

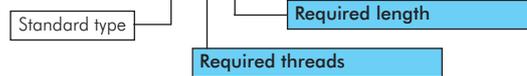
## Flat-head screws with hexagon sockets

## DIN 7991/ISO 10642

Type zinc-plated steel 8.8	Type stainless steel A2*	d	l	b (min)
<b>d=M 3; d<sub>k</sub>=6; k=1.7; s=2</b>				
7991-M3x10	7991-M3x10 ES	M 3	10	*
7991-M3x20	7991-M3x20 ES	M 3	20	*
7991-M3x30	7991-M3x30 ES	M 3	30	12
<b>d=M 4; d<sub>k</sub>=8 (ISO:9); k=2.3 (ISO:2.5); s=2.5</b>				
7991-M4x10	7991-M4x10 ES	M 4	10	*
7991-M4x20	7991-M4x20 ES	M 4	20	14
7991-M4x30	7991-M4x30 ES	M 4	30	14
<b>d=M 5; d<sub>k</sub>=10 (ISO:11.5); k=2.8 (ISO:3.1); s=3</b>				
7991-M5x16	7991-M5x16 ES	M 5	16	*
7991-M5x20	7991-M5x20 ES	M 5	20	16
7991-M5x30	7991-M5x30 ES	M 5	30	16
7991-M5x40	7991-M5x40 ES	M 5	40	16
7991-M5x50	7991-M5x50 ES	M 5	50	16
<b>d=M 6; d<sub>k</sub>=12 (ISO:13.4); k=3.3 (ISO:3.7); s=4</b>				
7991-M6x10	7991-M6x10 ES	M 6	10	*
7991-M6x16	7991-M6x16 ES	M 6	16	*
7991-M6x20	7991-M6x20 ES	M 6	20	18
7991-M6x30	7991-M6x30 ES	M 6	30	18
7991-M6x40	7991-M6x40 ES	M 6	40	18
7991-M6x50	7991-M6x50 ES	M 6	50	18
7991-M6x60	7991-M6x60 ES	M 6	60	18

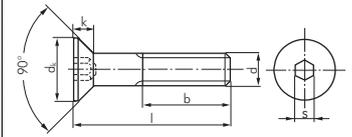
\* threaded to approaching the head

☞ Ordering example of other threads and lengths: 7991-\*\*\*x\*\*\*



Type zinc-plated steel 8.8	Type stainless steel A2*	d	l	b (min)
<b>d=M 8; d<sub>k</sub>=16 (ISO:17.9); k=4.4 (ISO:5.0); s=5</b>				
7991-M8x20	7991-M8x20 ES	M 8	20	*
7991-M8x25	7991-M8x25 ES	M 8	25	22
7991-M8x30	7991-M8x30 ES	M 8	30	22
7991-M8x35	7991-M8x35 ES	M 8	35	22
7991-M8x40	7991-M8x40 ES	M 8	40	22
7991-M8x50	7991-M8x50 ES	M 8	50	22
7991-M8x60	7991-M8x60 ES	M 8	60	22
7991-M8x70	7991-M8x70 ES	M 8	70	22
<b>d=M 10; d<sub>k</sub>=20 (ISO:22.4); k=5.5 (ISO:6.2); s=6</b>				
7991-M10x20	7991-M10x20 ES	M 10	20	*
7991-M10x30	7991-M10x30 ES	M 10	30	26
7991-M10x40	7991-M10x40 ES	M 10	40	26
7991-M10x50	7991-M10x50 ES	M 10	50	26
7991-M10x60	7991-M10x60 ES	M 10	60	26
7991-M10x70	7991-M10x70 ES	M 10	70	26

\* threaded to approaching the head



## Flat-head screws with cross recesses

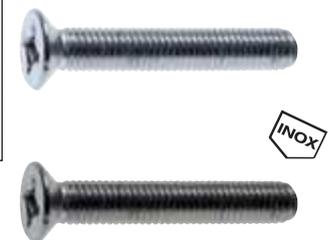
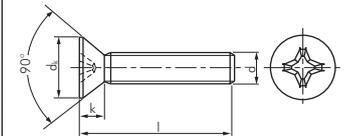
## DIN 965/ISO 7046

Type zinc-plated steel 4.8	Type stainless steel A2	d	l
<b>d=M 3; d<sub>k</sub>=5.6; k=1.65; cross recess=PH 1</b>			
965-M3x10	965-M3x10 ES	M 3	10
965-M3x20	965-M3x20 ES	M 3	20
965-M3x30	965-M3x30 ES	M 3	30
<b>d=M 4; d<sub>k</sub>=7.5; k=2.2; cross recess=PH 2</b>			
965-M4x10	965-M4x10 ES	M 4	10
965-M4x20	965-M4x20 ES	M 4	20
965-M4x30	965-M4x30 ES	M 4	30
965-M4x40	965-M4x40 ES	M 4	40
<b>d=M 5; d<sub>k</sub>=9.2; k=2.5; cross recess=PH 2</b>			
965-M5x10	965-M5x10 ES	M 5	10
965-M5x20	965-M5x20 ES	M 5	20
965-M5x30	965-M5x30 ES	M 5	30
965-M5x40	965-M5x40 ES	M 5	40
965-M5x50	965-M5x50 ES	M 5	50
965-M5x60	965-M5x60 ES	M 5	60

☞ Ordering example of other threads and lengths: 965-\*\*\*x\*\*\*



Type zinc-plated steel 8.8	Type stainless steel A2	d	l
<b>d=M 6; d<sub>k</sub>=11; k=3; cross recess=PH 3</b>			
965-M6x10	965-M6x10 ES	M 6	10
965-M6x20	965-M6x20 ES	M 6	20
965-M6x30	965-M6x30 ES	M 6	30
965-M6x40	965-M6x40 ES	M 6	40
965-M6x50	965-M6x50 ES	M 6	50
965-M6x60	965-M6x60 ES	M 6	60
<b>d=M 8; d<sub>k</sub>=14.5; k=4; cross recess=PH 4</b>			
965-M8x20	965-M8x20 ES	M 8	20
965-M8x30	965-M8x30 ES	M 8	30
965-M8x40	965-M8x40 ES	M 8	40
965-M8x50	965-M8x50 ES	M 8	50



## Multibox hexagon socket screws DIN 912

**Description:** This multi-box contains 260 hexagon socket screws, M 5 to M 10, in zinc-plated steel.

✓ **Advantages:** For ease of transport and clear arrangement, up to 4 of these multi-boxes can be stowed in the practical multi-box container type MULTIBOX P 1 C.

☞ **Info:** Hexagon socket screws can be found on page 623

Type	Content
MULTIBOX 912	60 screws M 5 (10 - 20 - 30 mm) 80 screws M 6 (20 - 25 - 30 - 40 mm) 80 screws M 8 (20 - 25 - 30 - 40 mm) 40 screws M 10 (30 - 40 mm)

