

Material:

- Body: Polyamide 6
- Seal: Neoprene
- Flat Seal: Neoprene
- Color: Blue

Technical Properties:

- Maximum strain relief through clamping range
- Trapezoidal thread with high torque guarantees tight and permanent fit of the dome nut
- Gas tight and watertight

Applications:

- Explosion endangered areas
- Machines and devices
- Measuring and control engineering
- Plant installations

Temperature Range

-35 to 95°C
(-31 to 203°F)



L.C.I.E.

ATEX



ATEX Characteristics:

Certificate: LCIE 07 ATEX 6082X

Type of protection: Ex e

Test Standards: EN60079-0
EN60079-7
EN61241-0
EN61241-1

Device Group: II

Category: 2 and 3

Atmosphere: G/D

Zone: 1, 2, 21 and 22

NPT Thread

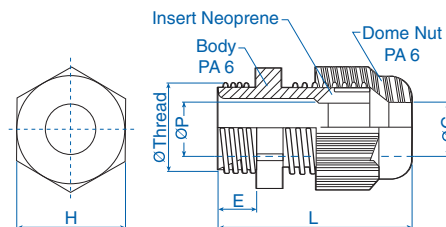
Outer thread	Clamping range mm	Cat. No. Blue	Std. Pk.
NPT 3/8"	5-8	5507760	50
NPT 1/2"	7-12	5507761	50
NPT 3/4"	12-18	5507762	20
NPT 1"	16-25	5507763	20

Metric Thread*

Outer thread	Clamping range mm	Cat. No. Blue	Std. Pk.
M 12 x 1.5	4-6.5	5507560	50
M 16 x 1.5/9	5-8	5507561	50
M 16 x 1.5/11	5-10	5507562	50
M 20 x 1.5/13	7-12	5507563	50
M 20 x 1.5/16	10-14	5507564	50
M 25 x 1.5/16	10-14	5507565	20
M 25 x 1.5/21	12-18	5507566	20
M 32 x 1.5	16-25	5507567	20
M 40 x 1.5	22-32	5507568	20
M 50 x 1.5	28-38.5	5507569	10
M 63 x 1.5	40-48	5507570	5

Dimensions

Thread Size	H mm	E mm	L mm	ØC mm	ØP mm	ØThread mm
NPT 3/8	19	11	38	8.5	8.7	17.1
NPT 1/2	24	14	44	12.5	12.5	21.2
NPT 3/4	33	15	54	18.5	18.5	26.7
NPT 1	42	18	60	25.5	25.5	33.3
M12x1.5	15	8	32	6.7	6.8	12.0
M16x1.5/9	19	10	37	8.5	8.5	16.0
M16x1.5/11	22	10	39	10.5	10.5	16.0
M20x1.5/13	24	10	40	12.5	12.5	20.0
M20x1.5/16	27	10	43	14.5	14.5	20.0
M25x1.5/16	27	10	45	14.5	14.5	25.0
M25x1.5/21	33	10	49	18.5	18.5	25.0
M32x1.5	42	10	52	25.5	25.5	32.0
M40x1.5	53	10	62	32.5	32.5	40.0
M50x1.5	60	12	67	39.0	39.0	50.0
M63x1.5	70	12	68	48.5	48.5	63.0



* Extended thread available consult Altech

Locknuts sold separately, see page 24.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Altech:](#)

[5507050](#) [5507051](#) [5507052](#) [5507053](#) [5507054](#) [5507055](#) [5507250](#) [5507251](#) [5507252](#) [5507253](#) [5507254](#)
[5508050](#) [5508051](#) [5508052](#) [5508053](#) [5508054](#) [5508055](#) [5808250](#) [5808251](#) [5808252](#) [5808253](#)