

Section 10

Useful Information



ISO DIAMETER/PITCH COMBINATIONS

A screw thread in conformity with this International Standard is designated by the letter M followed by the values of the nominal diameter and of the pitch expressed in millimeters; separated by the sign "x". EXAMPLE: M 6 x 0.75 (Fine pitch 0.75)

The absence of the indication of pitch means that the coarse pitch is specified. EXAMPLE: M 6 (Coarse pitch 1)

The words "coarse" and "fine" are given in order to conform to usage. No concept of quality, however, is associated with these words. "Coarse pitches are the largest metric pitches used.

For the diameters below, choose one of the pitches shown on the corresponding line.

Dimensions in millimeters

NOMINAL DIAMETERS			PITCHES		NOMINAL DIAMETERS			PITCHES	
1 st Choice	2 nd Choice	3 rd Choice	Coarse	Fine	1 st Choice	2 nd Choice	3 rd Choice	Coarse	Fine
M 1			0.25	0.2			M 65	6	4, 3, 2, 1.5
	M 1.1		0.25	0.2		M 68		6	4, 3, 2, 1.5
M 1.2			0.25	0.2			M 70	6	6, 4, 3, 2, 1.5
	M 1.4		0.3	0.2	M 72				6, 4, 3, 2, 1.5
M 1.6			0.35	0.2			M 75		4, 3, 2, 1.5
	M 1.8		0.35	0.2		M 76			6, 4, 3, 2, 1.5
M 2			0.4	0.25			M 78		2
	M 2.2		0.45	0.25	M 80				6, 4, 3, 2, 1.5
M 2.5			0.45	0.35			M 82		2
M 3			0.5	0.35		M 85			6, 4, 3, 2
	M 3.5		0.6	0.35	M 90				6, 4, 3, 2
M 4			0.7	0.5		M 95			6, 4, 3, 2
	M 4.5		0.75	0.5	M 100				6, 4, 3, 2
M 5			0.8	0.5		M 105			6, 4, 3, 2
		M 5.5		0.5	M 110				6, 4, 3, 2
M 6			1	0.75		M 115			6, 4, 3, 2
		M 7	1	0.75		M 120			6, 4, 3, 2
M 8			1.25	1, 0.75	M 125				6, 4, 3, 2
		M 9	1.25	1, 0.75			M 130		6, 4, 3, 2
M 10			1.5	1.25, 1, 0.75			M 135		6, 4, 3, 2
		M 11	1.5	1, 0.75	M 140				6, 4, 3, 2
M 12			1.75	1.5, 1.25, 1			M 145		6, 4, 3, 2
	M 14		2	1.5, 1.25, 1		M 150			6, 4, 3, 2
		M 15		1.5, 1			M 155		6, 4, 3
M 16			2	1.5, 1	M 160				6, 4, 3
		M 17		1.5, 1			M 165		6, 4, 3
	M 18		2.5	2, 1.5, 1		M 170			6, 4, 3
M 20			2.5	2, 1.5, 1			M 175		6, 4, 3
	M 22		2.5	2, 1.5, 1	M 180				6, 4, 3
M 24			3	2, 1.5, 1			M 185		6, 4, 3
		M 25		2, 1.5, 1		M 190			6, 4, 3
		M 26		1.5			M 195		6, 4, 3
	M 27		3	2, 1.5, 1	M 200				6, 4, 3
		M 28		2, 1.5, 1			M 205		6, 4, 3
M 30			3.5	3, 2, 1.5, 1			M 210		6, 4, 3
		M 32		2, 1.5			M 215		6, 4, 3
	M 33		3.5	3, 2, 1.5	M 220				6, 4, 3
		M 35		1.5			M 225		6, 4, 3
M 36			4	3, 2, 1.5			M 230		6, 4, 3
		M 38		1.5			M 235		6, 4, 3
	M 39		4	3, 2, 1.5		M 240			6, 4, 3
		M 40		3, 2, 1.5			M 245		6, 4, 3
M 42			4.5	4, 3, 2, 1.5	M 250				6, 4, 3
	M 45		4.5	4, 3, 2, 1.5			M 255		6, 4
M 48			5	4, 3, 2, 1.5		M 260			6, 4
		M 50		3, 2, 1.5			M 265		6, 4
	M 52		5	4, 3, 2, 1.5			M 270		6, 4
		M 55		4, 3, 2, 1.5			M 275		6, 4
M 56			5.5	4, 3, 2, 1.5	M 280				6, 4
		M 58		4, 3, 2, 1.5			M 285		6, 4
	M 60		5.5	4, 3, 2, 1.5			M 290		6, 4
		M 62		4, 3, 2, 1.5			M 295		6, 4
M 64			6	4, 3, 2, 1.5		M 300			6, 4