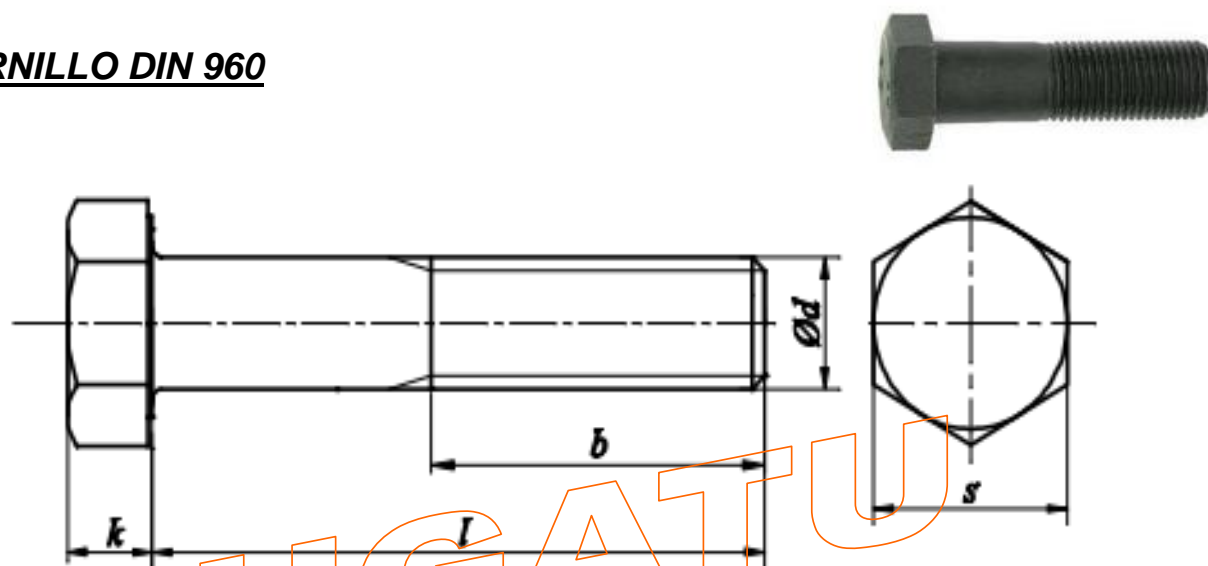


FICHA TÉCNICA

TORNILLO DIN 960



DIMENSIONES

Ødnom	M8x1	M10x1	M12x1,5	(M14x1,5)	M16x1,5	(M18x2)	M20x1,5	(M22x2)	M24x2	(M27x2)	M30x2	(M33x2)
Ødnom	-	M10x1,25	M12x1,25	-	-	(M18x1,5)	M20x2	(M22x1,5)	M24x1,5	-	-	-
$l \leq 125$	22	26	30	34	38	42	46	50	54	60	66	72
$b \text{ min } 125 < l \leq 200$	28	32	36	40	44	48	52	56	60	66	72	78
$l > 200$	41	46	49	53	57	61	65	69	73	79	85	91
k	5,3	6,4	7,5	8,8	10	11,5	12,5	14	15	17	18,7	21
s	13	17*	19*	22*	24	27	30	32*	36	41	48	50

Ødnom	M36x3	(M39x3)	M42x3	(M45x3)	M48x3	(M52x3)	M56x4	(M60x4)	M64x4	(M68)	M72x4
$l \leq 125$	78	84	90	96	102	-	-	-	-	-	-
$b \text{ min } 125 < l \leq 200$	84	90	96	102	108	116	124	132	140	148	156
$l > 200$	97	103	109	115	121	129	137	145	153	161	169
k	22,5	25	26	28	30	33	35	38	40	43	45
s	55	60	65	70	75	80	85	90	95	100	105

COINDICIONES TÉCNICAS DE SUMINISTRO



Steel: <i>property class: $d \leq 39$ mm: 5.6, 8.8, 10.9</i> <i>to ISO 898-1, $d > 39$ mm: as agreed</i> Stainless steel: <i>$d \leq 20$ mm: A2-70, A4-70</i> <i>20 mm $< d \leq 39$ mm: A2-50, A4-50</i> <i>to ISO 3506-1, $d > 39$ mm: as agreed</i> Non-ferrous metal: <i>acc.to ISO 8839</i>	Thread:	6g tolerances	ISO 261, ISO 965	
	Tolerances:	A dla $d \leq M24$ $l \leq 10d$ lub 150mm B dla $d > M24$ $l > 10d$ lub 150mm for $d \leq M24$ and $l \leq 10d$ or 150mm : A for $d > M24$ and $l > 10d$ or 150mm: B	ISO 4759-1	
	Finish	<i>as processed (from 8.8 class blackening)</i>		
		<i>electroplating</i>		ISO 4042
		<i>flake zinc</i>		ISO 10683
<i>hot dip galvanizing</i>		ISO 10684		
Material	Description		Norma Standard	

UGATU

Example designation of hexagon head bolt with thread M12x1,5, nominal length $l = 80$ mm, property class 8.8:

Hexagon head bolt DIN 960 - M12x1,5 x 80 - 8.8