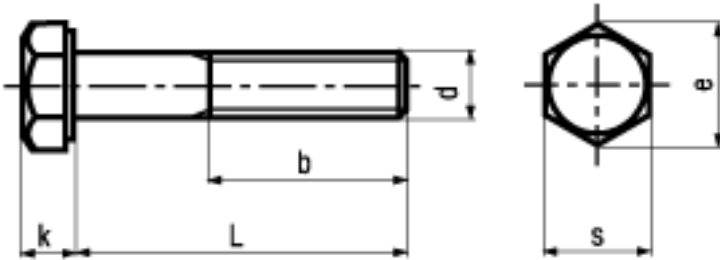


## Hexagon head screws partially threaded, coarse pitch

### DIN 931 – UNI 5737 – ISO 4014



#### Material

Steel Class:  
4.8; 8.8; 10.9; 12.9  
Steel Inox:  
A2-70; A2-80; A4-70; A4-80  
Brass

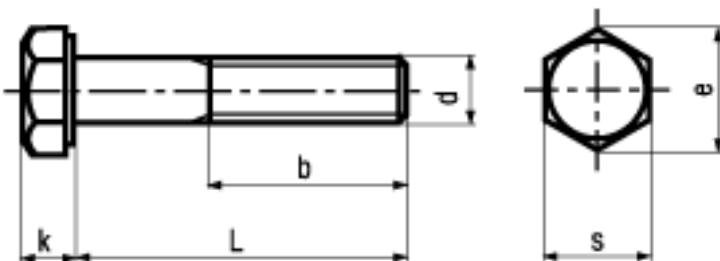
#### Lining

As fabricated  
Burnished  
Galvanized White  
Galvanized Yellow  
HDG  
Geomet

d	M4	M5	M6	M7	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
p	0,7	0,8	1	1	1,25	1,5	1,75	2	2	2,5	2,5	2,5	3	3	3,5	3,5	4
s	7	8	10	11	13	17	19	22	24	27	30	32	36	41	46	50	55
k	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8	10	11,5	12,5	14	15	17	18,7	21	22,5
b con $L \leq 125$	14	16	18	20	22	26	26	34	38	42	46	50	54	60	66	72	78
b con $125 < L \leq 200$	-	22	24	26	28	32	32	40	44	48	58	56	60	66	72	78	84
b con $L > 200$	-	-	-	-	-	45	49	53	57	61	65	69	73	79	85	91	97

## Hexagon head screws partially threaded, coarse pitch UNC

### DIN 931 UNC/UNF – ANSI B18 2.1



#### Material

Steel Inox:  
A2-70; A4-70  
Steel Class:  
8.8;

#### Lining

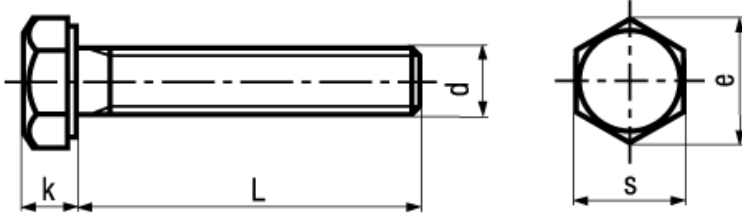
As fabricated  
Galvanized White  
Galvanized Yellow

d	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
UNC	20	18	16	14	13	12	11	10	9	8
UNF	28	24	24	20	20	18	18	16	16	14
s	11,12	12,07	14,27	15,87	19,05	20,62	23,82	28,57	33,32	38,10
k	4,77	5,96	6,80	8,02	9,24	9,42	11,27	13,31	15,34	17,78
$b \leq 6$	19,05	22,22	25,40	28,57	31,75	34,92	38,10	44,45	50,80	57,15
$b > 6$	-	28,57	31,75	34,92	38,10	41,28	44,45	50,8	57,15	63,50

# HEX HEAD SCREWS

## Hexagon head screws fully threaded, coarse pitch

### DIN 933 – UNI 5739 – ISO 4017



#### Material

Steel Class:  
4.8; 8.8; 10.9; 12.9  
Steel Inox:  
A2-70; A2-80; A4-70; A4-80  
Ottone  
Nylon

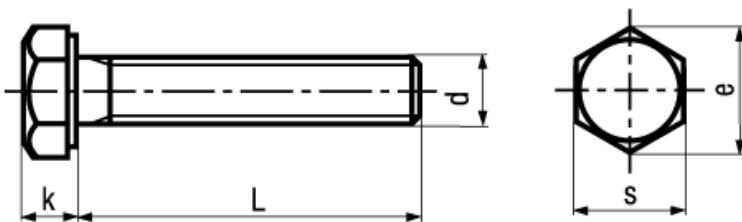
#### Lining

As fabricated  
Burnished  
Galvanized White  
Galvanized Yellow  
HDG  
Geomet

d	M2	M2,5	M3	M4	M5	M6	M7	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
p	0,4	0,45	0,5	0,7	0,8	1	1	1,25	1,5	1,75	2	2	2,5	2,5	2,5	3	3	3,5		
s	4	5	5,5	7	8	10	11	13	17	19	22	24	27	30	32	36	41	46	50	55
k	1,4	1,7	2	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8	10	11,5	12,5	14	15	17	18,7	21	22,5

## Hexagon head screws fully threaded, coarse pitch UNC

### DIN 933 UNC/UNF



#### Material

Steel Inox:  
A2-70; A4-70  
Steel Class:  
8.8;

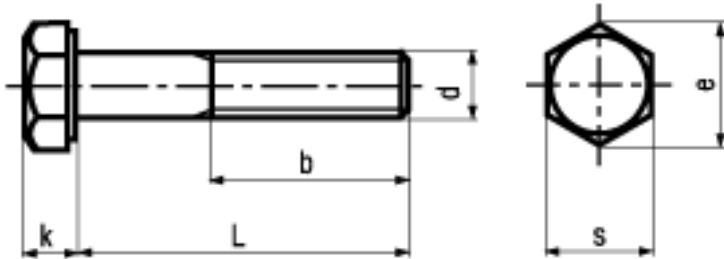
#### Lining

As fabricated  
Galvanized White  
Galvanized Yellow

d	#4	#5	#6	#8	#10	#12	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
UNC	4-40	5-40	6-40	8-32	10-24	12-24	20	18	16	14	13	12	11	10	9	8
UNF	4-48	5-44	6-40	8-36	10-32	12-28	28	24	24	20	20	18	18	16	14	12
s	4,77	4,77	6,35	6,35	7,92	7,92	11,12	12,07	14,27	15,87	19,05	20,62	23,82	28,57	33,32	38,10
k	4,52	1,78	2,36	2,79	3,04	3,93	4,77	5,96	6,80	8,02	9,24	9,42	11,27	13,31	15,34	17,78

## Hexagon head screws partially threaded, fine pitch

### DIN 960 – UNI 5738 – ISO 8765



#### Material

Steel Class:  
8.8; 10.9

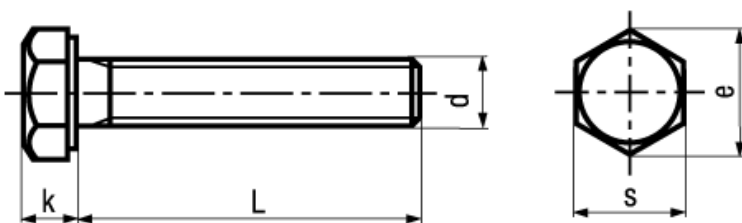
#### Lining

As fabricated  
Galvanized White  
Galvanized Yellow

d	M8	M10	M10	M12	M12	M14	M16	M18	M20	M22	M24
p	1	1	1,25	1,25	1,5	1,5	1,5	1,5	1,5	1,5	2
s	13	17	17	19	19	22	24	27	30	32	36
k	5,3	6,4	6,4	7,5	7,5	8,8	10	11,5	12,5	14	15
b con $L \leq 125$	22	26	26	30	30	34	38	42	46	50	54
b con $125 < L \leq 200$	28	32	32	36	36	40	44	48	52	56	60
b con $L > 200$	41	45	45	49	49	53	57	61	65	69	73

## Hexagon head screws fully threaded, fine pitch

### DIN 961 – UNI 5740 – ISO 8676



#### Material

Steel Class:  
8.8; 10.9

#### Lining

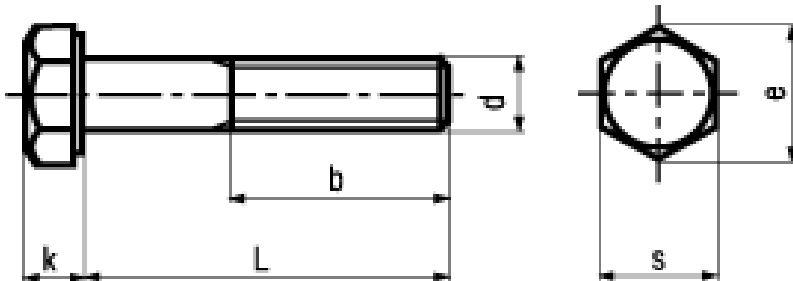
As fabricated  
Galvanized White  
Galvanized Yellow

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d	M8	M10	M10	M12	M12	M14	M16	M18	M20	M22	M24
p	1	1,25	1	1,25	1,5	1,5	1,5	1,5	1,5	1,5	2
s	13	17	17	19	19	22	24	27	30	32	36
k	5,3	6,4	6,4	7,5	7,5	8,8	10	11,5	12,5	14	15

## Hexagon head screws for structural engineering partially threaded, coarse pitch

DIN 6914 – UNI 5712 – ISO 7412 – EN14399



### Material

Steel Class:  
10.9

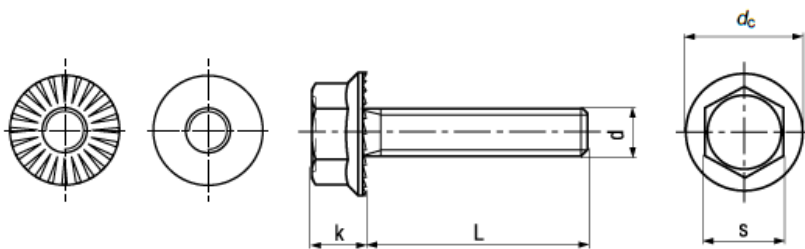
### Lining

As fabricated  
Galvanized White  
Galvanized Yellow

d	M12	M14	M16	M18	M20	M22	M24	M27	M30	M36
p	1,7	2	2	2,5	2,5	2,5	3	3	3,5	4
s	22	24	27	30	32	36	41	46	49	60
k	8	9	10	12	13	14	15	17	19	23
b	1)	21	23	26	28	31	32	34	37	40
	2)	23	25	28	30	33	34	37	39	43

## Hexagon bolts with flange and flange serrated

DIN 6921 – UNI 5541 – ISO 1662



### Material

Steel Class:  
4.8; 8.8; 10.9  
Steel Inox:  
A2-70; A4-70

### Lining

As fabricated  
Galvanized White  
Galvanized Yellow

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d	M4	M5	M6	M8	M10	M12
s	7	8	10	13	15	16
k	4	4,8	5,5	7,4	9,1	11,5
$d_c$	9,5	11,8	14,2	18	22,3	26