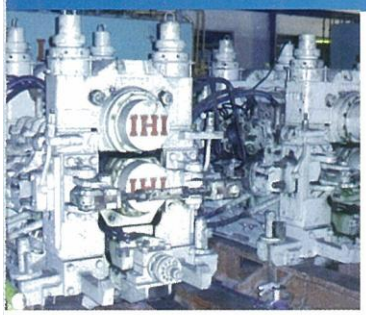
PT. ISPAT PANCA PUTERA

BARS AND DEFORMED BARS



ABOUT US

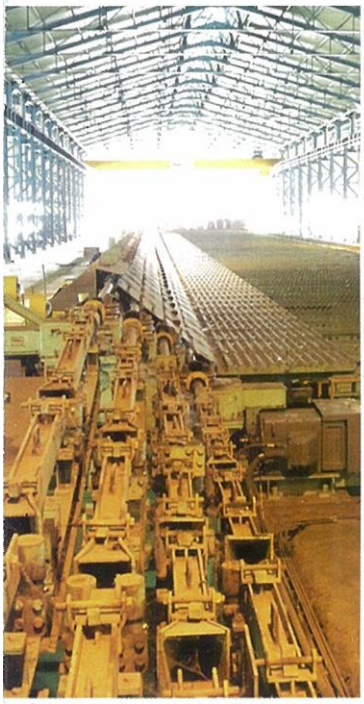
PT. Ispat Panca Putera is one of the largest Bar Mill in Indonesia producing Round Bars and Deformed Bars. PT. Ispat Panca Putera is located in the Gresik Industrial Estate of East Java on a 6.4 hectare site. The company has an annual production capacity of 300,000 tons. Our product is used in prestigious projects all over Indonesia. We are also exporting to Australia, New Zealand, Hongkong, Mauritius etc.

PRODUCTS

SIZE RANGE

- Round Bar : 8 mm - 32 mm
- Deformed Bar : 10 mm - 32 mm

INDUSTRIAL PROCESS



FACILITIES

- Billet reheating furnace from Okura Japan.
- Rolling mill from IHI Japan.
- Automation & drive system from SIEMENS Germany.
- Bench bending of bars.

STRENGTHS

- PT. Ispat Panca Putera is supported by the strong Technical, Research & Development supports from across the globe by virtue of being a subsidiary of PT. Ispat Indo.
- PT. Ispat Panca Putera is committed to complete Customer Delight by providing the best products and services in its Market Segment.
- ISO 9001 : 2008, ISO 14001 : 2008 by LRQA.
- SNI 07-2052-2002 Certification by LSPro - Surabaya.
- SMK3 Certificate - Certification for safety and health management system.

CERTIFICATION

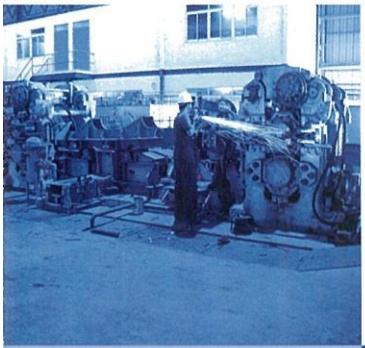
- SNI - Indonesia
- SIRIM - Malaysia





CONTACT DETAILS

Distributor	: PT. TATA PERKASA ABADI INDONESIA
	: Jl. Dharmahusada Utara No.37 Surabaya 60285 - Indonesia
Telephone	: 031 - 593 9311 - 12
Fax	: 031 - 593 9311
E-mail	: tpaisurabaya@gmail.com



PRODUCT SPECIFICATIONS

SNI 07-2052 2002-DEFORMED STEEL BAR

No.	Marking	Nominal Diameter (d)	Nominal Section Width	Nominal Inside Diameter (do)	High of rib		Distance of rib	Width of fins	Nominal weight
					min	max	(max)	(max)	
		mm	cm2	mm	min	Mm	Mm	mm	kg/m
1	S.13	13	1.327	12.0	0.7	1.3	9.1	10.2	1.04
2	S.16	16	2.011	15.0	0.8	1.6	11.2	12.6	1.58
3	S.19	19	2.835	17.8	1.0	1.9	13.3	14.9	2.23
4	S.22	22	3.801	20.7	1.1	2.2	15.4	17.3	2.98
5	S.25	25	4.909	23.6	1.3	2.5	17.5	19.7	3.85
6	S.29	29	6.625	27.2	1.5	2.9	20.3	22.8	5.18
7	S.32	32	8.042	30.2	1.6	3.2	22.4	25.1	6.31

SNI 07-2052-2002-ROUND STEEL BAR

No.	Marking	Nominal Diameter (d) (mm)	Area of Nominal Section (L) (Cm 2)	Nominal weight
1	P.6	6	0.2827	0.222
2	P.8	8	0.5027	0.395
3	P.10	10	0.7854	0.617
4	P.12	12	1.131	0.888
5	P.14	14	1.539	1.12
6	P.16	16	2.011	1.58
7	P.19	19	2.835	2.23
8	P.22	22	3.801	2.98
9	P.25	25	4.909	3.85
10	P.28	28	6.158	4.83
11	P.32	32	8.042	6.31

Malaysian Standard & Equivalent British Standard-Plain & Deformed Steel Bars

No.	Nominal Diameter	Cross-sectional area	Cross-sectional area	No. Pcs Per-Bundle (12 mtr leght)	Weight Per-Bundle	Tolerance on Mass Per- Mtr Run
	mm	mm2	Kg/mtr	pcs	kgs	%
1	12	113.1	0.888	96	1023	4.5
2	16	201.1	1.579	54	1023	4.5
3	20	314.2	2.466	34	1006	4.5
4	22	380.1	2.984	28	1003	4.5
5	25	490.9	3.856	22	1017	4.5
6	28	615.8	4.834	18	1044	4.5
7	32	804.2	6.313	14	1061	4.5
8	40	1,256.6	9.864	9	1065	4.5

STANDARD	GRADE	CHEMICAL COMPOSITION						MECHANICAL PROPERTIES						
		C	Si	Mn	P max	S max	C+Mn/6	TS (Min)	YP (Min)	Elongation (%)				
		(%)	(%)	(%)	(%)	(%)		(kgf/mm2)	(kgf/mm2)	No. 2		No. 3		
SNI 07-2052-2002 (INDONESIA)	Bj TP 24	-	-	-	-	-	-	39	24	20		24		
	Bj TP 30	-	-	-	-	-	-	45	30	18		20		
	Bj TS 30	-	-	-	-	-	-	45	30	16		18		
	Bj TS 35	-	-	-	-	-	-	50	35	18		20		
	Bj TS 40	-	-	-	-	-	-	57	40	16		18		
	Bj TS 50	-	-	-	-	-	-	63	50	12		14		
								N/mm2	N/mm2	No.2		No.14A		
JIS G3112:2006 (JAPAN)	SR 235	-	-	-	0.050	0.050	-	380 to 520	235 min	20		22		
	SD 295	-	-	-	0.050	0.050	-	440 - 600	295 min	18		19		
	SD 345	0.27 max	0.55 max	1.60 max	0.040	0.040	0.50 max	490 min	345 to 440	18		19		
	SD 390	0.29 max	0.55 max	1.80 max	0.040	0.040	0.55 max	560 min	390 to 510	16		17		
	SD 490	0.32 max	0.55 max	1.80 max	0.040	0.040	0.6o max	620 min	490 to 625	12		13		
								(N/mm2)	(N/mm2)	No.	G.40	G.50	G.60	G.75
ASTM A615/615M (U.S.A)	Grade 40	0.27-0.34	0.35 max	0.60 - 0.90	0.050	0.050	0.37 - 0.49	500	300	3	11	6	9	-
										4	12	7	9	-
	Grade 50	0.28-0.34	0.35 max	0.70 - 0.80	0.050	0.050	0.40 - 0.47	550	350	5	12	7	9	-
										6	12	7	9	7
	Grade 60	0.28-0.33	0.35 max	1.15 - 1.35	0.045	0.045	0.47 - 0.55	620	420	7	-	6	8	7
										8	-	5	8	7