



STAINLESS STEEL HARDNESS CONVERSION

For Reference Only – www.pmfirfirst.com – 1.877.717.6300

VICKERS DPH	ROCKWELL						BRINELL BHN 3000kg	SCLERO- SCOPE	U.T.S.		
	HV/10	A	C	D	15-N	30-N			45-N	Kpsi	MPa
1865	92	80	87		97	92	87				
1787	92	79	86		96	92	87				
1710	91	78	85		96	91	86				
1633	91	77	84		96	91	85				
1556	90	76	83		96	90	84				
1478	90	75	83		95	89	83				
1400	89	74	82		95	89	82				
1323	89	73	81		95	88	81				
1245	88	72	80		95	87	80				
1160	87	71	80		94	87	79				
1076	87	70	79		94	86	78	101			
1004	86	69	78		94	85	77	99			
940	86	68	77		93	84	75	97			
900	85	67	76		93	84	74	95			
865	85	66	75		93	83	73	92			
832	84	65	75		92	82	72	739	91		
800	84	64	74		92	81	71	722	88		
772	83	63	73		91	80	70	705	87		
746	83	62	72		91	79	69	688	85		
720	82	61	72		91	79	68	670	83		
697	81	60	71		90	78	67	654	81	320	2206
674	81	59	70		90	77	66	634	80	310	2137
653	80	58	69		89	76	64	615	78	300	2068
633	80	57	69		89	75	63	595	76	290	1999
613	79	56	68		88	74	62	577	75	282	1944
595	79	55	67		88	73	61	560	74	274	1889
577	78	54	66		87	72	60	543	72	266	1834
560	78	53	65		87	71	59	523	71	257	1772
544	77	52	65		86	70	57	512	69	245	1689
528	77	51	64		86	69	56	496	68	239	1648
513	76	50	63		86	69	55	481	67	233	1606
498	75	49	62		85	68	54	469	66	227	1565
484	75	48	61		85	67	53	455	64	221	1524
471	74	47	61		84	66	51	443	63	217	1496
458	74	46	60		84	65	50	432	62	212	1462
446	73	45	59		83	64	49	421	60	206	1420
434	73	44	59		83	63	48	409	58	200	1379
423	72	43	58		82	62	47	400	57	196	1351
412	72	42	57		82	61	46	390	56	191	1317
402	71	41	56		81	60	44	381	55	187	1289
392	71	40	55		80	60	43	371	54	182	1255
382	70	39	55		80	59	42	362	52	177	1220
372	70	38	54		79	58	41	353	51	173	1193
363	69	37	53		79	57	40	344	50	169	1165
354	69	36	52		78	56	38	336	49	165	1138
345	68	35	52		78	55	37	327	48	160	1103
336	68	34	51		77	54	36	319	47	156	1076
327	67	33	50		77	53	35	311	46	152	1048
318	67	32	49		76	52	34	301	44	147	1014
310	66	31	48		76	51	33	294	43	144	993
302	66	30	48		75	50	31	286	42	140	965
294	65	29	47		75	50	30	279	41	137	945
286	65	28	46		74	49	29	271	41	133	917
279	64	27	45		73	48	28	264	40	129	889
272	64	26	45		73	47	27	258	39	126	869
266	63	25	44		72	46	26	253	38	124	855
260	63	24	43		72	45	24	247	37	121	834
254	62	23	42		71	44	23	240	36	118	814
248	62	22	42		71	43	22	234	35	115	793
243	61	21	41		70	42	21	228	35	112	772
238	61	20	40		69	42	20	222	34	109	752

NB & EEMUA OD SIZE CHART

Inch	EEMUA OD in MM	ASME OD in MM
0.50	16.0	21.34
0.75	25.0	23.67
1.00	30.0	33.40
1.25	38.0	42.16
1.50	44.5	48.27
2.00	57.0	60.32
2.50	76.1	73.03
3.00	88.9	88.9
4.00	108.0	114.30
6.00	159.0	168.30
8.00	219.1	219.10
10.00	267.0	273.05
12.00	323.9	323.90
14.00	368.0	355.60
16.00	419.1	406.40
18.00	457.2	457.2
20.00	508.0	508.0
24.00	610.0	610.0
28.00	711.0	711.00
32.00	813.0	813.0
36.00	914.0	914.0

MEET PM

PM International Suppliers delivers pipe and fittings, tubing, valves, flanges, and other forms in exotic materials such as Duplex, Super Duplex, 6% Molybdenum, Titanium, Copper Nickel, and Nickel alloys.

We deliver to the offshore petrochemical segment, marine industry, geothermal, chemical manufacturing, desalination, power plants, water treatment facilities, and more. Our customers are worldwide, and we handle everything from one-off emergency deliveries to complex, long-ranging project installations.

EXPERTISE

With 30 years in the industry, our technical expertise and extensive success with difficult project specifications sets us a cut above the rest. This technical expertise assures our customers that their critical projects are in the hands of the best in the industry.

While there are many suppliers in the industry, what sets PM apart is the manner in which it shares its expertise, not only with customers but also manufacturers. We see ourselves as a connector between production and utilization, with the philosophy that shared knowledge is shared success for all parties involved.

LOGISTICS

Identifying partners in logistics is all about leverage, real or predicted. We understand the importance of matching demand with supply and always seek alliance with solid manufacturers and top ranked freight agencies, applying logistics technology to all aspects of our delivery system.

Logistical activities are not allocated to one department in the company; all primary functions in the company – Sales, Procurement, Warehousing and Delivery – come together with a team approach that constantly monitors the pulse of our order fulfillment activities.

PROJECT MANAGEMENT

From initial product assessment to after-sales support, we align our people and priorities for complete and swift process-focused actions. Reliably monitoring all aspects of a project for successful and timely completion, our goal is always to be flexible and responsive to the unforeseen that, unless anticipated and mitigated, can throw off the best of planning.

We are experts in dealing with multiple locations, manufacturers, shippers, and complex delivery schedules. We like to think locally and operate globally, seamlessly and efficiently.



PRODUCTS



MATERIALS

Duplex

UNS S31803 & S32205

Super Duplex

UNS S32750 & S32760

6 Moly

UNS S31254, N08925 & N08926

Titanium

Grades 1, 2, 5, 7, 9, & 12

Copper Nickel Alloys - 90/10, 70/30

*UNS C70600, C70620, C7060X, C71500,
C71520, C71640*

Nickel Alloys

*UNS N02200, N02201, N04400, N06600,
N06601, N06022, N06625, N08825, N10276*

Stainless Steel

*304/S30400, 304L/S30403, 304H/S30409,
316/S31600, 316L/S31603, 316H/S31609,
317/S31700, 317L/S31703, 321/S32100,
321H/S32109, 347/S34700, 347H/S34709*

AISI 4130 UNS G41300

FORMS

Seamless & Welded Pipe

Seamless & Welded Tube

Valves

Flanges

Seamless & Welded Butt-weld Fittings

Plate/Sheet

Round Bar

Specialty Forgings

Wire

Grease/Lubricants

VALVES

Ball Valves, Check Valves, Gate Valves, Globe Valves, Plug Valves, Butterfly Valves, Double Block & Bleed Valves, Instrumentation Valves, and more!

Specializing in Complicated Specifications

STANDARDS

ANSI, API, ASME, ASTM, MSS, NACE, NOR-SOK, PED, EEMUA, Achilles



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