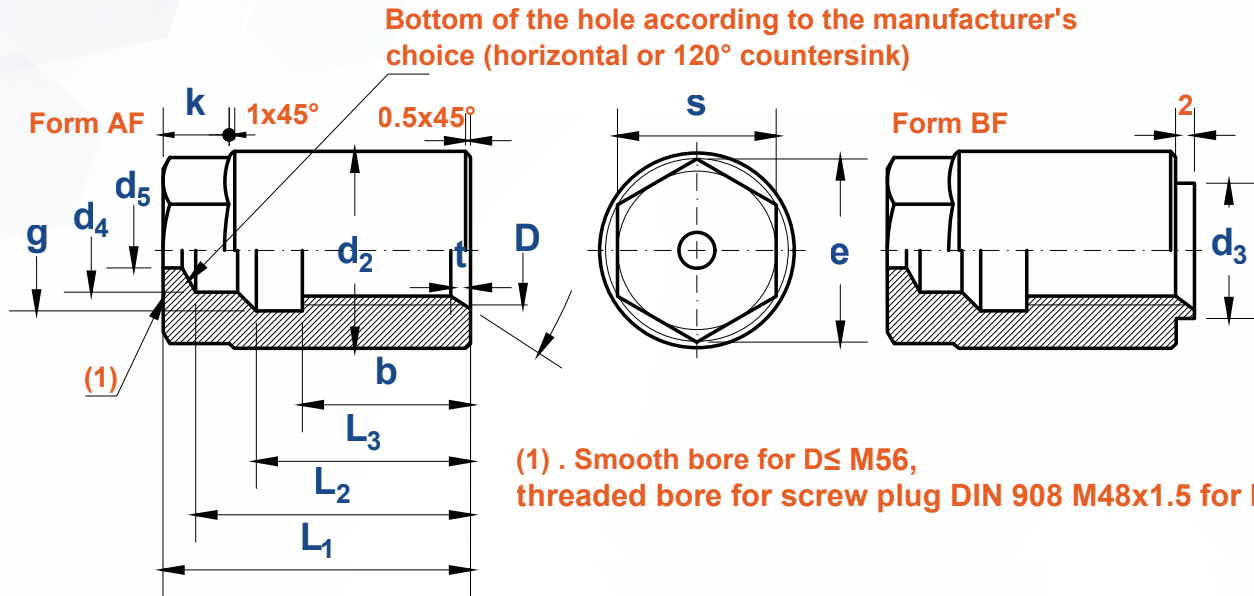
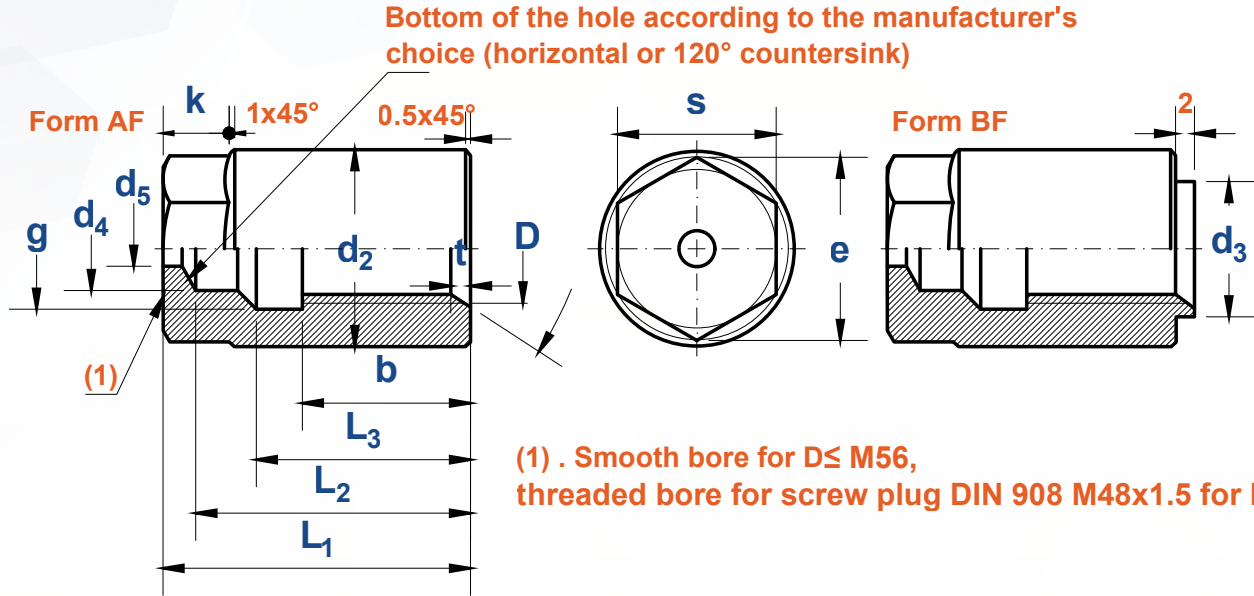




Nominal Diameter D		M12	M16	M20	M24	M27	M30	M33	M36	M39	M42	M45
P	Pitch	1.75	2	2.5	3	3	3.5	3.5	4	4	4.5	4.5
b		18	20.5	24	27.5	30.5	35	38	40.5	43	46	48.5
d ₂		21	26	31	35	40	45	49	53.5	58.5	63.5	68.5
d ₃		14.5	18.5	22.5	26.5	30.5	33.5	36.5	39.5	42.5	45.5	49.5
d ₅	①	4	6	6	10	10	10	10	10	10	10	10
e	min	18.9	21.1	26.75	30.14	35.72	39.98	45.63	45.63	51.28	55.8	55.8
k		7	10	13	14	16	17	22	22	23	23	26
L ₁		33	40	49	56	62	68	77	82	86	92	98
L ₂		29.5	34.5	40	45.5	50.5	55	60	64.5	67	72	74.5
L ₃		23	27.5	32	37.5	40.5	45	48	52.5	55	60	62.5
g		13	17	21	25	28	31	34	37	40	43	46
s		17	19	24	27	32	36	41	41	46	50	50
t		2	2	2.5	3	3	3.5	3.5	4	4	4.5	4.5
d ₄		9	13	15	17.5	20	23	26	28	31.5	33.5	36
per 1000 units≈kg		70	110	190	240	370	510	700	840	1070	1370	1600

①, Smooth bore for $D \leq M56$, threaded bore for screw plug DIN 908 M48x1.5 for $D \geq M64$.



Nominal Diameter D		M48	M52	M56	M64	M72	M80	M90	M100	M110	(M120)
P	Pitch	5	5	5.5	6	6	6	6	6	6	6
b		53.5	57	60.5	69.5	77	84	93	102	111	120
d ₂		73.5	78.5	83.5	93.5	105	115	130	146	160	176
d ₃		53.5	57.5	63	71	79	87	97	107	119	129
d ₅	^①	10	10	10	M48×1.5	M48×1.5	M48×1.5	M48×1.5	M48×1.5	M48×1.5	M48×1.5
e	min	61.31	66.96	72.61	83.91	89.56	100.72	117.67	134.62	151.42	162.72
k		26	27	27	32	32	36	41	45	50	54
L ₁		103	109	115	130	140	152	168	183	199	214
L ₂		81.5	85	90.5	99.5	107	114	123	132	141	152
L ₃		67.5	71	76.5	85.5	93	100	109	118	127	136
g		49	53	57	65	73	81	91	101	111	121
s		55	60	65	75	80	90	105	120	135	145
t		5	5	5.5	6	6	6	6	6	6	6
d ₄		39	42	47.5	54	58	65	77	89	100	108
per 1000 units≈kg		1900	2400	2900	4200	5700	7300	10700	14800	19900	20100

①, Smooth bore for $D \leq M56$, threaded bore for screw plug DIN 908 M48x1.5 for $D \geq M64$.