

Tapered Washers / Tapered Nuts / Square Nuts / Square Washers

Tapered Washers

Type	M Material	S Surface Treatment
ZTQ	SS400	Trivalent Bright Chromate Plating
ZTQM	S45C	Trivalent Chromate

ZTQ (Square Type) **ZTQM (Round Type)**

RoHS10

Tapered Nuts

ZTN

RoHS10

M Material: SS400
S Surface Treatment: Trivalent Bright Chromate Plating

Part Number	Angle α	d	D	Angle 3°		Angle 5°		Angle 8°		ZTQ		ZTQM	
				t1	t2	t1	t2	t1	t2	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
ZTQ ZTQM	6	7	16	1.2	2	1.6	3	1.7	4	1 - 49 pcs(s)	50 - 200 pcs.	1 - 49 pcs(s)	50 - 100 pcs.
	8	9	18	1.1	2	1.4	3	1.5	4				
	10	11	22	1.8	3	2	4	1.9	5				
	12	14	26	1.6	3	1.7	4	2.3	6				
	16	18	32	3.3	5	3.2	6	3.5	8				
	20	21	40	2.9	5	2.5	6	3.4	9				
	24	27	52	3.3	6	3.5	8	3.7	11				

Part Number	Angle α	D	Angle 3°		Angle 5°		Angle 8°		d	Unit Price	Volume Discount Rate
			t1	t2	t1	t2	t1	t2			
ZTN	6	16	5	5.8	5	6.4	5	7.2	7	1 - 49 pcs(s)	50 - 100 pcs.
	8	18	6.5	7.4	6.5	8.1	6.5	9	9		
	10	22	8	9.2	8	9.9	8	11.1	11		
	12	26	10	11.3	10	12.2	10	13.5	13		
	16	32	13	14.7	13	15.8	13	17.5	17		

Ordering Example: Part Number - **ZTQ6** - **5**

Square Nuts

NSQ

RoHS10

M Material: SS400
S Surface Treatment: Trivalent Bright Chromate Plating

Part Number	Type	M (Coarse)	L	B	T	Unit Price	Volume Discount Rate
NSQ	4	4	7	7	3.2		
	5	5	8	8	4		
	6	6	16	10	4.5		
	8	8	42	15.5	6		

Ordering Example: Part Number **NSQ8**

For orders larger than indicated quantity, please check with WOS.

Square Nuts, Square Washers - Dim. Configurable 1-Hole

Type	Nuts	Washers	M Material	S Surface Treatment
FKT	FKW		S45CD	-
FKTB	FKWB		S45CD	Black Oxide
FKTS	FKWS		SUS304	-

RoHS10

Part Number	Type	B	1mm Increment	A	0.5mm Increment	P	M (Coarse)	T	Unit Price		
									FKT	FKTB	FKTS
Nuts	16	16	16-50	M/2+2SPsA-M/2-2	6	6					
	22	22			8	6					
	25	25			10	9					
	38	38			12	10					

Part Number	Type	B	1mm Increment	A	0.5mm Increment	P	D Selection		Unit Price		
							FKW	FKWB	FKWS		
Washers	16	16	16-50	D/2+2SPsA-D/2-2	7	9					
	22	22			7	9					
	25	25			7	9	11	14			
	38	38			7	9	11	14			

Ordering Example: Part Number **FKW16** - **A20** - **P10** - **D7**