

Nominal Diameter D		M12	M16	M20	M24	M27	M30	M33	M36	M39	M42	M45
P	Pitch	1.75	2.0	2.5	3.0	3.0	3.5	3.5	4.0	4.0	4.5	4.5
b		18.0	20.5	24.0	27.5	30.5	35.0	38.0	40.5	43.0	46.0	48.5
d <sub>2</sub>		21.0	26.0	31.0	35.0	40.0	45.0	49.0	53.5	58.5	63.5	68.5
d <sub>3</sub>		14.5	18.5	22.5	26.5	30.5	33.5	36.5	39.5	42.5	45.5	49.5
d <sub>5</sub>	①	4.0	6.0	6.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
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		7.0	10.0	13.0	14.0	16.0	17.0	22.0	22.0	23.0	23.0	26.0
L <sub>1</sub>		33.0	40.0	49.0	56.0	62.0	68.0	77.0	82.0	86.0	92.0	98.0
L <sub>2</sub>		29.5	34.5	40.0	45.5	50.5	55.0	60.0	64.5	67.0	72.0	74.5
L <sub>3</sub>		23.00	27.50	32.00	37.50	40.50	45.00	48.00	52.50	55.00	60.00	62.50
g		13.00	17.00	21.00	25.00	28.00	31.00	34.00	37.00	40.00	43.00	46.00
s		17.0	19.0	24.0	27.0	32.0	36.0	41.0	41.0	46.0	50.0	50.0
t		2.0	2.0	2.5	3.0	3.0	3.5	3.5	4.0	4.0	4.5	4.5
d <sub>4</sub>		9.0	13.0	15.0	17.5	20.0	23.0	26.0	28.0	31.5	33.5	36.0
per 1000 units≈kg		70.0	110.0	190.0	240.0	370.0	510.0	700.0	840.0	1070.0	1370.0	1600.0

①,Smooth bore for D≤ M56, threaded bore for screw plug DIN 908 M48x1.5 for D≥M64.

Nominal Diameter D		M48	M52	M56	M64	M72	M80	M90	M100	M110	(M120)
P	Pitch	5.0	5.0	5.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0
b		53.5	57.0	60.5	69.5	77.0	84.0	93.0	102.0	111.0	120.0
d <sub>2</sub>		73.5	78.5	83.5	93.5	105.0	115.0	130.0	146.0	160.0	176.0
d <sub>3</sub>		53.5	57.5	63.0	71.0	79.0	87.0	97.0	107.0	119.0	129.0
d <sub>5</sub> <sup>①</sup>		10.0	10.0	10.0	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		26.0	27.0	27.0	32.0	32.0	36.0	41.0	45.0	50.0	54.0
L <sub>1</sub>		103.0	109.0	115.0	130.0	140.0	152.0	168.0	183.0	199.0	214.0
L <sub>2</sub>		81.5	85.0	90.5	99.5	107.0	114.0	123.0	132.0	141.0	152.0
L <sub>3</sub>		67.50	71.00	76.50	85.50	93.00	100.00	109.00	118.00	127.00	136.00
g		49.00	53.00	57.00	65.00	73.00	81.00	91.00	101.00	111.00	121.00
s		55.0	60.0	65.0	75.0	80.0	90.0	105.0	120.0	135.0	145.0
t		5.0	5.0	5.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0
d <sub>4</sub>		39.0	42.0	47.5	54.0	58.0	65.0	77.0	89.0	100.0	108.0
per 1000 units≈kg		1900.0	2400.0	2900.0	4200.0	5700.0	7300.0	10700.0	14800.0	19900.0	20100.0

①, Smooth bore for D≤ M56, threaded bore for screw plug DIN 908 M48x1.5 for D≥M64.