

v →	V4		V5		V6		V7		V8		V9		V10		V12		V14		V16		← v	Mild Steel
b →	(2,9)		(3,6)		(4,3)		(5)		(5,7)		(6,4)		(7,1)		(8,5)		(10)		(11,4)		← b	
ir →	0.7		0.8		1		1.2		1.3		1.5		1.7		2		2.3		2.7		← ir	
t	BD/2	K	BD/2	K	t																	
0.2																					0.2	
0.3	0.345	0.4466	0.390	0.3467	0.418	0.4100															0.3	
0.4	0.420	0.4145	0.445	0.4032	0.488	0.4030	0.539	0.3773	0.557	0.3883											0.4	
0.5	0.465	0.4717	0.525	0.3735	0.545	0.4319	0.590	0.4266	0.630	0.3794	0.688	0.3410	0.696	0.4299							0.5	
0.6	0.531	0.4652	0.570	0.4280	0.630	0.3917	0.650	0.4404	0.690	0.4010	0.732	0.4030	0.779	0.3943	0.835	0.4121					0.6	
0.7	0.592	0.4697	0.633	0.4341	0.676	0.4340	0.735	0.4047	0.755	0.4074	0.790	0.4218	0.834	0.4198	0.929	0.3642					0.7	
0.8	0.656	0.4683	0.694	0.4419	0.732	0.4498	0.781	0.4401	0.840	0.3804	0.860	0.4168	0.890	0.4374	0.976	0.4030	1.078	0.3431	1.114	0.4224	0.8	
1			0.819	0.4490	0.856	0.4566	0.900	0.4552	0.930	0.4443	0.991	0.4213	1.050	0.4008	1.090	0.4319	1.180	0.3993	1.260	0.4067	1	
1.2			0.935	0.4633	0.983	0.4579	1.020	0.4642	1.063	0.4414	1.098	0.4498	1.141	0.4497	1.260	0.3917	1.300	0.4176	1.380	0.4238	1.2	
1.5							1.208	0.4664	1.248	0.4507	1.283	0.4574	1.328	0.4557	1.395	0.4534	1.516	0.4054	1.595	0.4112	1.5	
2											1.595	0.4628	1.639	0.4621	1.711	0.4572	1.799	0.4422	1.859	0.4586	2	
2.5															2.028	0.4590	2.105	0.4526	2.185	0.4555	2.5	
3															2.416	0.4573	2.497	0.4594	2.497	0.4594	3	
3.5																	2.803	0.4643	2.803	0.4643	3.5	

v →	V18		V20		V22		V25		V32		V35		V40		V50		V63		V80		V100		← v	
b →	(12,8)		(14,2)		(15,8)		(17,7)		(23)		(24)		(29)		(36)		(45)		(57)		(71)		← b	
ir →	3		3.3		3.6		4		5		5.8		6.7		8		10		13		16		← ir	
t	BD/2	K	t																					
1	1.376	0.3410	1.392	0.4026																			1	
1.2	1.465	0.4019	1.559	0.3705	1.655	0.3369																	1.2	
1.5	1.635	0.4319	1.725	0.4101	1.811	0.3918	1.948	0.3484															1.5	
2	1.982	0.4213	2.100	0.3872	2.140	0.4027	2.225	0.4032	2.520	0.3521	2.695	0.3499	2.785	0.4156									2	
2.5	2.264	0.4481	2.324	0.4503	2.448	0.4199	2.624	0.3740	2.815	0.3861	2.950	0.4047	3.150	0.4012	3.481	0.3747							2.5	
3	2.567	0.4570	2.656	0.4466	2.729	0.4429	2.852	0.4271	3.189	0.3752	3.249	0.4226	3.451	0.4188	3.897	0.3479							3	
3.5	2.888	0.4568	2.961	0.4537	3.041	0.4480	3.164	0.4345	3.499	0.3907	3.674	0.3895	3.774	0.4234	4.171	0.3804	4.817	0.3016					3.5	
4	3.190	0.4628	3.278	0.4552	3.353	0.4519	3.469	0.4423	3.719	0.4310	3.905	0.4264	4.199	0.3943	4.450	0.4032	5.001	0.3645	5.569	0.3886			4	
5					3.962	0.4611	4.097	0.4485	4.369	0.4339	4.498	0.4448	4.649	0.4555	5.249	0.3738	5.585	0.3975	6.301	0.3791	6.962	0.3747	5	
6						4.677	0.4629	4.994	0.4412	5.100	0.4551	5.313	0.4509	5.704	0.4271	6.359	0.3792	6.901	0.4008	7.794	0.3479	6		
8											6.329	0.4640	6.555	0.4588	6.937	0.4424	7.408	0.4358	8.398	0.3807	8.900	0.4032	8	
10																8.194	0.4485	8.694	0.4395	9.297	0.4447	10.498	0.3738	10
12																9.354	0.4629	9.950	0.4452	10.626	0.4418	11.408	0.4271	12