯỜNG KÍNH ỐNG O.D. mm	ĐẦU CÁI ĐƯỜNG KÍNH ĐỈNH REN mm	D1 DIA. mm	D2 DIA. mm
M14 x 1.5	6	12.5	7.5	-
M16 x 1.5	8	14.5	9.5	8.2
M18 x 1.5	10	16.5	12	10.3
M20 x 1.5	12	18.5	14	12.3
M22 x 1.5	14	20.5	16	13.8
M24 x 1.5	16	22.5	18	15.8
M30 x 2.0	20	28	22.5	19.8
M36 x 2.0	25	34	27.5	24.8
M42 x 2.0	30	40	32.5	29.9
M52 x 2.0	38	50	40.5	37.9

TIÊU CHUẨN REN METRIC - LIGHT SERIES

ĐẦU ĐỤC ĐƯỜNG KÍNH ĐỈNH REN mm	ĐƯỜNG KÍNH ỐNG CỨNG O.D. mm	ĐẦU CÁI ĐƯỜNG KÍNH ĐỈNH REN I.D. mm	D1 DIA. Mm
*M12 x 1.5	6	10.5	7.5
*M14 x 1.5	8	12.5	9.5
*M16 x 1.5	10	14.5	11.5
*M18 x 1.5	12	16.5	14.5
*M22 x 1.5	15	20.5	17.5
*M26 x 1.5	18	24.5	20
M30 x 2.0	22	28	24
M36 x 2.0	28	34	30
M45 x 2.0	35	43	37.5
M52 x 2.0	42	50	44.5



TIÊU CHUẨN REN O.R.F.S.

ĐẦU ĐỤC O.D. & BƯỚC REN INS	ĐẦU CÁI I.D mm
$\frac{9}{16}$ - 18 UNF	12.9
$\frac{11}{16}$ - 16 UN	16
$\frac{13}{16}$ - 16 UN	19.1
1 - 14 UNS	23.6
$1\frac{3}{16}$ - 12 UN	28.2
$1\frac{7}{16}$ - 12 UN	34.3
$1\frac{11}{16}$ - 12 UN	40.6
2 - 12 UN	48.8