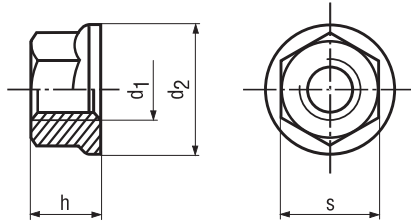


## Hexagon flange nuts

### Tuercas hexagonales con valona

#### 外六角发兰斯螺母



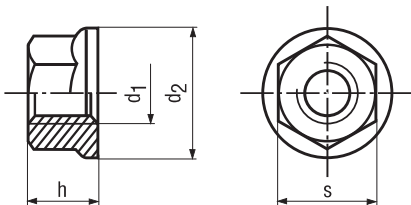
d <sub>1</sub>	d <sub>2</sub> max.	s	h max.	d <sub>1</sub>	d <sub>2</sub> max.	s	h max.
<b>M5</b>	11,8	8	5	<b>M12</b>	26	18	12
<b>M6</b>	14,2	10	6	<b>M14</b>	29,9	21	14
<b>M8</b>	17,9	13	8	<b>M16</b>	34,5	24	16
<b>M10</b>	21,8	15	10	<b>M20</b>	42,8	30	20

BN 41187			BN 1973		
d <sub>1</sub>	☐ / ☒	☐	d <sub>1</sub>	☐ / ☒	☐
M5	●	100	M12	●	100
M6	●	100	M16	●	50
M8	●	100			
M10	●	100	M5	●	100
			M6	●	100
			M8	●	100
			M10	●	100
			M12	●	100
			M14	●	50
			M16	●	50
			M20	●	50

## Hexagon flange nuts

### Tuercas hexagonales con valona

#### 外六角发兰斯螺母



d <sub>1</sub>	d <sub>2</sub> max.	s	h max.	d <sub>1</sub>	d <sub>2</sub> max.	s	h max.
<b>M3</b>	8	5,5	3,7	<b>M5</b>	12	8	5,5
<b>M4</b>	10	7	4,5	<b>M6</b>	13	10	6

BN 860		
d <sub>1</sub>	☐ / ☒	☐
M3	●	100
M4	●	100
M5	●	100
M6	●	100

<b>DIN 6923</b>	<b>8</b>
<b>ISO 4161</b>	
<b>Steel 8</b> <b>Acero 8</b>	
<ul style="list-style-type: none"> <li>■ zinc plated blue / cincado pasivado azul</li> <li>■ zinc plated yellow / cincado pasivado amarillo</li> </ul>	

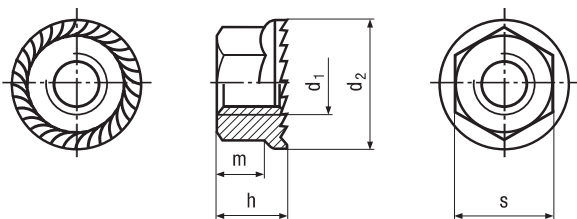
DIN 6923: Standard withdrawn  
Estándar descatálogo

<b>BN 860</b>	<b>5</b>
<b>Steel 5</b> <b>Acero 5</b>	
■ zinc plated blue / cincado pasivado azul	

## Hexagon locking nuts

## Tuercas hexagonales con valona dentada

## 外六角带齿发兰斯螺母



~DIN 6923

8

Steel 8  
Acero 8

■ zinc plated blue / cincado pasivado azul

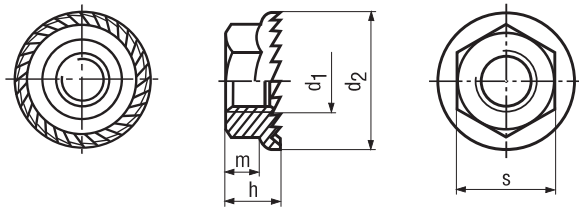
d <sub>1</sub>	d <sub>2</sub> max.	s	h max.	m min.	d <sub>1</sub>	d <sub>2</sub> max.	s	h max.	m min.
<b>M5</b>	11,8	8	5	2,2	<b>M10</b>	21,8	15	10	5,5
<b>M6</b>	14,2	10	6	3,1	<b>M12</b>	26	18	12	6,7
<b>M8</b>	17,9	13	8	4,5	<b>M16</b>	34,5	24	16	9

BN 30312		■
d <sub>1</sub>	▣ / ▤	▣
<b>M5</b>	●	100
<b>M6</b>	●	100
<b>M8</b>	●	100
<b>M10</b>	●	100
<b>M12</b>	●	100
<b>M16</b>	●	50

## Hexagon locking nuts

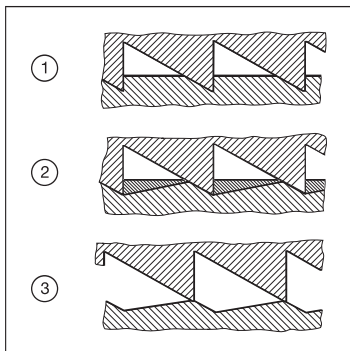
### Tuercas hexagonales con collar biselado y dentellado

### 外六角带锯齿发兰斯螺母



<b>VERBUS TENSILOCK®</b>	<b>8</b>
<b>Steel 8</b> <b>Acero 8</b>	
■ black / negro	

d1	d2	s	h	m	d1	d2	s	h	m
<b>M5</b>	11,2	8	4,3	2,55	<b>M8</b>	18,25	13	7	4,4
<b>M6</b>	14,25	10	5,5	3,3	<b>M10</b>	21	15	7,9	5,1



1. Tightening:  
Teeth penetrate the surface
2. Loosening:  
Teeth shear off material
3. Surface condition after loosening

1. Apretar:  
los dientes penetran en la superficie de colocación
2. Soltar:  
los dientes cizallan el material
3. Estado de la superficie después de soltar



Hexagon head locking screws VERBUS TENSILOCK®: BN 73 / CG 2  
Tornillo hexagonal de diente de bloqueo VERBUS TENSILOCK®: BN 73 / GC 2



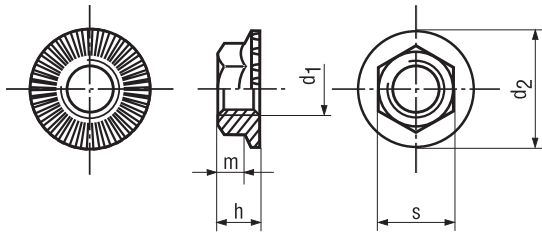
Preloads and tightening torques  
Precargas y pares de apriete

<b>BN 190</b>		■
d1	⚙ / ⚙	📦
<b>M5</b>	●	100
<b>M6</b>	●	100
<b>M8</b>	●	100
<b>M10</b>	●	100

## Hexagon locking nuts

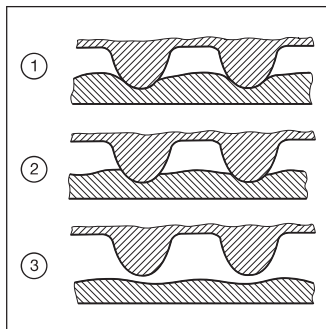
### Tuercas hexagonales con collar biselado y nervadura

### 外六角带肋法兰斯螺母



<b>VERBUS RIPP®</b>	<b>10</b>
<b>Steel 10</b> <b>Acero 10</b>	
<ul style="list-style-type: none"> <li>■ black / negro</li> <li>■ zincflake coated / láminas de zinc aluminio</li> </ul>	

d <sub>1</sub>	d <sub>2</sub>	s	h	m min.	d <sub>1</sub>	d <sub>2</sub>	s	h	m min.
<b>M5</b>	11,2	8	4,3	1,7	<b>M10</b>	21	15	8,5	3,6
<b>M6</b>	14,2	10	5,5	2,3	<b>M12</b>	24	17	10	4,4
<b>M8</b>	18,2	13	7	3	<b>M16</b>	31	22	14	6,7



1. Tightening:  
Surface penetration
2. Loosening:  
Shallow corrugations
3. After loosening:  
Slightly corrugated surface

1. Apretar:  
formación de ondulaciones
2. Soltar:  
ligera ondulación
3. Después de soltar:  
superficie ligeramente ondulada



Hexagon head locking screws VERBUS RIPP®: BN 2797 and BN 9727 / CG 2  
Tornillos de cabeza exagonal con collar biselado y dentellado VERBUS RIPP®: BN 2797 y BN 9727 / GC 2



Preloads and tightening torques  
Precargas y pares de apriete

BN 2798			BN 14527		
d <sub>1</sub>	■ / ♀	☰	d <sub>1</sub>	■ / ♀	☰
M5	●	100	M5	●	100
M6	●	100	M6	●	100
M8	●	100	M8	●	100
M10	●	100	M10	●	100
M12	●	100	M12	●	100
M16	●	100	M16	●	100