### Metric Mechanic S14 Engine Series

**2200 Sport, 2300 Rally, 2400 Rally**

* M3 (E30) '88-'91

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| 2400 Sport | 2380 cc       | 210 | Stock 26mm Port | Intake 240°/10 mm Lift
Exhaust 240°/10 mm Lift | 95mm Forged Alusil 395 grams | 22mm 89 grams | 10.5:1 | I Beam Rod 144mm long 675 grams | 84mm Forged |
| 2500 Rally | 2465 cc       | 255 | 'ST 26% Flow Increase
31 mm Port | Intake 260°/11.3 mm Lift
Exhaust 240°/10 mm Lift | 95mm Forged Alusil 395 grams | 22mm 89 grams | 11.5:1 | H Beam 143mm long 505 grams | 87mm Forged |
| 2500 Race | 2465 cc       | 285 | 'ST 26% Flow Increase
31mm Port | Intake 290°/11.7 mm Lift
Exhaust 260°/11.3 mm Lift | 95mm Forged Alusil 360 grams | 23.5mm 100 grams | 13.5:1 | H Beam 147.5mm long 565 grams | 87mm Forged |
| 2500 Forced Induction | 2414 CC | 12 lbs 375 | 'ST 26% Flow Increase
31mm Port | Intake 260°/11.3 mm Lift
Exhaust 240°/10 mm Lift | 94mm Forged Alusil Ceramic Coated Crown 400 grams | 23.5mm 110 grams | 8.6 | H Beam 144.7mm long 565 grams | 87mm Forged |

* ST means Surface Turbulence: Metric Mechanic Patented Machined Grooves on backside of the Intake Valves, Head of Intake and Exhaust Valves for the purpose of increasing fuel efficiency, minimizes tuning problems, reduces detonation in the motor, allows higher compression, and alleviates head cracking problems.