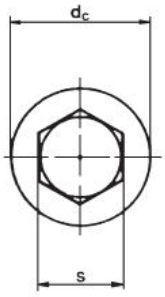
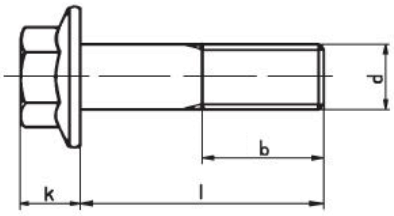
01056

DIN 6921

Flange bolt with serration

Steel 8.8 zinc plated





Specifications

Mechanical properties	ISO 898-1
Property class	8.8
Threads	6h
Coating	Zinc plated
Head Marking	Manufacturer's ID and 8.8 and U

d	M 6	M 8	M 10	M 12
b	18	22	26	30
k (max)	6,6	8,1	9,2	11,5
s	10	13	15	16
dc (max)	14,2	18	22,3	26,6
Pitch	1	1,25	1,5	1,75

Proof load

Diameter	Pitch	Tensile stress area	Proof load (As * Sp) in N
	P	As/mm2	Grade 8.8
m 6	1,00	20,10	11600
m 8	1,25	36,60	7.020
m 10	1,50	58,00	8.230
m 12	1,75	84,30	11600

Mechanical properties

			Grades	
			8.8	8.8
			≤ M 16	> M 16
Tensile strength	N/mm2	Nom.value	800	800
		Minimum	800	830
Stress under proof load	N/mm2	Nom.value	580	600
0.2% Elongation limit	N/mm2	Nom.value	640	640
		Minimum	640	660
Elongation after fracture	A_s in %	Minimum	12	12
Vickers Hardness	HV ≥ F 98N	Minimum	250	255
		Maximum	320	335
Brinell Hardness	HB F=30D2	Minimum	245	250
		Maximum	316	331
Rockwell hardness	HRC	Minimum HRC	22	23
		Maximum HRC	32	34

These are our recommended guidelines only

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