



Acenta Steel Distribution Manchester
 Stone Hill Road
 Farnworth
 Bolton
 BL4 7NN
 Sell To

FLOW TECHNOLOGY LIMITED
 HALF HOUSE LANE
 HOVE EDGE
 BRIGHOUSE
 WEST YORKSHIRE HD6 2PH

Certificate No. 14-0132138
 Phone No. 01204 576321
 Fax No. 01204 574511
 VAT Reg. No. GB100154388
 e-mail

Deliver To
 FLOW TECHNOLOGY LIMITED
 HALF HOUSE LANE
 HOVE EDGE
 BRIGHOUSE
 WEST YORKSHIRE HD6 2PH

Inspection Certificate In Accordance With BS EN10204 3.1

| Customer Order Ref. | Order Date | Acenta Order Ref. | Orig. Cert. No. | Delivery Date | Delivery Note No. |
|---------------------|------------|-------------------|-----------------|---------------|-------------------|
| 0101057/DB | 08/10/14 | SO-14-061853 | 217 | 10/10/14 | D-1410-03876 |

Customer Part No.

| Lot No. | Cast No. | Description | Packaging | Delivered Quantity | Delivered Weight |
|---------------|----------|------------------------------|-----------|--------------------|------------------|
| B3144622-001, | J4852U | 32 mm Hexagon Bright Bar | | 18 LENGTH | 0.398 TONNE |
| | | USACUT55 T Acenta TRADE NAME | Total | 18 | 0.398 |
| | | H & T to T Condition | | | |
| | | White/Magenta | | | |

FLOW TECHNOLOGY LTD
 TEST CERTIFICATE
 VERIFIED TRUE
 COPY OF ORIGINAL

Chemical Analysis

| C | Si | Mn | P | S | Ni | Cr | Mo | Cu | Sn |
|------|------|------|-------|------|------|------|------|------|------|
| 0.39 | 0.06 | 1.67 | 0.015 | 0.27 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 |
| Al | N | B | Ca | Pb | V | Nb | Ti | W | Zn |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

Mechanical Tests

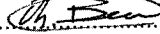
| Tensile N/mm2 | Yield N/mm2 | Proof Stress Rp N/mm2 (Pa) | Elongation % | Reduction Of Area % | Izod Joules 1 | Brinell Hardness 1 | Grain Size McQuaid-EHN |
|---------------|-------------|-------------------------------|--------------|---------------------|---------------|--------------------|---------------------------|
| 892 | 843 | | 12 | 0 | 47 / / | 262 | |

Jominy Hardenability

| Distance: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 1/16" | | | | | | | | | | | | | | | | | | | | | | | | | |
| HRC | | | | | | | | | | | | | | | | | | | | | | | | | |
| Min | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max | | | | | | | | | | | | | | | | | | | | | | | | | |

Unless otherwise stated, material detailed above has been manufactured, tested and inspected in accordance with the agreed procedure to comply with the requirements of specification and order.

The original test report contains this blue mark. Any recipient of a copy should ensure from the supplier that it is a true and accurate copy of the original.

Approved:  (For Quality Manager)

Acenta is a business name of Acenta Steel Ltd. Registered in England. Registered No. 3725308
 Registered office: Planetary Road, Willenhall, West Midlands, WV13 3SW

F11253 - 3/4" x 1/2" BSPP Cone Seat Male x Male Adaptor 10K Steel EN16T