

THREAD REFERENCE TABLES

Thread Type	Thread	Peppers Reference	Pitch	TPI	Major Dia	Thread Length	Max Clearance Hole Dia
ISO Metric IEC 60423	M16	M16	1.50	16.93	15.97	16.0	16.7
	M20	M20	1.50	16.93	19.97	16.0	20.7
	M25	M25	1.50	16.93	24.97	16.0	25.7
	M32	M32	1.50	16.93	31.97	16.0	32.7
	M40	M40	1.50	16.93	39.97	16.0	40.7
	M50	M50	1.50	16.93	49.97	16.0	50.7
	M63	M63	1.50	16.93	62.97	19.0	63.7
	M75	M75	1.50	16.93	74.97	19.0	75.7
	M80	M80	2.00	12.70	79.97	25.0	80.7
	M85	M85	2.00	12.70	84.97	25.0	85.7
	M90	M90	2.00	12.70	89.97	25.0	90.7
M100	M100	2.00	12.70	99.97	25.0	100.7	

Thread Type	Thread	Peppers Reference	Pitch	TPI	Major Dia	Thread Length	Max Clearance Hole Dia
NPT ANSI B1.20.1	1/2"	050NPT	1.81	14.0	21.34	19.9	22.04
	3/4"	075NPT	1.81	14.0	26.67	20.1	27.37
	1"	100NPT	2.20	11.5	33.40	25.0	34.10
	1-1/4"	125NPT	2.20	11.5	42.16	25.6	42.86
	1-1/2"	150NPT	2.20	11.5	48.26	26.0	48.96
	2"	200NPT	2.20	11.5	60.33	26.9	61.03
	2-1/2"	250NPT	3.18	8.0	73.03	39.9	73.73
	3"	300NPT	3.18	8.0	88.90	41.5	89.60
	3-1/2"	350NPT	3.18	8.0	101.60	42.8	102.30
	4"	400NPT	3.18	8.0	114.30	44.0	115.0

Thread Type	Thread	Peppers Reference	Pitch	TPI	Major Dia	Thread Length	Max Clearance Hole Dia
NPS ANSI B1.20.1	1/2"	050NPS	1.81	14.0	20.90	19.9	21.60
	3/4"	075NPS	1.81	14.0	26.26	20.2	26.96
	1"	100NPS	2.20	11.5	32.84	25.0	33.54
	1-1/4"	125NPS	2.20	11.5	41.61	25.6	42.31
	1-1/2"	150NPS	2.20	11.5	47.68	26.0	48.87
	2"	200NPS	2.20	11.5	59.72	26.9	60.42
	2-1/2"	250NPS	3.18	8.0	72.16	39.9	72.86
	3"	300NPS	3.18	8.0	88.06	41.5	88.76
	3-1/2"	350NPS	3.18	8.0	100.78	42.8	101.48
	4"	400NPS	3.18	8.0	113.43	44.0	114.13

Thread Type	Thread	Peppers Reference	Pitch	TPI	Major Dia	Thread Length	Max Clearance Hole Dia
PG DIN 40430	PG7	PG7	1.27	20.0	12.50	16.0	13.20
	PG9	PG9	1.41	18.0	15.20	16.0	15.90
	PG11	PG11	1.41	18.0	18.60	16.0	19.30
	PG13.5	PG13.5	1.41	18.0	20.40	16.0	21.10
	PG16	PG16	1.41	18.0	22.50	16.0	23.20
	PG21	PG21	1.59	16.0	28.30	16.0	29.00
	PG29	PG29	1.59	16.0	37.00	16.0	37.70
	PG36	PG36	1.59	16.0	47.00	16.0	47.70
	PG42	PG42	1.59	16.0	54.00	16.0	54.70
	PG48	PG48	1.59	16.0	59.30	16.0	60.00

Thread Type	Thread	Peppers Reference	Pitch	TPI	Major Dia	Thread Length	Max Clearance Hole Dia
ISO PIPE PARALLEL ISO R7 BS2779 (BSP, R&PF)	1/2"	050BSP	1.81	14.0	20.96	19.9	21.66
	3/4"	075BSP	1.81	14.0	26.44	20.2	27.14
	1"	100BSP	2.31	11.0	33.25	25.0	33.95
	1-1/4"	125BSP	2.31	11.0	41.91	25.6	42.61
	1-1/2"	150BSP	2.31	11.0	47.80	26.0	48.50
	2"	200BSP	2.31	11.0	59.61	26.9	60.31
	2-1/2"	250BSP	2.31	11.0	75.18	39.9	75.88
	3"	300BSP	2.31	11.0	87.88	41.5	88.58
	3-1/2"	350BSP	2.31	11.0	100.33	42.8	101.03
	4"	400BSP	2.31	11.0	113.03	44.0	113.73

Thread Type	Thread	Peppers Reference	Pitch	TPI	Major Dia	Thread Length	Max Clearance Hole Dia
ISO PIPE TAPER ISO R7 BS21 (BSPT & GK)	1/2"	050BST	1.81	14.0	20.96	19.9	21.66
	3/4"	075BST	1.81	14.0	26.44	20.2	27.14
	1"	100BST	2.31	11.0	33.25	15.0	33.95
	1-1/4"	125BST	2.31	11.0	41.91	25.6	42.61
	1-1/2"	150BST	2.31	11.0	47.80	26.0	48.50
	2"	200BST	2.31	11.0	59.61	26.9	60.31
	2-1/2"	250BST	2.31	11.0	75.18	39.9	75.88
	3"	300BST	2.31	11.0	87.88	41.5	88.58
	3-1/2"	350BST	2.31	11.0	100.33	42.8	101.03
	4"	400BST	2.31	11.0	113.03	44.0	113.73

Glands are available with Metric or NPT threads as standard. All other thread forms are manufactured to order