

# ARCHITECTURAL STAINLESS

The Swimming Pool Specialists

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## STAINLESS STEEL GRABRAILS

TYPE 316 STAINLESS STEEL - COMMONLY USED IN SALT WATER POOLS

The **Architectural Stainless**, easy to install **stainless steel grabrail system** has been perfected over many years on the basis of 3m lengths of the popular 1¼ inch diameter stainless steel bright polished tube. Our specially designed hand-made satin polished stainless steel brackets come in two basic designs one for building into the structure and the other for face fixing and closed ends are available on both.



### Grabrail Products Guide

1. 3 metre lengths of 1¼ inch diameter bright polished stainless steel handrail.
2. 1¼ inch diameter build in stainless steel handrail bracket.
3. 1¼ inch diameter build in stainless steel handrail bracket closed end.
4. 1¼ inch diameter flanged face fixing stainless steel handrail bracket.
5. 1¼ inch diameter flanged face fixing stainless steel handrail bracket closed end.
6. Number 12 stainless steel screws and rawplugs in sets of two.
7. M8 x 50 stainless steel bolt fixing with nylon expansion sleeve in sets of two.
8. 1¼ inch grabrail joining spigot piece in plastic.
9. 1¼ inch stainless steel grabrail with bright polished cap invisibly welded to one end.
10. Stainless steel claw hook for attaching grabrail to lane ropes etc.
11. All of the above are available in type 316 stainless steel commonly used in salt water pools.

Many special options are available on request, i.e. 6 metre lengths of grabrail in lieu of 3 metre, additional fixing holes, cover plates for flanges, alternative design grabrail brackets with square or rectangular back plates, bright polished brackets, bracket stems bent at ninety degrees or even welded directly to the handrail. The variations are endless and can all be manufactured in-house by us.

When our grabrail system is used as an instruction rail for the purpose of assisting non or learner swimmers, the handrail should be positioned on the face of the pool wall and at water level. The brackets are then positioned at a maximum of 1200mm centres and drilled twice using M8 or number 12 stainless steel fixings and closed end brackets should be used at the extremities to prevent lateral movement. When M8 expansion sleeve fixings are used an M16 diameter hole is required and we recommend that this is drilled using smaller bits first to avoid unsightly holes behind the flange.

