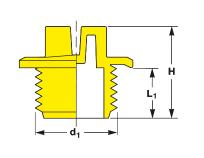


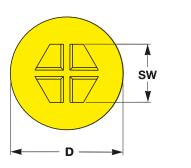
## Threaded Sealing Plugs with drain head design

## Special head design allows all fluids to drain off. Perfectly seal internal threads to avoid unwanted fluid leakage









### Metric DIN 3852-1 / DIN ISO 6149-1

					All dimensions in mm	
Thread Size	Flange	Thread Length	Total height	Spanner Size	Reference No.	
d1	D	L1	Н	SW		
M 10 × 1	14.2	8.0	15.0	7.0	EP 445 – M 10 × 1	
M 12 × 1.5	17.2	11.0	18.0	10.0	EP 445 – M 12 × 1.5	
M 14 × 1.5	19.3	11.0	19.0	10.0	EP 445 – M 14 × 1.5	
M 16 × 1.5	22.0	11.0	21.0	13.0	EP 445 – M 16 × 1.5	
M 18 × 1.5	24.1	11.0	21.0	13.0	EP 445 – M 18 × 1.5	
M 20 × 1.5	26.0	11.0	21.0	15.0	EP 445 – M 20 × 1.5	
M 22 × 1.5	27.2	11.0	21.0	15.0	EP 445 – M 22 × 1.5	
M 26 × 1.5	32.0	13.5	23.5	19.0	EP 445 – M 26 × 1.5	
M 27 × 2	32.3	11.0	21.0	19.0	EP 445 – M 27 × 2	
M 33 × 2	40.4	13.5	23.5	24.0	EP 445 – M 33 × 2	
M 42 × 2	50.0	13.5	23.5	24.0	EP 445 – M 42 × 2	
M 48 × 2	55.4	13.5	24.5	30.0	EP 445 – M 48 × 2	
M 60 × 2	68.5	13.5	24.5	30.0	EP 445 – M 60 × 2	

Material : Premium, impact resistant Nylon (PA 6)

Standard Colour : yellow

Special head design allows all flui to drain off. Perfectly seal internal threads to avoid unwanted fluid leakage.



DIN EN ISO 228-1 / DIN 3852-2					All dimensions in mm	
Thread Size	Flange	Thread Length	Total height	Spanner Size	Reference No.	
d <sub>1</sub>	D	L <sub>1</sub>	н	SW		
G 1/4	19.4	7.5	15.8	10.0	EP 445 – G .1/4"	
G 3/8	22.4	7.5	17.5	13.0	EP 445 – G .3/8"	
G 1/2	27.4	9.5	19.5	15.0	EP 445 – G .1/2"	
G 3/4	32.4	9.5	19.5	19.0	EP 445 – G .3/4"	
G 1	40.0	9.5	21.5	24.0	EP 445 – G 1."	
G 1 1/4	50.4	11.5	22.5	24.0	EP 445 – G 1.1/4"	
G 1 1/2	55.4	11.5	22.5	30.0	EP 445 – G 1.1/2"	
ISO 11926-1					All dimensions in mm	
9/16 - 18 UNF	17.8	11.0	18.0	10.0	EP 445 – 9/16" – 18 UNF	
	Chread Size   d1   G 1/4   G 3/8   G 1/2   G 3/4   G 1   G 1   G 1   G 1   G 1   G 1   G 1   G 1   JSO 11926-1	Thread Size Flange   d1 D   G 1/4 19.4   G 3/8 22.4   G 1/2 27.4   G 3/4 32.4   G 1 40.0   G 1 1/4 50.4   G 1 1/2 55.4   ISO 11926-1 Iso	Thread Size Flange Thread Length   d1 D L1   G 1/4 19.4 7.5   G 3/8 22.4 7.5   G 1/2 27.4 9.5   G 3/4 32.4 9.5   G 1 40.0 9.5   G 1 1/4 50.4 11.5   G 1 1/2 55.4 11.5   ISO 11926-1 Image: Note that the state of t	Thread Size Flange Thread Length Total height   d1 D L1 H   G 1/4 19.4 7.5 15.8   G 3/8 22.4 7.5 17.5   G 1/2 27.4 9.5 19.5   G 3/4 32.4 9.5 19.5   G 1 1/4 50.4 11.5 22.5   G 1 1/2 55.4 11.5 22.5   ISO 11926-1 Image: Note that the second sec	Thread Size Flange Thread Length Total height Spanner Size   d1 D L1 H SW   G 1/4 19.4 7.5 15.8 10.0   G 3/8 22.4 7.5 17.5 13.0   G 1/2 27.4 9.5 19.5 15.0   G 3/4 32.4 9.5 19.5 19.0   G1 40.0 9.5 21.5 24.0   G1 1/4 50.4 11.5 22.5 30.0   ISO 11926-1 Iso Iso Iso Iso	

Should your requirements not be shown please ask for separate quotation. PROTEC products and specifications are subject to improvement and change without notice.



**+** 49 - 40 - 713 87 62

# Threaded Sealing Plugs with drain head design

Special head design allows all fluids to drain off. Perfectly seal internal threads to avoid unwanted fluid leakage

## TRIPLE ADVANTAGE of PROTEC CAPTOP

**QUALITY.** To protect unified/straight threaded ports and fittings according to DIN 3852-1 Metric, ISO 6149-1 BSP, SAE J 1926 UN/UNF. This plug is engineered with five complete threads to provide a tight fit. The "sealing lip" enables each plug to provide a secure seal to a specific torque for each size.

EP 445 plugs can be fitted and removed with a screwdriver, socket wrench, power tool or by hand. Nylon offers high resistance against hydraulic fluids, acids, base alkalines and solvents.

**AVAILABILITY.** With over 400 million moulded components shipped from our Oststeinbek / Hamburg logistics center we provide the fastest on time delivery service to all markets and industries.

PHILOSOPHY. Innovative protective closures at the best price in the market.



Material : Premium, impact resistant Nylon (PA 6)

Standard Colour : yellow

### Individual Productions :

On request we develop and produce individually tailored solutions next to the standard items of this range: additional dimensions, different materials and new colours

We would be pleased to advise you.



CAPTOP

EP 445

Free samples: protec.de/ep445