



G GRIPPLE

CASE STUDY

DoubleTree by Hilton
Hull, UK





TIME SAVINGS
324 HOURS

WORKING WEEKS SAVED*
8 WEEKS

LABOUR SAVED
£6,480

The DoubleTree by Hilton Hull was built to fulfil the East Yorkshire city's shortage of premium hotels. The 165-room hotel features a branded destination restaurant and bar, and a 1,000 sqm pillar less ballroom. The contractors opted to use Grippple [Universal Brackets](#), [QT Universal Clamps](#) and [QT Compact Clamps](#) on this project.

Project Summary	
Building type	Hotel
Contractor	Airco
Building structure	Concrete
Services	Mechanical

Featured Products	
Universal Bracket QT Universal Clamp 	QT Compact Clamp 



“On site we faced an unexpected issue, by using Grippple solutions we were able to quickly resolve this issue and get back on schedule. We are continuing to use Grippple pipework solutions on other projects.”

- Site Supervisor, Airco -

..... COST SAVING SUMMARY

	Grippple solution	Traditional method
Overview	Universal Brackets, QT Compact Clamps & QT Universal Clamps	Channel, pipe clamps & channel nuts
Material cost	£6,790	£2,974
Installation time	98 hours	422 hours
Labour rate (per hour)	£20	£20
Total labour cost	£1,960	£8,440
Total cost	£8,750	£11,414



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PROJECT DETAILS

Contractors Airco were appointed to carry out the mechanical works for the hotel. They opted to use Grippple products in order to resolve various site issues quickly and efficiently. A new Mitsubishi hybrid air-conditioning system was installed on this project which required up to 34 pipes to be fitted into a 250 mm void. Grippple supplied a bespoke Universal Bracket which had been made to fit the 250 mm void and a combination of QT Universal Clamps and QT Compact Clamps were also used to support the pipes. By using Grippple products on this project, the contractor was able to make considerable time and cost savings.

The clamps were used by the contractor to install all pipework efficiently. Grippple QT Universal Clamps and QT Compact Clamps all include a quarter turn attachment which is used to connect a clamp to the Universal Bracket in a simple and effective way. The clamps arrived to site in kits with the Grippple Universal

Bracket. The clamps are up to ten times faster than traditional methods due to the integral mounting pillar. They are robust and have retractable sleeves which are pre fitted to the wire rope to prevent galvanic erosion.

Grippple Universal Brackets are designed to be used with Grippple clamps and hangers to simplify the suspension of building services. Grippple brackets arrive to site pre-cut which eliminates cutting any channel on site which improves health and safety as no tools or "hot works" permits are required. The multi-use bracket has two active faces allowing for suspension of multiple services. In this case piping was suspended on both faces. The brackets have a 150 kg load rating in sizes ranging from 240 mm to 1540 mm.

By using Grippple, Airco were able to complete the works four times faster than traditional installation methods.



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