GSTIN- 29ADMPC3767H1Z9

UNIQUE FASTENERS

Precision Fasteners, Built to Last

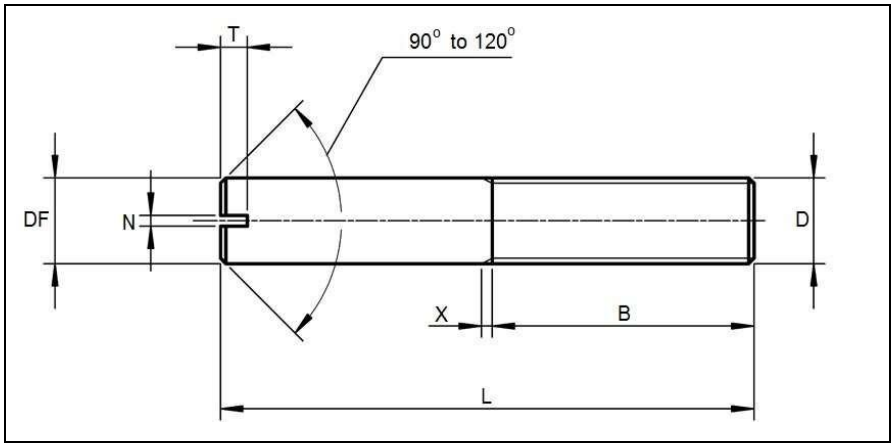
175/6 Sar Building, Sp Road, Bangalore, 560002

+91-8660813791 uniquefasteners.in INFO@UNIQUEFASTENERS.IN

RoHS

Product Dimensions and Weights **DIN 427 Technical Specifications**

Metric DIN 427 Slotted Set Screws with Flat Point



Dimensions of DIN 427 Slotted Set Screws with Flat Point

D		M 1.6	M 2	M 2.5	M 3	(M3.5)	M 4	M 5	M 6	M 8	M 10	M 12
P		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1	1.25	1.5	1.75
DF		Thread - core diameter										
DP	max.	0.8	1	1.5	2	2.2	2.5	3.5	4	5.5	7	8.5
	min.	0.55	0.75	1.25	1.75	1.95	2.25	3.2	3.7	5.2	6.64	8.14
N	Nominal size	0.25	0.25	0.4	0.4	0.5	0.6	0.8	1	1.2	1.6	2
	min.	0.31	0.31	0.46	0.46	0.56	0.66	0.86	1.06	0.26	1.66	2.06
	max.	0.45	0.45	0.6	0.6	0.7	0.8	1	1.2	1.51	1.91	2.31
T	min.	0.56	0.64	0.72	0.8	0.96	1.12	1.28	1.6	2	2.4	2.8
	max.	0.74	0.84	0.95	10.5	1.21	1.42	1.63	2	2.5	3	3.6
	min.	0.8	1	1.25	1.5	1.75	2	2.5	3	4	5	6
Z	max.	1.05	1.25	1.5	1.75	2	2.25	2.75	3.25	4.3	5.3	6.3

All measurements are in mm

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D	M2	M2.5	M3	M4	M5	M6	M8	M10
L nominal	veight kg / 1000pcs							
4			0.68					
5	0.28	0.46	0.73	1.41				
6	0.30	0.49	0.77	1.49	3.09			
8	0.35	0.55	0.86	1.64	3.33	4.79		
10	0.40	0.61	0.95	1.79	3.58	5.14	10.30	
12	0.45	0.67	1.05	1.64	3.82	5.49	10.90	19.30
14	0.50	0.73	1.16	2.10	4.06	5.84	11.50	20.50
16	0.55	0.79	1.27	2.28	4.30	6.20	12.10	21.30
18	0.60	0.85	1.38	2.48	4.60	6.55	12.70	22.30
20		0.91	1.50	2.70	4.85	6.90	13.30	23.20
22		0.97	1.62	2.93	5.10	7.25	14.00	24.20
25		1.06	1.78	3.23	5.60	7.80	15.20	25.70
28			1.95	3.52	6.10	8.40	16.40	27.20
30			2.06	3.72	6.40	8.90	17.20	28.20
35				4.21	7.20	10.10	19.20	31.30
40				4.71	8.00	11.20	21.10	34.40
45					8.80	12.30	23.10	37.50
50					9.60	13.40	25.10	41.10
55							27.10	44.20

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Metric DIN 427 Slotted Set Screws with Flat Point are typically used to secure one object within or against another. Since the set screw (aka grub screw) is headless and threaded along the entire length of the screw it can pass through a threaded hole of one object and tightened against another object. They are often used to prevent relative motion between two rotating parts such as the movement of a pulley or a gear on a shaft. The clamping force is generated through the bottom tip of the screw that projects through the outer object into or against the inner object. The flat point is a flat surface on the opposite end from the slotted drive and is the simplest and most economical type of set screw and is used for frequent repositioning of components where minimal shaft deformation is required. The slot drive allows for tightening and/or loosening with a single blade slotted screwdriver. Unique Fasteners offers the following sizes for immediate delivery from stock: Diameters ranging from M3 to M10 and lengths up to 40mm in Steel and stainless steel A2 and A4.

DIN (**D**eutsches **I**nstitut für **N**ormung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as Metric DIN 427 Slotted Set Screws with Flat Point. The DIN standards remain common in Germany, Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization as Metric DIN 427 Slotted Set Screws with Flat Point.