



Specialised Fastener Distributor
UPL Group (PTY) Ltd.

NEWSLETTER – MAY 2012

It has recently come to our attention that our YFS branded Socket Head Cap Screws from Taiwan are competing with a much lower grade product from China.

Please be aware of the chemical properties and the manufacturing process of the products you buy, as this makes all the difference when it comes to decarburization. These products are NOT a true Grade 12.9, and they contain NO Mo (Molybdenum). Mo is also the chemical element that distinguishes stainless steel A2 (304) from stainless steel A4 (316), as molybdenum markedly improves the pitting and crevice corrosion resistance of nickel-base alloys.

Please note that YFS uses only the highest quality raw materials, ensuring that their quality remains unrivalled!

| Origin | Material Chemical Composite | | | | | | | | Production | |
|-------------------------|-----------------------------|---------------|---------------|---------------|----------|----------|---------------|---------------|-------------------------|--------------------|
| | Material | C | Si | Mn | P | S | Cr | Mo | Equipment | Material |
| Taiwan (China Steel) | SCr440 | 0.38~ 0.45 | 0.15~ 0.35 | 0.60~ 0.85 | 0.03 max | 0.03 max | 0.90~ 1.20 | - | Blast Furnace | Iron ore & Coal |
| China | 40Cr | 0.37~ 0.44 | 0.17~ 0.37 | 0.50~ 0.80 | ≤ 0.035 | ≤ 0.035 | 0.80~ 1.10 | - | Electric ARC Furnace | Scrap Metal |
| YFS | SCM435 | 0.33~ 0.38 | 0.15~ 0.35 | 0.60~ 0.85 | 0.03 max | 0.03 max | 0.90~ 1.20 | 0.15~ 0.30 | Blast Furnace | Iron ore & Coal |
| YFS | SCM440 | 0.38~ 0.43 | 0.15~ 0.35 | 0.60~ 0.85 | 0.03 max | 0.03 max | 0.90~ 1.20 | 0.15~ 0.30 | Blast Furnace | Iron ore & Coal |

All our suppliers are reputable and ISO certified!

We have been working hard at our stock levels and trust that this marked improvement has been evident. So, hopefully all the relevant boxes can now be checked:-

- Stock Availability** (better than ever before)
- Quality** (you are safer with us- our quality is unmatched)
- Service** (you get your fasteners faster with us)
- Price** (the new pricelist can now be viewed on www.upl.co.za)

Please kindly contact us if you are unsatisfied in any way and we will make it our aim to please YOU!

THOUGHT FOR THE DAY:

They who have the opinion that money will do everything, may very well be suspected of doing everything for money.

With your quality concerns at heart,
UPL Group (PTY) Ltd.
 A fully South African owned company
 83 years of experience

83 years
 in Africa