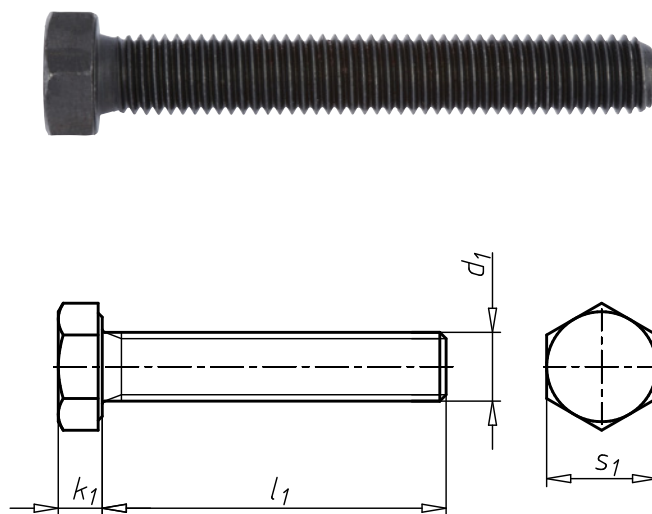


Hexagonal bolt with thread up to the head

ISO 4017, steel 10.9, plain

Standards	ISO 4017
Material	Steel
Property class	10.9
Surface	Plain
RoHS-compliant	Yes



Thread type x nominal diameter (d ₁)	Length (l ₁)	Head height (k ₁)	External drive (s ₁)	Art. no.	P. Qty.
M2.5	5 mm	1.7 mm	WS5	0056 25 5	100
M4	8 mm	2.8 mm	WS7	0056 4 8	500
M4	10 mm	2.8 mm	WS7	0056 4 10	500
M4	12 mm	2.8 mm	WS7	0056 4 12	1000
M4	16 mm	2.8 mm	WS7	0056 4 16	1000
M4	20 mm	2.8 mm	WS7	0056 4 20	100
M4	25 mm	2.8 mm	WS7	0056 4 25	100
M4	35 mm	2.8 mm	WS7	0056 4 35	100
M4	40 mm	2.8 mm	WS7	0056 4 40	100
M4	50 mm	2.8 mm	WS7	0056 4 50	100
M4	55 mm	2.8 mm	WS7	0056 4 55	100
M4	60 mm	2.8 mm	WS7	0056 4 60	100
M4	70 mm	2.8 mm	WS7	0056 4 70	100
M5	8 mm	3.5 mm	WS8	0056 5 8	500
M5	10 mm	3.5 mm	WS8	0056 5 10	500
M5	12 mm	3.5 mm	WS8	0056 5 12	500
M5	16 mm	3.5 mm	WS8	0056 5 16	500
M5	18 mm	3.5 mm	WS8	0056 5 18	200
M5	20 mm	3.5 mm	WS8	0056 5 20	500
M5	25 mm	3.5 mm	WS8	0056 5 25	500
M5	30 mm	3.5 mm	WS8	0056 5 30	100
M5	35 mm	3.5 mm	WS8	0056 5 35	500
M5	40 mm	3.5 mm	WS8	0056 5 40	500
M5	45 mm	3.5 mm	WS8	0056 5 45	100
M5	60 mm	3.5 mm	WS8	0056 5 60	100
M5	70 mm	3.5 mm	WS8	0056 5 70	100
M5	75 mm	3.5 mm	WS8	0056 5 75	100
M6	8 mm	4 mm	WS10	0056 6 8	500
M6	10 mm	4 mm	WS10	0056 6 10	500
M6	12 mm	4 mm	WS10	0056 6 12	500
M6	16 mm	4 mm	WS10	0056 6 16	200/500
M6	18 mm	4 mm	WS10	0056 6 18	500

Thread type x nominal diameter (d ₁)	Length (l ₁)	Head height (k ₁)	External drive (s ₁)	Art. no.	P. Qty.
M6	20 mm	4 mm	WS10	0056 6 20	200/500
M6	22 mm	4 mm	WS10	0056 6 22	500
M6	25 mm	4 mm	WS10	0056 6 25	200/500
M6	30 mm	4 mm	WS10	0056 6 30	200
M6	35 mm	4 mm	WS10	0056 6 35	200
M6	40 mm	4 mm	WS10	0056 6 40	200
M6	45 mm	4 mm	WS10	0056 6 45	200
M6	50 mm	4 mm	WS10	0056 6 50	200
M6	55 mm	4 mm	WS10	0056 6 55	200
M6	60 mm	4 mm	WS10	0056 6 60	200
M6	65 mm	4 mm	WS10	0056 6 65	100
M6	70 mm	4 mm	WS10	0056 6 70	100
M6	80 mm	4 mm	WS10	0056 6 80	100
M6	120 mm	4 mm	WS10	0056 6 120	100
M8	12 mm	5.3 mm	WS13	0056 8 12	200
M8	16 mm	5.3 mm	WS13	0056 8 16	200
M8	20 mm	5.3 mm	WS13	0056 8 20	200
M8	25 mm	5.3 mm	WS13	0056 8 25	200
M8	30 mm	5.3 mm	WS13	0056 8 30	200
M8	35 mm	5.3 mm	WS13	0056 8 35	100/200
M8	40 mm	5.3 mm	WS13	0056 8 40	100
M8	45 mm	5.3 mm	WS13	0056 8 45	200
M8	50 mm	5.3 mm	WS13	0056 8 50	100/200
M8	55 mm	5.3 mm	WS13	0056 8 55	200
M8	60 mm	5.3 mm	WS13	0056 8 60	200
M8	65 mm	5.3 mm	WS13	0056 8 65	100
M8	70 mm	5.3 mm	WS13	0056 8 70	200
M8	75 mm	5.3 mm	WS13	0056 8 75	100
M8	80 mm	5.3 mm	WS13	0056 8 80	200
M8	90 mm	5.3 mm	WS13	0056 8 90	100
M8	100 mm	5.3 mm	WS13	0056 8 100	100
M8	110 mm	5.3 mm	WS13	0056 8 110	100
M8	120 mm	5.3 mm	WS13	0056 8 120	100
M8	130 mm	5.3 mm	WS13	0056 8 130	25
M10	16 mm	6.4 mm	WS16	0056 910 16	200
M10	20 mm	6.4 mm	WS16	0056 910 20	200
M10	25 mm	6.4 mm	WS16	0056 910 25	200
M10	30 mm	6.4 mm	WS16	0056 910 30	200
M10	35 mm	6.4 mm	WS16	0056 910 35	100
M10	40 mm	6.4 mm	WS16	0056 910 40	100
M10	45 mm	6.4 mm	WS16	0056 910 45	100
M10	55 mm	6.4 mm	WS16	0056 910 55	100
M10	60 mm	6.4 mm	WS16	0056 910 60	100
M10	65 mm	6.4 mm	WS16	0056 910 65	1
M10	85 mm	6.4 mm	WS16	0056 910 85	50
M10	100 mm	6.4 mm	WS16	0056 910 100	1
M10	120 mm	6.4 mm	WS16	0056 910 120	50
M12	12 mm	7.5 mm	WS18	0056 912 12	100
M12	20 mm	7.5 mm	WS18	0056 912 20	100
M12	25 mm	7.5 mm	WS18	0056 912 25	100
M12	30 mm	7.5 mm	WS18	0056 912 30	100
M12	35 mm	7.5 mm	WS18	0056 912 35	100
M12	40 mm	7.5 mm	WS18	0056 912 40	100
M12	45 mm	7.5 mm	WS18	0056 912 45	100

Thread type x nominal diameter (d ₁)	Length (l ₁)	Head height (k ₁)	External drive (s ₁)	Art. no.	P. Qty.
M12	50 mm	7.5 mm	WS18	0056 912 50	100
M12	55 mm	7.5 mm	WS18	0056 912 55	100
M12	60 mm	7.5 mm	WS18	0056 912 60	50
M12	70 mm	7.5 mm	WS18	0056 912 70	50
M12	100 mm	7.5 mm	WS18	0056 912 100	50
M14	20 mm	8.8 mm	WS21	0056 914 20	100
M14	25 mm	8.8 mm	WS21	0056 914 25	100
M14	30 mm	8.8 mm	WS21	0056 914 30	100
M14	35 mm	8.8 mm	WS21	0056 914 35	100
M14	40 mm	8.8 mm	WS21	0056 914 40	50
M14	45 mm	8.8 mm	WS21	0056 914 45	50
M14	50 mm	8.8 mm	WS21	0056 914 50	50
M14	60 mm	8.8 mm	WS21	0056 914 60	50
M16	25 mm	10 mm	WS24	0056 16 25	100
M16	30 mm	10 mm	WS24	0056 16 30	50
M16	35 mm	10 mm	WS24	0056 16 35	50
M16	40 mm	10 mm	WS24	0056 16 40	10/50
M16	45 mm	10 mm	WS24	0056 16 45	50
M16	50 mm	10 mm	WS24	0056 16 50	50
M16	55 mm	10 mm	WS24	0056 16 55	50
M16	60 mm	10 mm	WS24	0056 16 60	50
M16	65 mm	10 mm	WS24	0056 16 65	25
M16	70 mm	10 mm	WS24	0056 16 70	25
M16	75 mm	10 mm	WS24	0056 16 75	25
M16	80 mm	10 mm	WS24	0056 16 80	25
M16	85 mm	10 mm	WS24	0056 16 85	50
M16	90 mm	10 mm	WS24	0056 16 90	25
M16	95 mm	10 mm	WS24	0056 16 95	25
M16	100 mm	10 mm	WS24	0056 16 100	25
M16	110 mm	10 mm	WS24	0056 16 110	25
M16	120 mm	10 mm	WS24	0056 16 120	25
M16	130 mm	10 mm	WS24	0056 16 130	25
M16	140 mm	10 mm	WS24	0056 16 140	25
M16	150 mm	10 mm	WS24	0056 16 150	25
M16	160 mm	10 mm	WS24	0056 16 160	25
M16	170 mm	10 mm	WS24	0056 16 170	25
M16	180 mm	10 mm	WS24	0056 16 180	25
M16	190 mm	10 mm	WS24	0056 16 190	10
M16	200 mm	10 mm	WS24	0056 16 200	25
M16	260 mm	10 mm	WS24	0056 16 260	50
M16	280 mm	10 mm	WS24	0056 16 280	25
M18	25 mm	11.5 mm	WS27	0056 18 25	100
M18	30 mm	11.5 mm	WS27	0056 18 30	50
M18	35 mm	11.5 mm	WS27	0056 18 35	50
M18	40 mm	11.5 mm	WS27	0056 18 40	50
M18	45 mm	11.5 mm	WS27	0056 18 45	50
M18	50 mm	11.5 mm	WS27	0056 18 50	40
M18	55 mm	11.5 mm	WS27	0056 18 55	25
M18	60 mm	11.5 mm	WS27	0056 18 60	25
M18	65 mm	11.5 mm	WS27	0056 18 65	50
M18	70 mm	11.5 mm	WS27	0056 18 70	25
M18	75 mm	11.5 mm	WS27	0056 18 75	25
M18	80 mm	11.5 mm	WS27	0056 18 80	25
M18	90 mm	11.5 mm	WS27	0056 18 90	100

Thread type x nominal diameter (d ₁)	Length (l ₁)	Head height (k ₁)	External drive (s ₁)	Art. no.	P. Qty.
M18	100 mm	11.5 mm	WS27	0056 18 100	25
M18	110 mm	11.5 mm	WS27	0056 18 110	25
M18	120 mm	11.5 mm	WS27	0056 18 120	100
M18	130 mm	11.5 mm	WS27	0056 18 130	15
M18	180 mm	11.5 mm	WS27	0056 18 180	10
M18	200 mm	11.5 mm	WS27	0056 18 200	5
M18	210 mm	11.5 mm	WS27	0056 18 210	10
M20	25 mm	12.5 mm	WS30	0056 20 25	50
M20	30 mm	12.5 mm	WS30	0056 20 30	25
M20	35 mm	12.5 mm	WS30	0056 20 35	25
M20	40 mm	12.5 mm	WS30	0056 20 40	25
M20	45 mm	12.5 mm	WS30	0056 20 45	25
M20	50 mm	12.5 mm	WS30	0056 20 50	25
M20	55 mm	12.5 mm	WS30	0056 20 55	25
M20	60 mm	12.5 mm	WS30	0056 20 60	25
M20	65 mm	12.5 mm	WS30	0056 20 65	25
M20	70 mm	12.5 mm	WS30	0056 20 70	25
M20	75 mm	12.5 mm	WS30	0056 20 75	25
M20	80 mm	12.5 mm	WS30	0056 20 80	25
M20	90 mm	12.5 mm	WS30	0056 20 90	25
M20	100 mm	12.5 mm	WS30	0056 20 100	25
M20	110 mm	12.5 mm	WS30	0056 20 110	25
M20	120 mm	12.5 mm	WS30	0056 20 120	25
M20	130 mm	12.5 mm	WS30	0056 20 130	25
M20	140 mm	12.5 mm	WS30	0056 20 140	25
M20	150 mm	12.5 mm	WS30	0056 20 150	25
M20	160 mm	12.5 mm	WS30	0056 20 160	10
M20	170 mm	12.5 mm	WS30	0056 20 170	25
M20	180 mm	12.5 mm	WS30	0056 20 180	10
M20	190 mm	12.5 mm	WS30	0056 20 190	10
M20	200 mm	12.5 mm	WS30	0056 20 200	10
M20	300 mm	12.5 mm	WS30	0056 20 300	10
M20	360 mm	12.5 mm	WS30	0056 20 360	10
M20	470 mm	12.5 mm	WS30	0056 20 470	1
M22	50 mm	14 mm	WS34	0056 922 50	10
M22	60 mm	14 mm	WS34	0056 922 60	10
M24	30 mm	15 mm	WS36	0056 24 30	25
M24	40 mm	15 mm	WS36	0056 24 40	25
M24	50 mm	15 mm	WS36	0056 24 50	25
M24	55 mm	15 mm	WS36	0056 24 55	25
M24	60 mm	15 mm	WS36	0056 24 60	25
M24	65 mm	15 mm	WS36	0056 24 65	25
M24	70 mm	15 mm	WS36	0056 24 70	10
M24	75 mm	15 mm	WS36	0056 24 75	25
M24	80 mm	15 mm	WS36	0056 24 80	10/25
M24	85 mm	15 mm	WS36	0056 24 85	25
M24	90 mm	15 mm	WS36	0056 24 90	10
M24	100 mm	15 mm	WS36	0056 24 100	10
M24	110 mm	15 mm	WS36	0056 24 110	10
M24	120 mm	15 mm	WS36	0056 24 120	10
M24	130 mm	15 mm	WS36	0056 24 130	10
M24	140 mm	15 mm	WS36	0056 24 140	10
M24	150 mm	15 mm	WS36	0056 24 150	10
M24	160 mm	15 mm	WS36	0056 24 160	10

Thread type x nominal diameter (d ₁)	Length (l ₁)	Head height (k ₁)	External drive (s ₁)	Art. no.	P. Qty.
M24	180 mm	15 mm	WS36	0056 24 180	10
M24	190 mm	15 mm	WS36	0056 24 190	10
M24	200 mm	15 mm	WS36	0056 24 200	10
M24	220 mm	15 mm	WS36	0056 24 220	10
M24	240 mm	15 mm	WS36	0056 24 240	10
M24	260 mm	15 mm	WS36	0056 24 260	10
M24	280 mm	15 mm	WS36	0056 24 280	10
M24	300 mm	15 mm	WS36	0056 24 300	10
M24	400 mm	15 mm	WS36	0056 24 400	5
M27	50 mm	17 mm	WS41	0056 27 50	10
M27	55 mm	17 mm	WS41	0056 27 55	10
M27	60 mm	17 mm	WS41	0056 27 60	10
M27	65 mm	17 mm	WS41	0056 27 65	10
M27	70 mm	17 mm	WS41	0056 27 70	10
M27	75 mm	17 mm	WS41	0056 27 75	10
M27	80 mm	17 mm	WS41	0056 27 80	5
M27	90 mm	17 mm	WS41	0056 27 90	10
M27	100 mm	17 mm	WS41	0056 27 100	10
M27	110 mm	17 mm	WS41	0056 27 110	10
M27	120 mm	17 mm	WS41	0056 27 120	10
M27	130 mm	17 mm	WS41	0056 27 130	10
M27	140 mm	17 mm	WS41	0056 27 140	10
M27	150 mm	17 mm	WS41	0056 27 150	10
M27	160 mm	17 mm	WS41	0056 27 160	10
M27	170 mm	17 mm	WS41	0056 27 170	1
M27	180 mm	17 mm	WS41	0056 27 180	10
M27	200 mm	17 mm	WS41	0056 27 200	10
M27	230 mm	17 mm	WS41	0056 27 230	5
M27	250 mm	17 mm	WS41	0056 27 250	10
M30	40 mm	18.7 mm	WS46	0056 30 40	10
M30	45 mm	18.7 mm	WS46	0056 30 45	10
M30	50 mm	18.7 mm	WS46	0056 30 50	10
M30	55 mm	18.7 mm	WS46	0056 30 55	10
M30	60 mm	18.7 mm	WS46	0056 30 60	10
M30	65 mm	18.7 mm	WS46	0056 30 65	10
M30	70 mm	18.7 mm	WS46	0056 30 70	10
M30	75 mm	18.7 mm	WS46	0056 30 75	10
M30	85 mm	18.7 mm	WS46	0056 30 85	10
M30	90 mm	18.7 mm	WS46	0056 30 90	10
M30	95 mm	18.7 mm	WS46	0056 30 95	10
M30	100 mm	18.7 mm	WS46	0056 30 100	10
M30	110 mm	18.7 mm	WS46	0056 30 110	10
M30	120 mm	18.7 mm	WS46	0056 30 120	10
M30	130 mm	18.7 mm	WS46	0056 30 130	10
M30	140 mm	18.7 mm	WS46	0056 30 140	5
M30	160 mm	18.7 mm	WS46	0056 30 160	10
M30	170 mm	18.7 mm	WS46	0056 30 170	1
M30	180 mm	18.7 mm	WS46	0056 30 180	10
M30	200 mm	18.7 mm	WS46	0056 30 200	10
M30	220 mm	18.7 mm	WS46	0056 30 220	10
M30	240 mm	18.7 mm	WS46	0056 30 240	10
M30	250 mm	18.7 mm	WS46	0056 30 250	1
M30	260 mm	18.7 mm	WS46	0056 30 260	5
M30	300 mm	18.7 mm	WS46	0056 30 300	1

Thread type x nominal diameter (d ₁)	Length (l ₁)	Head height (k ₁)	External drive (s ₁)	Art. no.	P. Qty.
M33	70 mm	21 mm	WS50	0056 33 70	5
M33	80 mm	21 mm	WS50	0056 33 80	5
M33	90 mm	21 mm	WS50	0056 33 90	10
M33	95 mm	21 mm	WS50	0056 33 95	5
M33	160 mm	21 mm	WS50	0056 33 160	5
M33	190 mm	21 mm	WS50	0056 33 190	5
M33	230 mm	21 mm	WS50	0056 33 230	5
M36	60 mm	22.5 mm	WS55	0056 36 60	5
M36	65 mm	22.5 mm	WS55	0056 36 65	5
M36	70 mm	22.5 mm	WS55	0056 36 70	10
M36	80 mm	22.5 mm	WS55	0056 36 80	10
M36	85 mm	22.5 mm	WS55	0056 36 85	10
M36	90 mm	22.5 mm	WS55	0056 36 90	10
M36	95 mm	22.5 mm	WS55	0056 36 95	5
M36	100 mm	22.5 mm	WS55	0056 36 100	10
M36	110 mm	22.5 mm	WS55	0056 36 110	10
M36	120 mm	22.5 mm	WS55	0056 36 120	10
M36	130 mm	22.5 mm	WS55	0056 36 130	10
M36	140 mm	22.5 mm	WS55	0056 36 140	10
M36	150 mm	22.5 mm	WS55	0056 36 150	10
M36	160 mm	22.5 mm	WS55	0056 36 160	5
M36	170 mm	22.5 mm	WS55	0056 36 170	10
M36	180 mm	22.5 mm	WS55	0056 36 180	10
M36	200 mm	22.5 mm	WS55	0056 36 200	10
M36	220 mm	22.5 mm	WS55	0056 36 220	1
M36	450 mm	22.5 mm	WS55	0056 36 450	1
M39	85 mm	25 mm	WS60	0056 39 85	5
M42	80 mm	26 mm	WS65	0056 42 80	5
M42	100 mm	26 mm	WS65	0056 42 100	5
M42	130 mm	26 mm	WS65	0056 42 130	5
M42	160 mm	26 mm	WS65	0056 42 160	5
M42	180 mm	26 mm	WS65	0056 42 180	1
M42	200 mm	26 mm	WS65	0056 42 200	5
M42	240 mm	26 mm	WS65	0056 42 240	1
M42	250 mm	26 mm	WS65	0056 42 250	5
M42	280 mm	26 mm	WS65	0056 42 280	1
M42	340 mm	26 mm	WS65	0056 42 340	5
M42	400 mm	26 mm	WS65	0056 42 400	5
M45	130 mm	28 mm	WS70	0056 45 130	1
M48	110 mm	30 mm	WS75	0056 48 110	5
M48	160 mm	30 mm	WS75	0056 48 160	1
M48	200 mm	30 mm	WS75	0056 48 200	5
M52	210 mm	33 mm	WS80	0056 52 210	1
M52	250 mm	33 mm	WS80	0056 52 250	5
M56	100 mm	35 mm	WS85	0056 56 100	5
M64	150 mm	40 mm	WS95	0056 64 150	1

Notice

ISO 4017 replaces DIN 933 | There is some similarity | Nominal dimensions extended | Width across flats changed for M10, M12, M14 and M22.