

Normal Shock properties (2)

| M | $\frac{p_2}{p_1}$ | $\frac{\rho_2}{\rho_1}$ | $\frac{T_2}{T_1}$ | $\frac{p_{02}}{p_{01}}$ | $\frac{p_{02}}{p_1}$ | M ₂ |
|-----------|-------------------|-------------------------|-------------------|-------------------------|----------------------|----------------|
| 0.4500+01 | 0.2346+02 | 0.4812+01 | 0.4875+01 | 0.9170-01 | 0.2654+02 | 0.4236+00 |
| 0.4550+01 | 0.2399+02 | 0.4833+01 | 0.4963+01 | 0.8806-01 | 0.2712+02 | 0.4226+00 |
| 0.4600+01 | 0.2452+02 | 0.4853+01 | 0.5052+01 | 0.8459-01 | 0.2771+02 | 0.4217+00 |
| 0.4650+01 | 0.2506+02 | 0.4873+01 | 0.5142+01 | 0.8126-01 | 0.2831+02 | 0.4208+00 |
| 0.4700+01 | 0.2560+02 | 0.4893+01 | 0.5233+01 | 0.7809-01 | 0.2891+02 | 0.4199+00 |
| 0.4750+01 | 0.2616+02 | 0.4912+01 | 0.5325+01 | 0.7505-01 | 0.2952+02 | 0.4191+00 |
| 0.4800+01 | 0.2671+02 | 0.4930+01 | 0.5418+01 | 0.7214-01 | 0.3013+02 | 0.4183+00 |
| 0.4850+01 | 0.2728+02 | 0.4948+01 | 0.5512+01 | 0.6936-01 | 0.3075+02 | 0.4175+00 |
| 0.4900+01 | 0.2784+02 | 0.4966+01 | 0.5607+01 | 0.6670-01 | 0.3138+02 | 0.4167+00 |
| 0.4950+01 | 0.2842+02 | 0.4983+01 | 0.5703+01 | 0.6415-01 | 0.3201+02 | 0.4160+00 |
| 0.5000+01 | 0.2900+02 | 0.5000+01 | 0.5800+01 | 0.6172-01 | 0.3265+02 | 0.4152+00 |
| 0.5100+01 | 0.3018+02 | 0.5033+01 | 0.5997+01 | 0.5715-01 | 0.3395+02 | 0.4138+00 |
| 0.5200+01 | 0.3138+02 | 0.5064+01 | 0.6197+01 | 0.5297-01 | 0.3528+02 | 0.4125+00 |
| 0.5300+01 | 0.3260+02 | 0.5093+01 | 0.6401+01 | 0.4913-01 | 0.3663+02 | 0.4113+00 |
| 0.5400+01 | 0.3385+02 | 0.5122+01 | 0.6610+01 | 0.4560-01 | 0.3801+02 | 0.4101+00 |
| 0.5500+01 | 0.3512+02 | 0.5149+01 | 0.6822+01 | 0.4236-01 | 0.3941+02 | 0.4090+00 |
| 0.5600+01 | 0.3642+02 | 0.5175+01 | 0.7038+01 | 0.3938-01 | 0.4084+02 | 0.4079+00 |
| 0.5700+01 | 0.3774+02 | 0.5200+01 | 0.7258+01 | 0.3664-01 | 0.4230+02 | 0.4069+00 |
| 0.5800+01 | 0.3908+02 | 0.5224+01 | 0.7481+01 | 0.3412-01 | 0.4378+02 | 0.4059+00 |
| 0.5900+01 | 0.4044+02 | 0.5246+01 | 0.7709+01 | 0.3180-01 | 0.4528+02 | 0.4050+00 |
| 0.6000+01 | 0.4183+02 | 0.5268+01 | 0.7941+01 | 0.2965-01 | 0.4682+02 | 0.4042+00 |
| 0.6100+01 | 0.4324+02 | 0.5289+01 | 0.8176+01 | 0.2767-01 | 0.4837+02 | 0.4033+00 |
| 0.6200+01 | 0.4468+02 | 0.5309+01 | 0.8415+01 | 0.2584-01 | 0.4996+02 | 0.4025+00 |
| 0.6300+01 | 0.4614+02 | 0.5329+01 | 0.8658+01 | 0.2416-01 | 0.5157+02 | 0.4018+00 |
| 0.6400+01 | 0.4762+02 | 0.5347+01 | 0.8905+01 | 0.2259-01 | 0.5320+02 | 0.4011+00 |
| 0.6500+01 | 0.4912+02 | 0.5365+01 | 0.9156+01 | 0.2115-01 | 0.5486+02 | 0.4004+00 |
| 0.6600+01 | 0.5065+02 | 0.5382+01 | 0.9411+01 | 0.1981-01 | 0.5655+02 | 0.3997+00 |
| 0.6700+01 | 0.5220+02 | 0.5399+01 | 0.9670+01 | 0.1857-01 | 0.5826+02 | 0.3991+00 |
| 0.6800+01 | 0.5378+02 | 0.5415+01 | 0.9933+01 | 0.1741-01 | 0.6000+02 | 0.3985+00 |
| 0.6900+01 | 0.5538+02 | 0.5430+01 | 0.1020+02 | 0.1635-01 | 0.6176+02 | 0.3979+00 |
| 0.7000+01 | 0.5700+02 | 0.5444+01 | 0.1047+02 | 0.1535-01 | 0.6355+02 | 0.3974+00 |
| 0.7100+01 | 0.5864+02 | 0.5459+01 | 0.1074+02 | 0.1443-01 | 0.6537+02 | 0.3968+00 |
| 0.7200+01 | 0.6031+02 | 0.5472+01 | 0.1102+02 | 0.1357-01 | 0.6721+02 | 0.3963+00 |
| 0.7300+01 | 0.6200+02 | 0.5485+01 | 0.1130+02 | 0.1277-01 | 0.6908+02 | 0.3958+00 |
| 0.7400+01 | 0.6372+02 | 0.5498+01 | 0.1159+02 | 0.1202-01 | 0.7097+02 | 0.3954+00 |
| 0.7500+01 | 0.6546+02 | 0.5510+01 | 0.1188+02 | 0.1133-01 | 0.7289+02 | 0.3949+00 |
| 0.7600+01 | 0.6722+02 | 0.5522+01 | 0.1217+02 | 0.1068-01 | 0.7483+02 | 0.3945+00 |
| 0.7700+01 | 0.6900+02 | 0.5533+01 | 0.1247+02 | 0.1008-01 | 0.7680+02 | 0.3941+00 |
| 0.7800+01 | 0.7081+02 | 0.5544+01 | 0.1277+02 | 0.9510-02 | 0.7880+02 | 0.3937+00 |
| 0.7900+01 | 0.7264+02 | 0.5555+01 | 0.1308+02 | 0.8982-02 | 0.8082+02 | 0.3933+00 |
| 0.8000+01 | 0.7450+02 | 0.5565+01 | 0.1339+02 | 0.8488-02 | 0.8287+02 | 0.3929+00 |
| 0.9000+01 | 0.9433+02 | 0.5651+01 | 0.1669+02 | 0.4964-02 | 0.1048+03 | 0.3898+00 |
| 0.1000+02 | 0.1165+03 | 0.5714+01 | 0.2039+02 | 0.3045-02 | 0.1292+03 | 0.3876+00 |
| 0.1100+02 | 0.1410+03 | 0.5762+01 | 0.2447+02 | 0.1945-02 | 0.1563+03 | 0.3859+00 |
| 0.1200+02 | 0.1678+03 | 0.5799+01 | 0.2894+02 | 0.1287-02 | 0.1859+03 | 0.3847+00 |
| 0.1300+02 | 0.1970+03 | 0.5828+01 | 0.3380+02 | 0.8771-03 | 0.2181+03 | 0.3837+00 |
| 0.1400+02 | 0.2285+03 | 0.5851+01 | 0.3905+02 | 0.6138-03 | 0.2528+03 | 0.3829+00 |
| 0.1500+02 | 0.2623+03 | 0.5870+01 | 0.4469+02 | 0.4395-03 | 0.2902+03 | 0.3823+00 |
| 0.1600+02 | 0.2985+03 | 0.5885+01 | 0.5072+02 | 0.3212-03 | 0.3301+03 | 0.3817+00 |
| 0.1700+02 | 0.3370+03 | 0.5898+01 | 0.5714+02 | 0.2390-03 | 0.3726+03 | 0.3813+00 |

| M | $\frac{p_2}{p_1}$ | $\frac{\rho_2}{\rho_1}$ | $\frac{T_2}{T_1}$ | $\frac{p_{02}}{p_{01}}$ | $\frac{p_{02}}{p_1}$ | M ₂ |
|-----------|-------------------|-------------------------|-------------------|-------------------------|----------------------|----------------|
| 0.1800+02 | 0.3778+03 | 0.5909+01 | 0.6394+02 | 0.1807-03 | 0.4176+03 | 0.3810+00 |
| 0.1900+02 | 0.4210+03 | 0.5918+01 | 0.7114+02 | 0.1386-03 | 0.4653+03 | 0.3806+00 |
| 0.2000+02 | 0.4665+03 | 0.5926+01 | 0.7872+02 | 0.1078-03 | 0.5155+03 | 0.3804+00 |
| 0.2200+02 | 0.5645+03 | 0.5939+01 | 0.9506+02 | 0.6741-04 | 0.6236+03 | 0.3800+00 |
| 0.2400+02 | 0.6718+03 | 0.5948+01 | 0.1129+03 | 0.4388-04 | 0.7421+03 | 0.3796+00 |
| 0.2600+02 | 0.7885+03 | 0.5956+01 | 0.1324+03 | 0.2953-04 | 0.8709+03 | 0.3794+00 |
| 0.2800+02 | 0.9145+03 | 0.5962+01 | 0.1534+03 | 0.2046-04 | 0.1010+04 | 0.3792+00 |
| 0.3000+02 | 0.1050+04 | 0.5967+01 | 0.1759+03 | 0.1453-04 | 0.1159+04 | 0.3790+00 |
| 0.3200+02 | 0.1194+04 | 0.5971+01 | 0.2001+03 | 0.1055-04 | 0.1319+04 | 0.3789+00 |
| 0.3400+02 | 0.1348+04 | 0.5974+01 | 0.2257+03 | 0.7804-05 | 0.1489+04 | 0.3788+00 |
| 0.3600+02 | 0.1512+04 | 0.5977+01 | 0.2529+03 | 0.5874-05 | 0.1669+04 | 0.3787+00 |
| 0.3800+02 | 0.1684+04 | 0.5979+01 | 0.2817+03 | 0.4488-05 | 0.1860+04 | 0.3786+00 |
| 0.4000+02 | 0.1866+04 | 0.5981+01 | 0.3121+03 | 0.3477-05 | 0.2061+04 | 0.3786+00 |
| 0.4200+02 | 0.2058+04 | 0.5983+01 | 0.3439+03 | 0.2727-05 | 0.2272+04 | 0.3785+00 |
| 0.4400+02 | 0.2258+04 | 0.5985+01 | 0.3774+03 | 0.2163-05 | 0.2493+04 | 0.3785+00 |
| 0.4600+02 | 0.2468+04 | 0.5986+01 | 0.4124+03 | 0.1733-05 | 0.2725+04 | 0.3784+00 |
| 0.4800+02 | 0.2688+04 | 0.5987+01 | 0.4489+03 | 0.1402-05 | 0.2967+04 | 0.3784+00 |
| 0.5000+02 | 0.2916+04 | 0.5988+01 | 0.4871+03 | 0.1144-05 | 0.3219+04 | 0.3784+00 |