

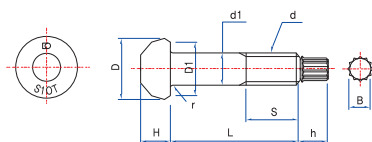
We will produce the best products

제품규격

Production Progress

동아볼트(주)의 주요 제품규격입니다.

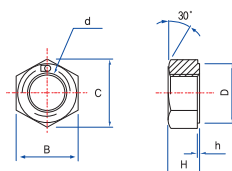
TORQUE SHEAR BOLT, NUT & 1WASHER



(JSS II-09)

UNIT:mm

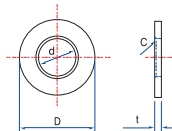
SIZE (d)	d1		D1	D	H		h	B		r	s	
	basic	tol	min	min	basic	tol	basic	tol	tol	app	basic	tol
M16	16	+0.7 -0.2	26	27	10	±0.8	15	11.3	±0.3	1.2-2.0	30	+5 0
M20	20	+0.8 -0.4	33	34	13	±0.9	18	14.1			35	+6 0
M22	22		37	38.5	14		19	15.4			40	
M24	24		41	43	15		20	16.8		45		
										1.6-2.4		



(JSS II-09)

UNIT:mm

SIZE (d)	H		B		C	D	h
	basic	tol	basic	tol	ref	min	
M16	16	±0.35	27	0 -0.8	31.2	25	0.4-0.8
M20	20	±0.4	32	0 -1	37	29	
M22	22		36		41.6	33	
M24	24		41		47.3	38	



(JSS II-09)

UNIT:mm

SIZE (d)	H		B		C	D	h
	basic	tol	basic	tol	ref	min	
M16	17	+0.7 0	32	0 -1	4.5	±0.5	1.5
M20	21	+0.8 0	40		6	±0.7	2
M22	23		44				2.4
M24	25		48				2.4

MECHANICAL PROPERTIES

ITEM	TENSILE TEST	GRADE	JSS II - 09
			S10T
BOLT	Tensile Strength N/mm ²		1000~1200
	Yield Strength N/mm ²		900Min
	Elongation (%)		14Min
	Reduction of Area (%)		40Min
	Haedness		HRC27 ~ HRC38
NUT	Haedness		HRB95(HRC15.7) ~ HRC35
WASHER	Haedness		HRC35 ~ HRC45

FASTENING LOAD OF SET

UNIT:kN

S 10 T	NOM. DIA	AXIAL LOAD OF BOLT	
	MM	NORMAL TEMP(10°C~30°C)	BEYOND NORMAL TEMP(0°C~60°C)
	M16	110 ~ 133	106 ~ 139
	M20	172 ~ 207	165 ~ 217
	M22	212 ~ 256	205 ~ 268
	M24	247 ~ 298	238 ~ 312

WEIGHTS(SETS) & RANGE OF PRODUCTS

UNIT:gr

LENGTH	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	NUT	WASHER
M16	185	191	199	207	215	223	231	239	247	255	263	271	279	287	295										57	20
M20		318	328	341	354	367	380	393	406	419	432	445	458	471	484	497	510	523	536	549					97	32
M22			449	463	478	493	508	523	538	553	568	583	598	613	628	643	658	673	688	703	718	733	748		137	52
M24					631	649	667	685	703	721	739	757	775	793	811	829	847	865	883	901	919	937	955	973	201	62

HOW TO FASTEN T.S BOLT, NUT & 1WASHER

