



DIN 557 Square Nut

Leader Fastener is acknowledged as a manufacturer, exporter & suppliers of **DIN 557 Square Nut** For High Strength Struc. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business

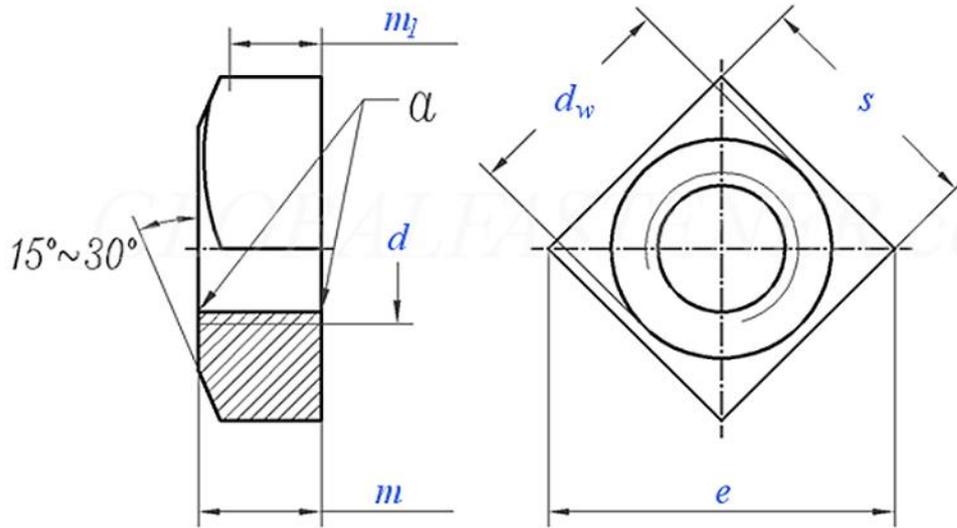
by topping quality, knight service and competitive price in the near future and be your friends as well.

Metric **DIN 557 regular pattern square nut** are four sided nuts. Their geometry provides a greater surface area to apply higher torque when tightening and also a greater surface are in contact with the part being fastened, thereby increasing the resistance to loosening. DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as metric **DIN 557 regular pattern square nut**. 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.

Product Specification of DIN 557 Square Nut

Material : Carbon steel, Stainless steel, Alloy Steel, Brass.

Finishment: Black, Zinc Plated, Zinc Yellow, HDG, Phosphate, DACROMET, Geomet, Magin, Ruspert, Teflon, etc.

DIN 557 - 1994 Square Nuts-Product Grade C


a: Countersink permitted

Thread Size		M5	M6	M8	M10	M10	M12
d					SW16		SW18
P	Pitch	0.8	1	1.25	1.5	1.5	1.75
d _w	min	6.7	8.7	11.5	14.5	15.5	16.5
e	max	11.3	14.1	18.4	22.6	24	25.4
	min	9.93	12.53	16.34	20.24	21.54	22.84
m	max=nominal size	4	5	6.5	8	8	10
	min	3.52	4.52	5.92	7.42	7.42	9.42
m ₁	min	2.5	3.2	4.1	5.2	5.2	6.6
s	max=nominal size	8	10	13	16	17	18
	min	7.64	9.64	12.57	15.57	16.57	17.57
per 1000 units≈kg		1.31	2.77	5.5	10.7	13	16.3

①,If M10 and M12 nuts are required to be supplied according to the widths across flats of 16mm and 18mm specified in ISO 272, the widths across flats (SW) shall be added to the mark

②,Material:

a)Steel, Property class: 5 As specified in DIN EN 20898-2

b) Nut of property class 5 shall be made of steel conforming to the chemical composition C_{max} 0.5%; P_{max} 0.06%; S_{max} 0.15%. Nuts of these property classes may be manufactured from free-cutting steel manufacturer.

In such cases, the following maximum sulfur, phosphorus and lead contents are permissible: sulfur 0.34%; phosphorus 0.11% ; lead 0.35%. As specified in DIN EN 20898-12