

Hex Head Bolt DIN 931 8.8, Zinc

- In compliance with ISO 4014
- With shank
- Strength class 8.8
- Plain Steel

Item no.	Dimension	QTY
1001 20 140	M 20 x 140	5
1001 20 150	M 20 x 150	10
1001 20 160	M 20 x 160	10
1001 20 170	M 20 x 170	10
1001 20 180	M 20 x 180	5
1001 20 190	M 20 x 190	10
1001 20 200	M 20 x 200	10
1001 20 210	M 20 x 210	10
1001 20 220	M 20 x 220	5
1001 20 230	M 20 x 230	5
1001 20 240	M 20 x 240	10
1001 20 260	M 20 x 260	5
1001 20 280	M 20 x 280	5
1001 20 300	M 20 x 300	5
1001 20 320	M 20 x 320	5
1001 20 360	M 20 x 360	5
1001 20 380	M 20 x 380	5
1001 24 75	M 24 x 75	5
1001 24 80	M 24 x 80	10
1001 24 85	M 24 x 85	10
1001 24 90	M 24 x 90	10
1001 24 100	M 24 x 100	10
1001 24 110	M 24 x 110	10
1001 24 120	M 24 x 120	10
1001 24 130	M 24 x 130	10

(d thread dia. x length mm)

Item no.	Dimension	QTY
1001 24 140	M 24 x 140	10
1001 24 150	M 24 x 150	10
1001 24 160	M 24 x 160	5
1001 24 180	M 24 x 180	5
1001 24 200	M 24 x 200	5
1001 24 220	M 24 x 220	5
1001 24 240	M 24 x 240	5
1001 24 260	M 24 x 260	5
1001 24 280	M 24 x 280	5
1001 24 300	M 24 x 300	5
1001 24 320	M 24 x 320	5
1001 24 400	M 24 x 400	5
1001 24 420	M 24 x 420	5
1001 24 440	M 24 x 440	5
1001 24 460	M 24 x 460	5
1001 24 480	M 24 x 480	5
1001 30 90	M 30 x 90	5
1001 30 100	M 30 x 100	5
1001 30 110	M 30 x 110	5
1001 30 120	M 30 x 120	5
1001 30 130	M 30 x 130	5
1001 30 140	M 30 x 140	5
1001 30 150	M 30 x 150	5
1001 30 160	M 30 x 160	5
1001 30 190	M 30 x 190	5
1001 30 200	M 30 x 200	5



Specifications

Thread	Head	k	b	b	b
Dia. size	size	L < 125	L 125 - 200	L > 200	
mm	mm	mm	mm	mm	mm
M 4	7	2.8	14	-	-
M 5	8	3.5	16	22	-
M 6	10	4.0	18	24	-
M 8	13	5.3	22	28	41
M 10	17	6.4	26	32	45
M 12	18	7.5	30	36	49
M 14	22	8.8	34	40	53
M 16	24	10.0	38	44	57
M 18	27	11.5	42	48	61
M 20	30	12.5	46	52	65
M 24	36	15.0	54	60	73
M 30	46	18.7	66	72	85

Hex Head Bolt DIN 931 10.9, Plain Steel

- In compliance with ISO 4014
- With shank
- Strength class 10.9
- Plain Steel

Item no.	Dimension	QTY
1003 8 35	M 8 x 35	200
1003 8 40	M 8 x 40	200
1003 8 45	M 8 x 45	200
1003 8 50	M 8 x 50	200
1003 8 55	M 8 x 55	200
1003 8 60	M 8 x 60	200
1003 8 65	M 8 x 65	100
1003 8 70	M 8 x 70	100
1003 8 75	M 8 x 75	100
1003 8 80	M 8 x 80	100
1003 8 90	M 8 x 90	100
1003 8 100	M 8 x 100	100
1003 8 110	M 8 x 110	100
1003 8 120	M 8 x 120	100
1003 8 130	M 8 x 130	100
1003 8 140	M 8 x 140	100
1003 8 150	M 8 x 150	100
1003 10 40	M 10 x 40	100
1003 10 45	M 10 x 45	100
1003 10 50	M 10 x 50	100
1003 10 55	M 10 x 55	100
1003 10 60	M 10 x 60	100
1003 10 65	M 10 x 65	100
1003 10 70	M 10 x 70	100
1003 10 75	M 10 x 75	100
1003 10 80	M 10 x 80	100
1003 10 90	M 10 x 90	50
1003 10 100	M 10 x 100	50
1003 10 110	M 10 x 110	50
1003 10 120	M 10 x 120	50
1003 10 130	M 10 x 130	50
1003 10 140	M 10 x 140	50
1003 10 150	M 10 x 150	50
1003 12 40	M 12 x 40	100

(d thread dia. x Length mm)

Item no.	Dimension	QTY
1003 12 45	M 12 x 45	100
1003 12 50	M 12 x 50	100
1003 12 55	M 12 x 55	50
1003 12 60	M 12 x 60	50
1003 12 65	M 12 x 65	50
1003 12 70	M 12 x 70	50
1003 12 75	M 12 x 75	50
1003 12 80	M 12 x 80	50
1003 12 85	M 12 x 85	50
1003 12 90	M 12 x 90	50
1003 12 100	M 12 x 100	50
1003 12 110	M 12 x 110	50
1003 12 120	M 12 x 120	50
1003 12 130	M 12 x 130	25
1003 12 140	M 12 x 140	25
1003 12 150	M 12 x 150	25
1003 12 210	M 12 x 210	25
1003 14 50	M 14 x 50	50
1003 14 60	M 14 x 60	50
1003 14 70	M 14 x 70	50
1003 14 80	M 14 x 80	50
1003 14 100	M 14 x 100	25
1003 14 140	M 14 x 140	25
1003 16 55	M 16 x 55	50
1003 16 60	M 16 x 60	50
1003 16 65	M 16 x 65	25
1003 16 70	M 16 x 70	25
1003 16 75	M 16 x 75	25
1003 16 80	M 16 x 80	25
1003 16 85	M 16 x 85	25
1003 16 90	M 16 x 90	25
1003 16 100	M 16 x 100	25
1003 16 110	M 16 x 110	25
1003 16 120	M 16 x 120	25



Specifications

Thread	Head	k	b	b	b
Dia. size	size	L < 125	L 125 - 200	L > 200	
mm	mm	mm	mm	mm	mm
M 6	10	4.0	18	24	-
M 8	13	5.3	22	28	-
M 10	17	6.4	26	32	-
M 12	18	7.5	30	36	-
M 14	22	8.8	34	40	-
M 16	24	10.0	38	44	-
M 20	30	12.5	46	52	-
M 24	36	15.0	54	60	73
M 27	46	18.7	66	72	79

Item no.	Dimension	QTY
1003 16 130	M 16 x 130	25
1003 16 140	M 16 x 140	5
1003 16 150	M 16 x 150	5
1003 20 65	M 20 x 65	25
1003 20 70	M 20 x 70	25
1003 20 75	M 20 x 75	25
1003 20 80	M 20 x 80	5
1003 20 85	M 20 x 85	5
1003 20 90	M 20 x 90	5
1003 20 100	M 20 x 100	5
1003 20 110	M 20 x 110	5
1003 20 120	M 20 x 120	5
1003 20 130	M 20 x 130	5
1003 20 140	M 20 x 140	5
1003 20 150	M 20 x 150	5
1003 20 190	M 20 x 190	5
1003 24 140	M 24 x 140	10
1003 24 220	M 24 x 220	5
1003 27 110	M 27 x 110	5
1003 27 280	M 27 x 280	5