United States - External Fees

External fees are passed through at cost.

BondDesk Fees

| Description | Add Liquidity ¹ | Remove Liquidity ² |
|----------------------------|----------------------------|-------------------------------|
| Agencies | | |
| < 12 months to maturity | USD 0.10 per bond | USD 5 per trade |
| 12 - 24 months to maturity | USD 0.25 per bond | USD 5 per trade |
| > 24 months to maturity | USD 0.50 per bond | USD 5 per trade |
| Treasuries | | |
| < 12 months to maturity | USD 0.10 per bond | USD 5 per trade |
| 12 - 24 months to maturity | USD 0.15 per bond | USD 5 per trade |
| > 24 months to maturity | USD 0.25 per bond | USD 5 per trade |
| T-bills | USD 2.50 per trade | USD 5 per trade |
| Corporate 0-99 bonds | | |
| < 6 months to maturity | USD 0.25 per bond | USD 5 per trade |
| 7 - 12 months to maturity | USD 0.50 per bond | USD 5 per trade |
| 13 - 24 months to maturity | USD 0.75 per bond | USD 5 per trade |

| Description | Add Liquidity ¹ | Remove Liquidity ² |
|----------------------------|----------------------------|-------------------------------|
| > 24 months to maturity | USD 1.00 per bond | USD 5 per trade |
| Corporate 100-249 bonds | | |
| < 6 months to maturity | USD 0.19 per bond | USD 5 per trade |
| 7 - 12 months to maturity | USD 0.38 per bond | USD 5 per trade |
| 13 - 24 months to maturity | USD 0.56 per bond | USD 5 per trade |
| > 24 months to maturity | USD 0.75 per bond | USD 5 per trade |
| Corporate 250 + bonds | | |
| < 6 months to maturity | USD 0.13 per bond | USD 5 per trade |
| 7 - 12 months to maturity | USD 0.25 per bond | USD 5 per trade |
| 13 - 24 months to maturity | USD 0.38 per bond | USD 5 per trade |
| > 24 months to maturity | USD 0.50 per bond | USD 5 per trade |

Notes:

- Adding an order to an exchange or ECN's order book before being executed.
 Orders that are immediately executed against an existing bid or offer on an exchange's or ECN's order book.

IBKRATS Bond Fees

| Description | Add Liquidity¹ | Remove Liquidity ² |
|-------------|----------------|-------------------------------|
| Bonds | USD 0.00 | USD 0.00 |

Notes:

- 1. Adding an order to an exchange or ECN's order book before being executed.
- 2. Orders that are immediately executed against an existing bid or offer on an exchange's or ECN's order book.

MuniCenter Fee

Fees are assessed only to the seller on municipal bonds. Fees are assessed to both buyer and seller for corporate and government bonds.

| Description | Fee | |
|-------------------------------------|--------------------|--|
| Corporate – Maturities Up to 1 Year | | |
| 1 to 10 bonds | USD 7.00 per trade | |
| 11 to 19 bonds | USD 9.00 per trade | |
| 20 to 49 bonds | USD 0.50 per bond | |
| 50 to 99 bonds | USD 0.30 per bond | |
| 100 to 249 bonds | USD 0.25 per bond | |
| 250 to 499 bonds | USD 0.20 per bond | |
| 500 + bonds | USD 0.20 per bond | |
| Corporate – Maturities Over 1 Year | | |
| 1 to 10 bonds | USD 7.00 per trade | |
| 11 to 19 bonds | USD 9.00 per trade | |
| 20 to 49 bonds | USD 0.50 per bond | |
| 50 to 99 bonds | USD 0.50 per bond | |
| 100 to 249 bonds | USD 0.40 per bond | |
| 250 to 499 bonds | USD 0.40 per bond | |

| Description | Fee |
|-------------------------------|-------------------------------|
| 500 + bonds | USD 0.40 per bond, max 200.00 |
| Government Agencies | |
| 1 to 10 bonds | LICD 10 00 markeds |
| T to To bonds | USD 10.00 per trade |
| 11 to 19 bonds | USD 15.00 per trade |
| 20 to 49 bonds | USD 20.00 per trade |
| 50 to 99 bonds | USD 25.00 per trade |
| 100 to 249 bonds | USD 35.00 per trade |
| 250 to 499 bonds | USD 50.00 per trade |
| 500 + bonds | USD 75.00 per trade |
| Treasuries | |
| 1 to 249 bonds | USD 12.00 per trade |
| 250 + bonds | USD 20.00 per trade |
| Muni =< 18 months to maturity | |
| < 5,000 Value | USD 10.00 per bond |
| 5,000 to 9,999 | USD 5.00 per bond |
| 10,000 to 19,999 | USD 2.50 per bond |
| 20,000 to 49,999 | USD 1.00 per bond |

| Description | Fee | |
|----------------------------------|--------------------|--|
| 50,000 to 99,999 | USD 1.00 per bond | |
| 100,000 to 249,999 | USD 0.25 per bond | |
| 250,000 to 2,999,999 | USD 0.10 per bond | |
| > 3,000,000 | USD 0.10 per bond | |
| Muni 19 to 61 months to maturity | | |
| < 5,000 Value | USD 10.00 per bond | |
| 5,000 to 9,999 | USD 5.00 per bond | |
| 10,000 to 19,999 | USD 2.50 per bond | |
| 20,000 to 49,999 | USD 1.25 per bond | |
| 50,000 to 99,999 | USD 1.00 per bond | |
| 100,000 to 249,999 | USD 0.50 per bond | |
| 250,000 to 2,999,999 | USD 0.50 per bond | |
| > 3,000,000 | USD 0.25 per bond | |
| Muni > 61 months to maturity | | |
| < 5,000 Value | USD 10.00 per bond | |
| 5,000 to 9,999 | USD 5.00 per bond | |
| 10,000 to 19,999 | USD 2.50 per bond | |

| Description | Fee |
|----------------------|-------------------|
| 20,000 to 49,999 | USD 2.50 per bond |
| 50,000 to 99,999 | USD 1.25 per bond |
| 100,000 to 249,999 | USD 0.60 per bond |
| 250,000 to 2,999,999 | USD 0.60 per bond |
| > 3,000,000 | USD 0.25 per bond |

NYSE Bond Fees

| Description | Add Liquidity¹ | Remove Liquidity ² |
|----------------|----------------|-------------------------------|
| 1 to 10 bonds | 0 | USD 0.50 per bond |
| 11 to 25 bonds | 0 | USD 0.20 per bond |
| > 25 bonds | 0 | USD 0.10 per bond |

Notes:

^{1.} Adding an order to an exchange or ECN's order book before being executed.

^{2.} Orders that are immediately executed against an existing bid or offer on an exchange's or ECN's order book.