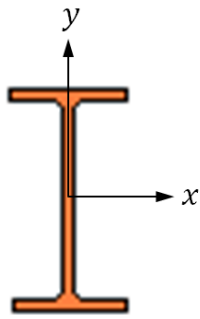
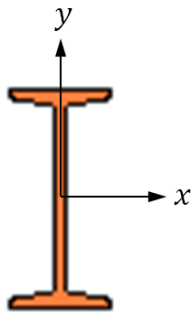


IPE



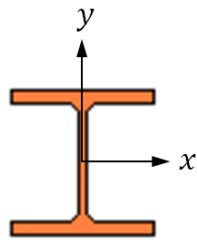
NAME	d	bf	tw	tf	r	A	G	Ix	Sx	rx	Iy	Sy	ry	Zx	Zy	Cw	rts	J	Fy=240 Mpa		Fy=360 Mpa	
	cm	cm	cm	cm	cm	cm ²	Kg/m	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	cm ³	cm ³	cm ⁶	cm	cm ⁴	Lp cm	Lr cm	Lp cm	Lr cm
IPE80	8	4.6	0.38	0.52	0.5	7.64	6	80.1	20	3.24	8.49	3.69	1.05	23.2	5.8	118.8	1.26	0.56	53.3	262.6	43.6	181.9
IPE100	10	5.5	0.41	0.57	0.7	10.3	8.1	171	34.2	4.07	15.9	5.79	1.24	39.4	9.1	353.5	1.48	0.88	63.0	271.5	51.4	191.8
IPE120	12	6.4	0.44	0.63	0.7	13.2	10.4	318	53	4.9	27.7	8.65	1.45	60.7	13.6	895.2	1.72	1.37	73.7	294.9	60.2	211.2
IPE140	14	7.3	0.47	0.69	0.7	16.4	12.9	541	77.3	5.74	44.9	12.3	1.65	88.3	19.2	1988.6	1.97	2.04	83.8	320.3	68.4	231.8
IPE160	16	8.2	0.5	0.74	0.9	20.1	15.8	869	109	6.58	68.3	16.7	1.84	123.9	26.0	3976.2	2.19	2.82	93.5	339.0	76.3	248.3
IPE180	18	9.1	0.53	0.8	0.9	23.9	18.8	1320	146	7.42	101	22.2	2.05	166.4	34.5	7470.0	2.44	3.92	104.2	368.9	85.0	271.9
IPE200	20	10	0.56	0.85	1.2	28.5	22.4	1940	194	8.26	142	28.5	2.24	220.6	44.4	13018.6	2.65	5.17	113.8	387.7	92.9	288.2
IPE220	22	11	0.59	0.92	1.2	33.4	26.2	2770	262	9.11	205	37.3	2.48	285.4	57.9	22773.8	2.87	7.09	126.0	411.9	102.9	308.0
IPE240	24	12	0.62	0.98	1.5	39.1	30.7	3890	324	9.97	284	47.3	2.69	366.6	73.5	37624.3	3.18	9.28	136.7	452.0	111.6	338.7
IPE270	27	13.5	0.66	1.02	1.5	45.9	36.1	5790	429	11.2	420	62.2	3.02	484.0	96.5	70870.8	3.57	11.94	153.4	490.1	125.3	371.0
IPE300	30	15	0.71	1.07	1.5	53.8	42.2	8360	567	12.5	604	80.5	3.35	628.4	124.8	126378.7	3.93	15.57	170.2	525.9	139.0	401.2
IPE330	33	16	0.75	1.15	1.8	62.6	49.1	11770	713	13.7	788	98.5	3.55	804.3	152.9	199841.2	4.20	20.54	180.4	556.8	147.3	425.9
IPE360	36	17	0.8	1.27	1.8	72.7	57.1	16270	904	15	1040	123	3.79	1019.1	190.3	313605.0	4.47	28.93	192.6	595.3	157.2	454.9
IPE400	40	18	0.86	1.35	2.1	84.5	66.3	23130	1160	16.5	1320	146	3.95	1307.1	227.6	492961.4	4.69	37.43	200.7	613.2	163.9	471.2
IPE450	45	19	0.94	1.46	2.1	98.8	77.6	33740	1500	18.5	1680	176	4.12	1701.8	275.0	796207.3	4.94	51.07	209.3	638.4	170.9	492.3
IPE500	50	20	1.02	1.6	2.1	116	90.7	48200	1930	20.4	2140	214	4.31	2194.1	334.5	1253269.6	5.18	71.17	219.0	666.8	178.8	514.9
IPE550	55	21	1.11	1.72	2.4	134	106	67120	2440	22.3	2670	254	4.45	2787.0	398.4	1894871.2	5.40	94.74	226.1	690.1	184.6	534.0
IPE600	60	22	1.2	1.9	2.4	156	122	92080	3070	24.3	3390	308	4.66	3512.4	483.6	2860829.5	5.66	132.97	236.8	726.5	193.3	561.6

INP



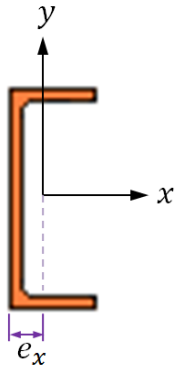
NAME	d	bf	tw	tf	r	A	G	Ix	Sx	rx	Iy	Sy	ry	Zx	Zy	Cw	rts	J	Fy=240 Mpa		Fy=360 Mpa	
	cm	cm	cm	cm	cm	cm ²	Kg/m	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	cm ³	cm ³	cm ⁶	cm	cm ⁴	Lp cm	Lr cm	Lp cm	Lr cm
INP80	8	4.2	0.39	0.59	0.23	7.57	5.94	77.8	19.5	3.2	6.29	3	0.91	23.0	5.5	86.3	1.09	0.71	46.2	257.4	37.8	176.0
INP100	10	5	0.45	0.68	0.27	10.6	8.34	171	34.2	4.01	12.2	4.88	1.07	40.4	9.0	264.9	1.29	1.31	54.4	280.3	44.4	193.1
INP120	12	5.8	0.51	0.77	0.31	14.2	11.1	328	54.7	4.81	21.5	7.41	1.23	64.5	13.7	677.9	1.49	2.23	62.5	305.8	51.0	212.1
INP140	14	6.6	0.57	0.86	0.34	18.2	14.3	573	81.9	5.61	35.2	10.7	1.4	96.7	19.8	1519.4	1.68	3.56	71.1	332.5	58.1	232.0
INP160	16	7.4	0.63	0.95	0.38	22.8	17.9	935	117	6.4	54.7	14.8	1.55	138.0	27.5	3097.4	1.88	5.40	78.8	360.0	64.3	252.4
INP180	18	8.2	0.69	1.04	0.41	27.9	21.9	1450	161	7.2	81.3	19.8	1.71	189.5	36.9	5846.3	2.07	7.89	86.9	387.7	70.9	272.9
INP200	20	9	0.75	1.13	0.45	33.4	26.2	2140	214	8	117	26	1.87	252.4	48.3	10415.2	2.27	11.15	95.0	417.9	77.6	295.1
INP220	22	9.8	0.81	1.22	0.49	39.5	31.1	3060	278	8.8	162	33.1	2.02	327.9	61.9	17488.2	2.46	15.33	102.6	445.8	83.8	315.6
INP240	24	10.6	0.87	1.31	0.52	46.1	36.2	4250	354	9.59	221	41.7	2.2	416.9	77.8	28444.7	2.66	20.58	111.8	475.7	91.3	337.7
INP260	26	11.3	0.94	1.41	0.56	53.3	41.9	5740	442	10.4	288	51	2.32	521.1	95.3	43536.1	2.83	27.54	117.9	503.8	96.2	357.9
INP280	28	11.9	1.01	1.52	0.61	61	47.9	7590	542	11.1	364	61.2	2.45	640.2	114.2	63808.3	2.98	36.43	124.5	531.1	101.6	377.3
INP300	30	12.5	1.08	1.62	0.65	69	54.2	9800	653	11.9	451	72.2	2.56	772.8	134.6	90811.6	3.13	46.67	130.1	555.9	106.2	395.1
INP320	32	13.1	1.15	1.73	0.69	77.7	61	12510	782	12.7	555	84.7	2.67	926.0	158.2	127132.9	3.28	59.69	135.7	582.3	110.8	413.8
INP340	34	13.7	1.22	1.83	0.73	86.7	68	15700	923	13.5	674	98.4	2.8	1094.2	183.4	174382.1	3.43	74.34	142.3	607.3	116.2	431.8
INP360	36	14.3	1.3	1.95	0.78	97	76.1	19610	1090	14.2	818	114	2.9	1292.7	213.3	237097.8	3.57	94.20	147.3	636.6	120.3	452.2
INP380	38	14.9	1.37	2.05	0.82	107	84	24010	1260	15	975	131	3.02	1501.4	243.9	315023.1	3.73	114.63	153.4	663.5	125.3	471.4
INP400	40	15.5	1.44	2.16	0.86	118	92.4	29210	1460	15.7	1160	149	3.13	1736.4	278.5	415241.0	3.88	139.65	159.0	689.5	129.8	489.9
INP425	42.5	16.3	1.53	2.3	0.92	132	104	36970	1740	16.7	1440	176	3.3	2070.1	328.4	581774.4	4.08	177.46	167.7	726.3	136.9	515.9
INP450	45	17	1.62	2.43	0.97	147	115	45850	2040	17.7	1730	203	3.43	2427.1	378.2	783778.6	4.25	219.51	174.3	755.5	142.3	536.8
INP475	47.5	17.8	1.71	2.56	1.03	163	128	56480	2380	18.6	2090	235	3.6	2834.7	437.4	1055242.9	4.44	269.73	182.9	789.2	149.3	560.9
INP500	50	18.5	1.8	2.7	1.08	179	141	68740	2750	19.6	2480	268	3.72	3279.8	499.2	1387119.8	4.62	329.46	189.0	821.9	154.3	583.9
INP550	55	20	1.9	3	1.19	212	166	99180	3610	21.6	3490	349	4.02	4289.9	645.5	2359240.0	5.01	472.03	204.2	889.8	166.8	632.5
INP600	60	21.5	2.16	3.24	1.3	254	199	139000	4630	23.4	4670	434	4.3	5539.1	813.0	3761331.9	5.35	667.29	218.5	953.1	178.4	677.0

IBP



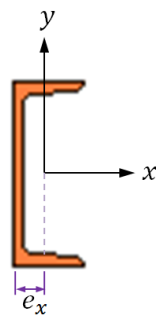
NAME	d	bf	tw	tf	r	A	G	I _x	S _x	r _x	I _y	S _y	r _y	Z _x	Z _y	C _w	r _{ts}	J	F _y =240 Mpa		F _y =360 Mpa	
	cm	cm	cm	cm	cm	cm ²	Kg/m	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	cm ³	cm ³	cm ⁶	cm	cm ⁴	L _p cm	L _r cm	L _p cm	L _r cm
IPB100	10	10	0.6	1	1.2	26	20.4	450	89.9	4.16	167	33.5	2.53	104.2	51.2	3381.8	2.89	7.24	128.5	904.6	105.0	608.3
IPB120	12	12	0.65	1.1	1.2	34	26.7	864	144	5.04	318	52.9	3.06	165.2	80.8	9445.4	3.47	11.55	155.5	987.3	126.9	666.4
IPB140	14	14	0.7	1.2	1.2	43	33.7	1510	216	5.93	550	78.5	3.58	245.4	119.6	22528.0	4.04	17.45	181.9	1068.2	148.5	723.9
IPB160	16	16	0.8	1.3	1.5	54.3	42.6	2490	311	6.78	889	111	4.05	354.0	169.5	48026.0	4.58	25.72	205.8	1149.1	168.0	781.5
IPB180	18	18	0.85	1.4	1.5	65.3	51.2	3830	426	7.66	1360	151	4.57	481.4	230.6	93690.4	5.15	36.04	232.2	1232.7	189.6	841.4
IPB200	20	20	0.9	1.5	1.8	78.1	61.3	5700	570	8.54	2000	200	5.07	642.5	305.0	171125.0	5.70	49.13	257.6	1309.6	210.3	897.2
IPB220	22	22	0.95	1.6	1.8	91	71.5	8090	736	9.43	2840	258	5.59	827.0	393.1	295473.6	6.27	65.45	284.0	1399.5	231.9	961.7
IPB240	24	24	1	1.7	2.1	106	83.2	11260	938	10.3	3920	327	6.08	1053.1	497.1	487344.2	6.83	85.47	308.9	1479.7	252.2	1020.1
IPB260	26	26	1	1.75	2.4	118	93	14920	1150	11.2	5130	395	6.58	1282.9	600.1	754190.2	7.35	100.40	334.3	1508.9	273.0	1047.4
IPB280	28	28	1.05	1.8	2.4	131	103	19270	1380	12.1	6590	471	7.09	1534.4	715.5	1130909.9	7.91	118.28	360.2	1558.5	294.1	1088.0
IPB300	30	30	1.1	1.9	2.7	149	117	25170	1680	13	8560	571	7.58	1868.7	867.1	1689765.4	8.46	148.80	385.1	1641.8	314.4	1148.9
IPB320	32	30	1.15	2.05	2.7	161	127	30820	1930	13.8	9240	616	7.57	2149.2	936.0	2072075.8	8.47	186.45	384.6	1658.7	314.0	1159.0
IPB340	34	30	1.2	2.15	2.7	171	134	36660	2160	14.6	9690	646	7.53	2408.1	982.6	2457438.5	8.45	215.87	382.6	1637.1	312.4	1145.9
IPB360	36	30	1.25	2.25	2.7	181	142	43190	2400	15.5	10140	676	7.49	2683.0	1029.4	2887523.4	8.44	248.32	380.5	1619.9	310.7	1135.6
IPB400	40	30	1.35	2.4	2.7	198	155	57680	2880	17.1	10820	721	7.4	3231.7	1101.0	3824220.8	8.40	305.35	376.0	1559.1	307.0	1099.2
IPB450	45	30	1.4	2.6	2.7	218	171	79890	3550	19.1	11720	781	7.33	3982.4	1194.6	5267436.8	8.37	387.92	372.4	1498.7	304.1	1063.4
IPB500	50	30	1.45	2.8	2.7	239	187	107200	4290	21.2	12620	842	7.27	4814.6	1288.6	7028835.2	8.33	484.16	369.4	1451.3	301.6	1035.4
IPB550	55	30	1.5	2.9	2.7	254	199	136700	4970	23.2	13080	872	7.17	5590.6	1338.1	8876120.7	8.28	543.13	364.3	1376.1	297.4	991.6
IPB600	60	30	1.55	3	2.7	270	212	171000	5700	25.2	13530	902	7.08	6425.1	1388.0	10989742.5	8.22	607.03	359.7	1314.9	293.7	955.9
IPB650	65	30	1.6	3.1	2.7	286	225	210600	6480	27.1	13980	932	6.99	7319.9	1438.3	13391477.0	8.17	676.10	355.1	1264.6	290.0	926.7
IPB700	70	30	1.7	3.2	2.7	306	241	256900	7340	29	14440	963	6.87	8327.1	1492.0	16108686.4	8.11	759.52	349.0	1223.4	285.0	902.3
IPB800	80	30	1.75	3.3	3	334	262	359100	8980	32.8	14900	994	6.68	10228.7	1548.8	21913765.3	7.98	849.87	339.4	1132.8	277.1	849.5
IPB900	90	30	1.85	3.5	3	371	291	494100	10980	36.5	15820	1050	6.53	12584.1	1654.0	29592298.8	7.89	1032.67	331.8	1088.3	270.9	823.1
IPB1000	100	30	1.9	3.6	3	400	314	644700	12890	40.1	16280	1090	6.38	14855.1	1712.0	37822347.2	7.80	1145.29	324.1	1039.3	264.7	794.1

UPE



NAME	d	bf	tw	tf	r	A	lx	Sx	rx	ly	Sy	ry	ex	x0	xp	Zx	Zy	Cw	rts	J	c	Fy=240 Mpa		Fy=360 Mpa	
	cm	cm	cm	cm	cm	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	cm	cm	cm	cm ³	cm ³	cm ⁶	cm	cm ⁴	cm	Lp	Lr	Lp	Lr
UPE80	8	5	0.4	0.7	1	10.1	107	26.8	3.26	25.4	7.98	1.59	1.96	4.42	1.39	29.9	13.3	1294.2	2.60	1.28	0.51	80.8	518.0	66.0	361.1
UPE100	10	5.5	0.45	0.75	1	12.5	207	41.4	4.07	38.2	10.6	1.75	2.07	4.74	1.33	46.3	18.3	4094.1	3.09	1.81	0.45	88.9	514.4	72.6	370.5
UPE120	12	6	0.5	0.8	1.2	15.4	364	60.6	4.86	55.4	13.8	1.9	2.14	4.98	1.19	67.3	24.3	10690.1	3.56	2.48	0.40	96.5	530.3	78.8	392.5
UPE140	14	6.5	0.5	0.9	1.2	18.4	599	85.6	5.71	78.7	18.2	2.07	2.36	5.48	1.39	95.2	31.8	24304.0	4.02	3.67	0.37	105.2	569.1	85.9	427.1
UPE160	16	7	0.55	0.95	1.2	21.7	911	114	6.48	107	22.6	2.22	2.45	5.76	1.29	127.4	40.2	49007.2	4.48	4.78	0.35	112.8	604.4	92.1	460.1
UPE180	18	7.5	0.55	1.05	1.2	25.1	1353	150	7.34	144	28.6	2.39	2.69	6.27	1.52	168.2	50.4	92847.7	4.94	6.67	0.33	121.4	651.2	99.1	499.1
UPE200	20	8	0.6	1.1	1.3	29	1909	191	8.11	187	34.4	2.54	2.77	6.52	1.41	213.8	61.5	163394.2	5.38	8.38	0.32	129.0	689.6	105.4	533.2
UPE220	22	8.5	0.65	1.2	1.3	33.9	2682	244	8.9	246	42.5	2.7	2.9	6.87	1.44	274.6	76.1	278780.5	5.83	11.59	0.31	137.2	740.8	112.0	574.2
UPE240	24	9	0.7	1.25	1.5	38.5	3599	300	9.67	311	50.1	2.84	2.98	7.1	1.3	336.8	90.3	448714.2	6.28	14.18	0.30	144.3	783.5	117.8	610.9
UPE270	27	9.5	0.75	1.35	1.5	44.8	5255	389	10.8	401	60.7	2.99	3.09	7.44	1.2	439.7	109.8	835568.2	6.86	19.00	0.28	151.9	840.2	124.0	659.1
UPE300	30	10	0.95	1.5	1.5	56.6	7823	522	11.8	538	75.6	3.08	3.01	7.39	0.94	600.6	136.4	1540893.2	7.43	30.22	0.27	156.5	910.8	127.8	714.2
UPE330	33	10.5	1.1	1.6	1.8	67.8	11008	667	12.7	681	89.7	3.17	2.95	7.47	1.03	771.7	161.1	2636359.7	7.97	41.89	0.25	161.1	969.6	131.5	762.3
UPE360	36	11	1.2	1.7	1.8	77.9	14825	824	13.8	844	105	3.29	3	7.62	1.08	960.2	188.5	4248376.6	8.52	54.81	0.24	167.2	1028.8	136.5	810.9
UPE400	40	11.5	1.35	1.8	1.8	91.9	20981	1049	15.1	1045	123	3.37	2.95	7.66	1.15	1237.9	220.0	7479410.8	9.18	74.56	0.23	171.2	1095.9	139.8	866.9

UNP



NAME	d	bf	tw	tf	r	A	lx	Sx	rx	ly	Sy	ry	ex	x0	xp	Zx	Zy	Cw	rts	J	c	Fy=240 Mpa		Fy=360 Mpa	
	cm	cm	cm	cm	cm	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	cm	cm	cm	cm ³	cm ³	cm ⁶	cm	cm ⁴		Lp cm	Lr cm	Lp cm	Lr cm
UNP30x15	3	1.5	0.4	0.45	0.2	2.21	2.53	1.69	1.07	0.38	0.39	0.42	0.67	1.63	0.37	2.2	1.4	3.4	0.82	0.14	0.42	21.3	313.2	17.4	209.7
UNP30	3	3.3	0.5	0.7	0.35	5.44	6.39	4.26	1.08	5.33	2.68	0.99	1.5	3.21	1.36	5.6	4.6	6.3	1.17	0.82	1.06	50.3	1140.2	41.1	760.2
UNP40x20	4	2	0.5	0.55	0.25	3.66	7.58	3.79	1.44	1.14	0.86	0.56	0.82	1.99	0.46	4.8	3.0	19.4	1.11	0.34	0.42	28.5	384.7	23.2	258.0
UNP40	4	3.5	0.5	0.7	0.35	6.21	14.1	7.05	1.5	6.68	3.08	1.04	1.53	3.38	1.28	8.9	5.7	30.1	1.42	0.91	0.78	52.8	811.8	43.1	541.6
UNP50x25	5	2.5	0.5	0.6	0.3	4.92	16.8	6.73	1.85	2.49	1.48	0.71	0.99	2.4	0.49	8.4	4.8	71.6	1.41	0.52	0.41	36.1	396.3	29.5	267.6
UNP50	5	3.8	0.5	0.7	0.35	7.12	26.4	10.6	1.92	9.12	3.75	1.13	1.6	3.6	1.26	13.1	7.2	100.7	1.69	1.02	0.65	57.4	669.5	46.9	447.9
UNP60	6	3	0.6	0.6	0.3	6.46	31.6	10.5	2.21	4.51	2.16	0.84	1.06	2.64	0.54	13.2	7.1	204.4	1.70	0.78	0.40	42.7	421.8	34.8	287.1
UNP65	6.5	4.2	0.55	0.75	0.4	9.03	57.5	17.7	2.52	14.1	5.07	1.25	1.67	3.85	1.19	21.6	10.2	412.3	2.08	1.46	0.53	63.5	600.7	51.9	405.2
UNP80	8	4.5	0.6	0.8	0.4	11	106	26.5	3.1	19.4	6.36	1.33	1.71	4.01	1.06	32.1	13.2	1229.2	2.41	2.00	0.45	67.6	558.9	55.2	382.6
UNP100	10	5	0.6	0.85	0.45	13.5	206	41.2	3.91	29.3	8.49	1.47	1.84	4.35	1.03	49.2	17.9	3960.4	2.88	2.64	0.39	74.7	529.0	61.0	373.5
UNP120	12	5.5	0.7	0.9	0.45	17	364	60.7	4.62	43.2	11.1	1.59	1.87	4.57	0.78	73.2	23.7	10399.4	3.32	3.84	0.36	80.8	546.9	66.0	394.9
UNP140	14	6	0.7	1	0.5	20.4	605	86.4	5.45	62.7	14.8	1.75	2.06	4.99	0.9	103.2	31.4	24017.9	3.77	5.37	0.33	88.9	573.0	72.6	421.8
UNP160	16	6.5	0.75	1.05	0.55	24	925	116	6.21	85.3	18.3	1.89	2.15	5.27	0.79	138.3	39.2	48895.8	4.20	6.97	0.31	96.0	598.4	78.4	448.2
UNP180	18	7	0.8	1.1	0.55	28	1350	150	6.95	114	22.4	2.02	2.24	5.54	0.78	180.1	54.7	91615.8	4.64	8.91	0.30	102.6	634.7	83.8	481.2
UNP200	20	7.5	0.85	1.15	0.6	32.2	1910	191	7.7	148	27	2.14	2.33	5.81	0.81	229.2	51.6	161962.7	5.06	11.23	0.28	108.7	669.7	88.8	512.8
UNP220	22	8	0.9	1.25	0.65	37.4	2690	245	8.48	197	33.6	2.3	2.46	6.15	0.85	293.1	63.9	277400.0	5.49	15.16	0.28	116.9	716.7	95.4	551.1
UNP240	24	8.5	0.95	1.3	0.65	42.3	3600	300	9.22	248	39.6	2.42	2.55	6.41	0.88	359.6	75.5	445508.5	5.92	18.57	0.27	123.0	756.7	100.4	585.6
UNP260	26	9	1	1.4	0.7	48.3	4820	371	9.99	317	47.7	2.56	2.68	6.75	0.93	444.5	91.3	702057.6	6.34	24.20	0.26	130.1	804.2	106.2	623.9
UNP280	28	9.5	1	1.5	0.75	53.3	6280	448	10.9	399	57.2	2.74	2.89	7.16	0.95	533.9	109.6	1065157.4	6.78	29.71	0.26	139.2	850.7	113.7	662.3
UNP300	30	10	1	1.6	0.8	58.8	8030	535	11.7	495	67.8	2.9	3.09	7.63	0.98	634.0	130.2	1565770.2	7.21	36.24	0.25	147.3	896.8	120.3	700.1
UNP320	32	10	1.4	1.75	0.88	75.8	10870	679	12.1	597	80.6	2.81	2.64	6.76	1.18	813.7	136.7	2418819.4	7.48	61.80	0.24	142.8	953.3	116.6	738.4
UNP350	35	10	1.4	1.6	0.8	77.3	12840	734	12.9	570	75	2.72	2.4	6.42	1.1	888.3	128.0	3497087.3	7.80	56.39	0.21	138.2	945.8	112.8	744.3
UNP380	38	10.2	1.35	1.6	0.8	80.4	15760	829	14	615	78.7	2.77	2.42	6.5	1.06	1002.8	135.2	5113017.8	8.22	56.39	0.20	140.7	971.4	114.9	771.1
UNP400	40	11	1.4	1.8	0.9	91.5	20350	1020	14.9	846	102	3.04	2.74	7.24	1.14	1220.1	176.1	7262883.9	8.77	76.06	0.21	154.5	1042.3	126.1	825.6