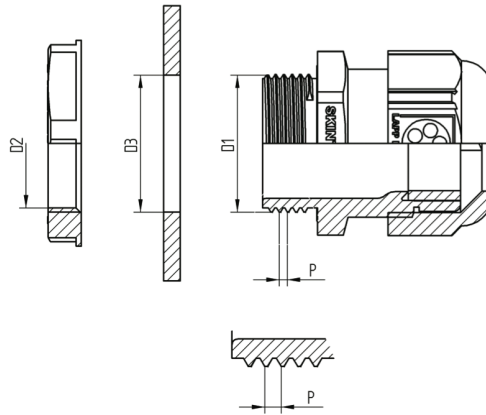


# Threading Dimensions

For SKINTOP® Cable Glands



## NPT Thread Technical Data for Assembly ASA B2.1-1945

Thread Size	D1 Core Diameter		P Pitch		D3 Nominal Thread Bore Diameter	
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)
NPT 1/4"	0.539	13.7	0.055	1.41	0.551 ± 0.008	14.0 ± 0.2
NPT 3/8"	0.673	17.1	0.055	1.41	0.685 ± 0.008	17.4 ± 0.2
NPT 1/2"	0.839	21.3	0.071	1.81	0.851 ± 0.008	21.6 ± 0.2
NPT 3/4"	1.051	26.7	0.071	1.81	1.063 ± 0.008	27.0 ± 0.2
NPT 1"	1.315	33.4	0.087	2.21	1.327 ± 0.008	33.7 ± 0.2
NPT 1 1/4"	1.662	42.2	0.087	2.21	1.674 ± 0.008	42.5 ± 0.2
NPT 1 1/2"	1.903	48.3	0.087	2.21	1.918 ± 0.008	48.7 ± 0.2
NPT 2"	2.375	60.3	0.087	2.21	2.391 ± 0.008	60.7 ± 0.2

## PG Thread Technical Data for Assembly DIN 40430

Thread Size	D1 Core Diameter		P Pitch		D2 Outside Diameter		D3 Nominal Thread Bore Diameter	
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)
PG 7	0.492	12.5	0.050	1.27	0.445	11.3	0.512 ± 0.008	13.0 ± 0.2
PG 9	0.598	15.2	0.055	1.41	0.547	13.9	0.618 ± 0.008	15.7 ± 0.2
PG 11	0.732	18.6	0.055	1.41	0.681	17.3	0.748 ± 0.008	19.0 ± 0.2
PG 13	0.803	20.4	0.055	1.41	0.752	19.1	0.827 ± 0.008	21.0 ± 0.2
PG 16	0.886	22.5	0.055	1.41	0.835	21.2	0.906 ± 0.008	23.0 ± 0.2
PG 21	1.115	28.3	0.061	1.56	1.055	26.8	1.134 ± 0.008	28.8 ± 0.2
PG 29	1.457	37.0	0.061	1.56	1.398	35.5	1.477 ± 0.012	37.5 ± 0.3
PG 36	1.851	47.0	0.061	1.56	1.792	45.5	1.871 ± 0.012	47.5 ± 0.3
PG 42	2.127	54.0	0.061	1.56	2.068	52.5	2.147 ± 0.012	54.5 ± 0.3
PG 48	2.336	59.3	0.061	1.56	2.277	57.8	2.356 ± 0.012	59.8 ± 0.3

## Metric Thread Technical Data for Assembly, EN 60423 (for cable glands EN 50 262)

Thread Size	D1 Core Diameter		P Pitch		D2 Outside Diameter		D3 Nominal Thread Bore Diameter	
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)
M12 x 1.5	0.472	12.0	0.059	1.50	0.417	10.6	0.484 ± 0.008	12.3 ± 0.2
M16 x 1.5	0.630	16.0	0.059	1.50	0.575	14.6	0.642 ± 0.008	16.3 ± 0.2
M20 x 1.5	0.788	20.0	0.059	1.50	0.732	18.6	0.799 ± 0.008	20.3 ± 0.2
M25 x 1.5	0.985	25.0	0.059	1.50	0.929	23.6	0.996 ± 0.008	25.3 ± 0.2
M32 x 1.5	1.260	32.0	0.059	1.50	1.205	30.6	1.272 ± 0.008	32.3 ± 0.2
M40 x 1.5	1.576	40.0	0.059	1.50	1.520	38.6	1.591 ± 0.012	40.4 ± 0.3
M50 x 1.5	1.970	50.0	0.059	1.50	1.914	48.6	1.985 ± 0.012	50.4 ± 0.3
M63 x 1.5	2.482	63.0	0.059	1.50	2.427	61.6	2.497 ± 0.012	63.4 ± 0.3
M75 x 1.5	2.955	75.0	0.059	1.50	2.899	73.6	2.969 ± 0.012	75.4 ± 0.3
M90 x 2.0	3.546	90.0	0.078	2.00	3.498	88.8	3.559 ± 0.012	90.4 ± 0.3
M110 x 2.0	4.334	110.0	0.078	2.00	4.286	108.8	4.347 ± 0.012	110.4 ± 0.3