



Prinstant Order API Documentation

Welcome to the Prinstant API documentation. Contained within are data definitions and endpoint specs required to successfully integrate with the Tectonics printing and fabrication API system.

API BASICS

All data exchange with the API shall be done via secure REST POSTS in JSON format. All non-secure (http) POSTs will immediately be rejected, only secure (https) POSTs will be processed. All POSTs must use **text/json** or **application/json** Content-Type with **UTF-8** encoding.

API KEYS

An HTTP Header containing a Prinstant defined customer key must be present on all POSTs, this api key is unique to your organization and identifies you to the API.

You will be provided with an api key by your Prinstant contact.

SAMPLE HTTP REQUEST

POST <https://apiqa.prinstant.com/orders/create> HTTP/1.1

Host: apiqa.prinstant.com

Content-Length: 29

Content-Type: application/json; charset=utf-8

Tectonics-API-Key: [API_KEY]

```
{ "some" : "json post data" }
```

CREATE ORDER

ENDPOINTS

QA: Post <https://apiqa.prinstant.com/orders/create>

Production: Post <https://api.prinstant.com/orders/create>

HTTP REQUEST EXAMPLE

POST <https://apiqa.prinstant.com/orders/create> HTTP/1.1

Host: apiqa.prinstant.com

Content-Length: 1813

Content-Type: application/json; charset=utf-8

Tectonics-API-Key: [API_KEY]

```
{
  "externalIds": [
    "some-external-id-1",
    "some-external-id-2"
  ],
  "locationId": "c206524f-66df-405e-8272-0225646fd373",
  "shippingMethodId": "098b5acd-817c-4492-8529-401794e51a37",
  "shippingAddress": {
    "firstName": "John",
    "lastName": "Consumer",
    "streetLine1": "100 Main St",
    "streetLine2": "Suite 100",
    "city": "Royal Oak",
    "provinceAbbreviation": "MI",
    "postalCode": "48067",
    "phoneNumber": "2485551234",
    "emailAddress": "johnconsumer@gmail.com"
  },
}
```

```
"lineItems": [  
  {  
    "externalIds": [  
      "another-external-id-1",  
      "another-external-id-2"  
    ],  
    "skuld": "50671b56-9833-47e5-880a-d942e7ed01a6",  
    "personalization": {  
      "assetUrl": "http://www.somewebsite/somefile.png",  
      "namedAssetUrls": {  
        "front": "http://www.somewebsite/somefile.png",  
        "back": "http://www.somewebsite/somefile.png"  
      }  
    },  
    "metaData": {  
      "Rotate90DegreesClockwise": true  
    },  
  },  
  {  
    "externalIds": [  
      "yet-another-external-id-1",  
      "yet-another-external-id-2"  
    ],  
    "skuld": "50671b56-9833-47e5-880a-d942e7ed01a6",  
    "personalization": {  
      "assetUrl": "http://www.somewebsite/somefile.png",  
      "namedAssetUrls": {  
        "front": "http://www.somewebsite/somefile.png",  
        "back": "http://www.somewebsite/somefile.png"  
      }  
    }  
  }  
]
```

```
    }  
  }  
]  
}
```

HTTP RESPONSE EXAMPLE

HTTP/1.1 200 OK

Date: Mon, 12 Aug 2024 16:05:05 GMT

Content-Type: application/json; charset=utf-8

Content-Length: 3755

```
{  
  "success": true,  
  "systemState": "OK",  
  "details": "Order Created Successfully",  
  "data": {  
    "id": "fld5a85f-d1eb-4c0b-8c41-7989375eeb6f",  
    "locations": [  
      {  
        "id": "c206524f-66df-405e-8272-0225646fd373",  
        "name": "Auburn Hills"  
      }  
    ],  
    "externalIds": [  
      "some-external-id-1",  
      "some-external-id-2"  
    ],  
    "shippingMethod": {  
      "id": "098b5acd-817c-4492-8529-401794e51a37",
```

```
    "name": "Tectonics USPS - Priority"
  },
  "shipByDate": "2021-11-01",
  "shippingAddress": {
    "firstName": "John",
    "lastName": "Consumer",
    "streetLine1": "100 Main St",
    "streetLine2": "Suite 100",
    "city": "Royal Oak",
    "provinceAbbreviation": "MI",
    "postalCode": "48067",
    "phoneNumber": "2485551234",
    "emailAddress": "johnconsumer@gmail.com"
  },
  "status": "New",
  "created": "2024-08-12T16:02:05.381Z",
  "lastModified": "2024-08-12T16:02:05.381Z",
  "completed": "2024-08-12T16:02:05.381Z",
  "lineItems": [
    {
      "id": "01185b39-1350-47fd-8b74-11c079dc379b",
      "externalIds": [
        "another-external-id-1",
        "another-external-id-2"
      ],
      "sku": {
        "id": "50671b56-9833-47e5-880a-d942e7ed01a6",
        "name": "Widget A"
      },
      "status": "New",
```

```
"personalization": {
  "assetUrl": "http://www.somewebsite/somefile.jpg",
  "namedAssetUrls": {
    "front": "http://www.somewebsite/somefile.jpg",
    "back": "http://www.somewebsite/somefile.jpg"
  }
},
{
  "id": "1afcbd76-5ad1-4e7d-8d84-e35b47409151",
  "externalIds": [
    "yet-another-external-id-1",
    "yet-another-external-id-2"
  ],
  "sku": {
    "id": "50671b56-9833-47e5-880a-d942e7ed01a6",
    "name": "Widget A"
  },
  "status": "New",
  "personalization": {
    "assetUrl": "http://www.somewebsite/somefile.jpg",
    "namedAssetUrls": {
      "front": "http://www.somewebsite/somefile.jpg",
      "back": "http://www.somewebsite/somefile.jpg"
    }
  }
},
"shipments": [
  {
```

```
"status": "Shipped",
"lineItems": [
  {
    "lineItemId": "01185b39-1350-47fd-8b74-11c079dc379b",
    "externalIds": [
      "another-external-id-1",
      "another-external-id-2"
    ]
  }
],
"carrier": {
  "name": "USPS",
  "service": "Express",
  "trackingNumber": "9999 9999 9999 9999 9999",
  "history": [
    {
      "timestamp": "2024-08-12T16:02:05.380Z",
      "carrierStatus": "In Transit"
    }
  ]
}
]
}
}
```

GET ORDERS

ENDPOINTS

QA <https://apiqa.tectonics.com/orders/get>

Production <https://api.tectonics.com/orders/get>

HTTP REQUEST EXAMPLE

POST <https://apiqa.prinstant.com/orders/get> HTTP/1.1

Host: apiqa.prinstant.com

Content-Length: 74

Content-Type: application/json; charset=utf-8

Tectonics-API-Key: [API_KEY]

```
{
  "orderIds": [
    "f1d5a85f-d1eb-4c0b-8c41-7989375eeb6f"
  ]
}
```

HTTP RESPONSE EXAMPLE

HTTP/1.1 200 OK

Date: Mon, 12 Aug 2024 16:17:40 GMT

Content-Type: application/json; charset=utf-8

Content-Length: 4143

```
{
  "success": true,
  "systemState": "OK",
  "details": "OK",
  "data": [
```



```
{
  "success": true,
  "systemState": "OK",
  "details": "OK",
  "data": [
    {
      "id": "f1d5a85f-d1eb-4c0b-8c41-7989375eeb6f",
      "locations": [
        {
          "id": "c206524f-66df-405e-8272-0225646fd373",
          "name": "Auburn Hills"
        }
      ],
      "externalIds": [
        "some-external-id-1",
        "some-external-id-2"
      ],
      "shippingMethod": {
        "id": "098b5acd-817c-4492-8529-401794e51a37",
        "name": "Tectonics USPS - Priority"
      },
      "shipByDate": "2021-11-01",
      "shippingAddress": {
        "firstName": "John",
        "lastName": "Consumer",
        "streetLine1": "100 Main St",
        "streetLine2": "Suite 100",
        "city": "Royal Oak",
        "provinceAbbreviation": "MI",
        "postalCode": "48067",
      }
    }
  ]
}
```

```
"phoneNumber": "2485551234",
"emailAddress": "johnconsumer@gmail.com"
},
"status": "New",
"created": "2024-08-12T16:02:05.381Z",
"lastModified": "2024-08-12T16:02:05.381Z",
"completed": "2024-08-12T16:02:05.381Z",
"lineItems": [
  {
    "id": "01185b39-1350-47fd-8b74-11c079dc379b",
    "externalIds": [
      "another-external-id-1",
      "another-external-id-2"
    ],
    "sku": {
      "id": "50671b56-9833-47e5-880a-d942e7ed01a6",
      "name": "Widget A"
    },
    "status": "New",
    "personalization": {
      "assetUrl": "http://www.somewebsite/somefile.jpg",
      "namedAssetUrls": {
        "front": "http://www.somewebsite/somefile.jpg",
        "back": "http://www.somewebsite/somefile.jpg"
      }
    }
  }
],
{
  "id": "1afcbd76-5ad1-4e7d-8d84-e35b47409151",
  "externalIds": [
```

```
    "yet-another-external-id-1",
    "yet-another-external-id-2"
  ],
  "sku": {
    "id": "50671b56-9833-47e5-880a-d942e7ed01a6",
    "name": "Widget A"
  },
  "status": "New",
  "personalization": {
    "assetUrl": "http://www.somewebsite/somefile.jpg",
    "namedAssetUrls": {
      "front": "http://www.somewebsite/somefile.jpg",
      "back": "http://www.somewebsite/somefile.jpg"
    }
  }
}
],
"shipments": [
  {
    "status": "Shipped",
    "lineItems": [
      {
        "lineItemId": "01185b39-1350-47fd-8b74-11c079dc379b",
        "externalIds": [
          "another-external-id-1",
          "another-external-id-2"
        ]
      }
    ]
  },
  "carrier": {
```

```
"name": "USPS",
"service": "Express",
"trackingNumber": "9999 9999 9999 9999 9999",
"history": [
  {
    "timestamp": "2024-08-12T16:02:05.380Z",
    "carrierStatus": "In Transit"
  }
]
}
]
}
]
}
]
}
```