

A. UKURAN BAJA TULANGAN SIRIP

NO	NAMA	DIAMETER NOMINAL (d)	LUAS PENAMPANG Nominal Cm	DIAMETER DALAM NOMINAL (do) mm	TINGGI SIRIP		JARAK SIRIP MELINTANG (maks) mm	LEBAR RUSUK MELINTANG (maks) mm	BERAT NOMINAL Kg/m
					MIN	MAKS			
		mm	mm	mm	mm	mm	mm		
1	S-6	6	0.2827	5.5	0.3	0.6	4.2	4.7	0.222
2	S-8	8	0.5027	7.3	0.4	0.8	5.6	6.3	0.395
3	S-10	10	0.785	8.9	0.5	1	7	7.9	0.617
4	S-13	13	1.327	12	0.7	1.3	9.1	10.2	1.04
5	S-16	16	2.011	15	0.8	1.6	11.2	12.6	1.58
6	S-19	19	2.835	17.8	1	1.9	13.3	14.9	2.23
7	S-22	22	3.801	20.7	1.1	2.2	15.4	17.3	2.98
8	S-25	25	4.909	23.6	1.3	2.5	17.5	19.7	3.85
9	S-29	29	6.605	27.2	1.5	2.9	20.3	22.8	5.19
10	S-32	32	8.042	30.2	1.6	3.2	22.4	25.1	6.31
11	S-36	36	10.18	34	1.8	3.6	25.2	28.3	7.99
12	S-40	40	12.57	38	2	4	28	31.4	9.87
13	S-50	50	19.54	48	2.5	5	35	39.3	17.4

B. SIFAT MEKANIK

Kelas Baja Tulangan	Nomor Batang Uji	Uji Tarik			Uji Lengkung	
		Batas Ulur Kgf/mm ² (N/mm ²)	Kuat Tarik Kgf/mm ² (N/mm ²)	Regang min (%)	Sudut Lengkung	Diameter Pelengkung
BjTP 24	N0.2	Minimum 24 (235)	Minimum 39 (380)	20	180 ⁰	3 x d
	NO.3			24		
BjTP 30	N0.2	Minimum 30 (295)	Minimum 45 (440)	18	180 ⁰	d ≤ 16 = 3 x d d > 16 = 4 x d
	NO.3			20		
BjTS 30	N0.2	Minimum 30 (295)	Minimum 45 (440)	16	180 ⁰	d ≤ 16 = 3 x d d > 16 = 4 x d
	NO.3			18		
BjTS 35	N0.2	Minimum 35 (345)	Minimum 50 (490)	18	180 ⁰	d ≤ 16 = 3 x d 16 < d ≤ 40 = 4 x d d ≥ 40 = 5 x d
	NO.3			20		
BjTS 40	N0.2	Minimum 40 (390)	Minimum 57 (560)	16	180 ⁰	5 x d
	NO.3			18		
BjTS 50	N0.2	Minimum 50 (490)	Minimum 63 (620)	12	90 ⁰	d ≤ 25 = 5 x d d > 25 = 6 x d
	NO.3			14		

C. SIFAT KIMIA

Grade	Chemical Composition					
	%C (max)	%Si (max)	%Mn (max)	%P (max)	%S (max)	CE (C+Mn/6) % (max)
BJTP-24				0.050	0.050	
BJTP-30				0.050	0.050	
BJTS-35	0.27	0.55	1.60	0.050	0.050	0.050
BJTS-40	0.29	0.55	1.80	0.050	0.050	0.055
BJTS-50	0.32	0.55	1.80	0.050	0.050	0.060