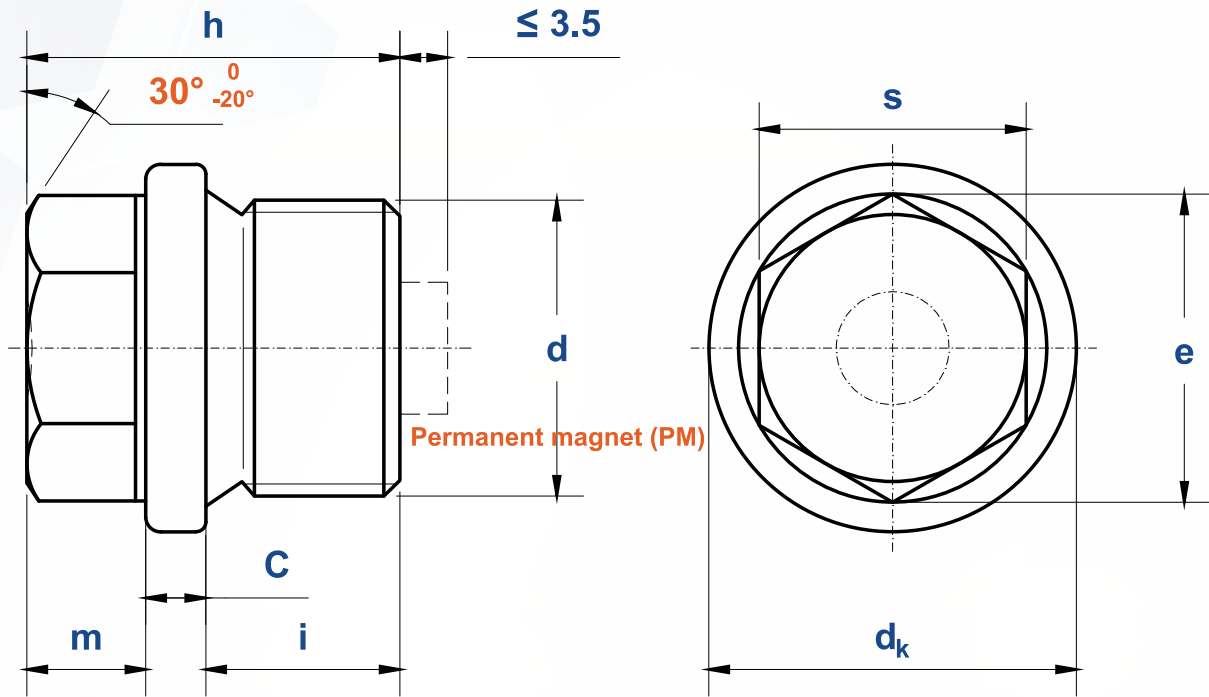




Thread Size d			M10 G 1/8 A	M12	G 1/4A #	G 1/4A	M14	M16	G 3/8A #	G 3/8A	M18	M20	G 1/2A #	G 1/2A	M22	M24	M26
P	pitch 1		1	1.5	-	-	1.5	1.5	-	-	1.5	1.5	-	-	1.5	1.5	1.5
	pitch 2		-	-	-	-	-	-	-	-	-	2*	-	-	-	-	-
d	Pipe thread		G 1/8 A	-	G 1/4A#	G 1/4A	-	-	G 3/8A#	G 3/8A	-	-	G 1/2A#	G 1/2A	-	-	-
c	min=nominal size		3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
	max		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
d _k	max=nominal size		14	17	18	18	19	21	22	22	23	25	26	26	27	29	31
	min		13.57	16.57	17.57	17.57	18.48	20.48	21.48	21.48	22.48	24.48	25.48	25.48	26.48	28.48	30.38
e	DIN 475-1	min	-	-	-	-	-	18.72	18.72	18.72	18.72	20.88	20.88	20.88	20.88	23.91	-
	DIN ISO 272	min	10.89	14.20	14.20	14.20	14.20	17.59	17.59	17.59	17.59	19.85	19.85	19.85	19.85	22.78	26.17
i	Nominal Size		8	12	8	12	12	12	8	12	12	14	10	14	14	14	16
	min		7.8	11.8	7.8	11.8	11.8	11.8	7.8	11.8	11.8	13.8	9.8	13.8	13.8	13.8	15.8
	max		8.2	12.2	8.2	12.2	12.2	12.2	8.2	12.2	12.2	14.2	10.2	14.2	14.2	14.2	16.2
h	≈		17	21	17	21	21	21	17	21	24	26	22	26	26	27	30
m	Nominal Size		6	6	6	6	6	6	6	6	8	8	8	8	8	9	10
	min		5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	7.71	7.71	7.71	7.71	7.71	8.71	9.71
	max		6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.24	8.29	8.29	8.29	8.29	8.29	9.29	10.29
s	DIN 475-1	max	-	-	-	-	-	17	17	17	17	19	19	19	19	22	-
		min	-	-	-	-	-	16.57	16.57	16.57	16.57	18.48	18.48	18.48	18.48	21.16	-
	DIN ISO 272	max	10	13	13	13	13	16^	16^	16^	16^	18^	18^	18^	18^	21^	24
		min	9.64	12.57	12.57	12.57	12.57	15.57	15.57	15.57	15.57	17.57	17.57	17.57	17.57	20.16	23.16
per 1000 units=kg			12	20.3	20	23.8	25	35.2	32.2	38.1	48.6	64.5	57.8	66.6	73.4	93.5	120

①, * Only for closing threaded holes for indexing valves.

②, # These sizes with short screw i are to be avoided as far as possible. If they are required in exceptional cases, the threading length must be indicated in the designation, eg: Screw plug DIN 910 - G 1/4 A × 8 - St

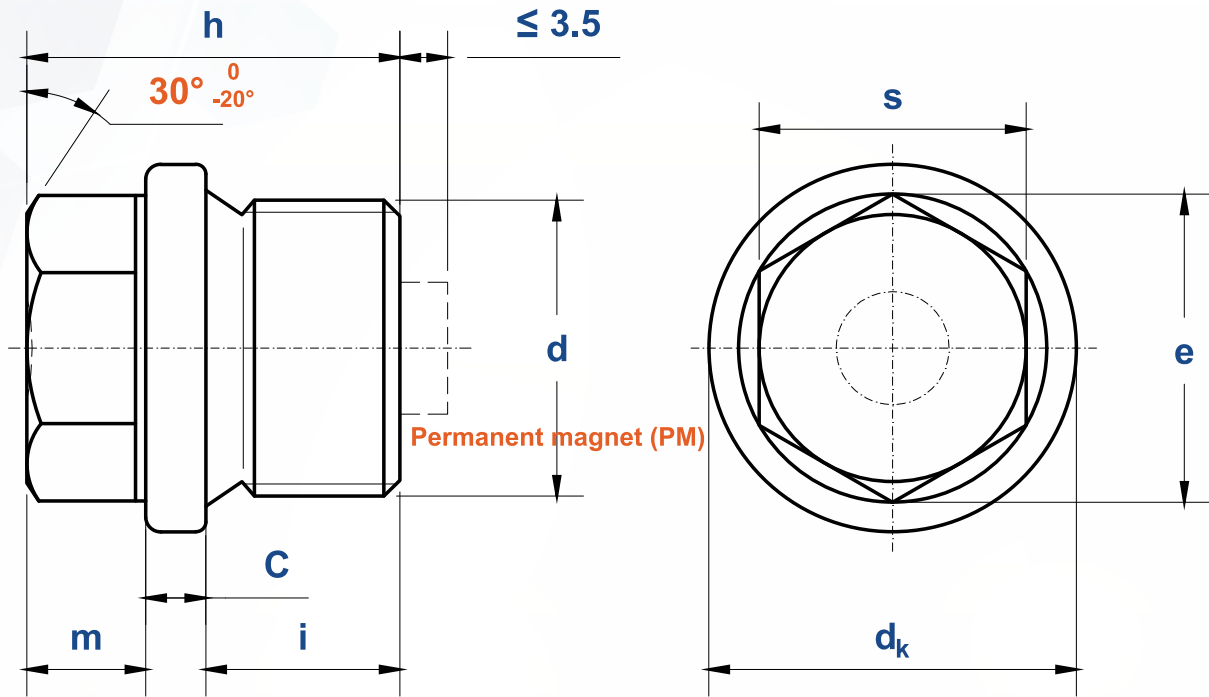
③, ! For the width across flats SW 16, SW 18, and SW 21, the data of width across flats must be indicated in the designation in order to avoid confusion.

④, Weights are slightly different for different widths across flats.

⑤, The pipe thread corresponds to DIN EN ISO 228-1

⑥, Metric fine thread according to DIN 13-5, -6 or -7

⑦, The screws can also be delivered with a permanent magnet (PM). The manufacturer is free to measure and design the magnet and the installation space.



Thread Size d			G 3/4A #	M27 G 3/4A	M30	M33 G 1A	M36	M38 G 1 1/8A	M39	M42 G 1 1/4A	M45	M48 G 1 1/2A	M52	G 1 3/4A	M56	M60 G 2A	M64
P	pitch 1		-	-	1.5	-	1.5	1.5	-	1.5	1.5	1.5	1.5	-	-	-	-
	pitch 2		-	2	2	2	2	-	2	2	2	2	2	-	2	2	2
d	Pipe thread		G 3/4A#	G 3/4A	-	G 1A	-	G 1 1/8A	-	G 1 1/4A	-	G 1 1/2A	-	G 1 3/4A	-	G 2A	-
c	min=nominal size		4	4	4	5	5	5	5	5	5	5	5	5	5	5	5
	max		4.5	4.5	4.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
d _k	max=nominal size		32	32	36	39	42	44	46	49	52	55	60	62	64	68	72
	min		31.38	31.38	35.38	38.38	41.38	43.38	45.38	48.38	51.26	54.26	59.26	61.26	63.26	67.26	71.26
e	DIN 475-1	min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIN ISO 272	min	26.17	26.17	26.17	29.56	29.56	29.56	29.56	32.95	32.95	32.95	32.95	39.55	39.55	39.55	39.55
i	Nominal Size		12	16	16	16	16	16	16	16	16	16	16	20	20	20	20
	min		11.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	19.8	19.8	19.8	19.8
	max		12.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	20.2	20.2	20.2	20.2
h	≈		26	30	30	32	32	32	32	33	33	33	33	40	40	40	40
m	Nominal Size		10	10	10	11	11	11	11	12	12	12	12	15	15	15	15
	min		9.71	9.71	9.71	10.65	10.65	10.65	10.65	11.65	11.65	11.65	11.65	14.65	14.65	14.65	14.65
	max		10.29	10.29	10.29	11.35	11.35	11.35	11.35	12.35	12.35	12.35	12.35	15.35	15.35	15.35	15.35
s	DIN 475-1	max	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		min	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIN ISO 272	max	24	24	24	27	27	27	27	30	30	30	30	36	36	36	36
		min	23.16	23.16	23.16	26.16	26.16	26.16	26.16	29.16	29.16	29.16	29.16	35	35	35	35
per 1000 units≈kg			109	127	148	195	220	238	255	300	340	375	430	572	620	695	774

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- ! For the width across flats SW 16, SW 18, and SW 21, the data of width across flats must be indicated in the designation in order to avoid confusion.
- Weights are slightly different for different widths across flats.
- The pipe thread corresponds to DIN EN ISO 228-1
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