

Introduction

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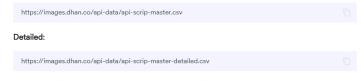
Market Quote Live Market Feed 20 Market Depth Historical Data Option Chain

Instrument List

# **Instrument List**

You can fetch instrument list for all instruments which can be traded via Dhan by using below URL:

### Compact:



This fetches list of instruments as CSV with Security ID and other important details which will help you build with DhanHQ APIs.

## Segmentwise List

You can fetch detailed instrument list for all instruments in a particular exchange and segment by passing the same in parameters as below:

curl --location 'https://api.dhan.co/v2/instrument/{exchangeSegment}' \

This helps to fetch instrument list of only one particular exchangeSegment at a time. The mapping of the same can be found here.

#### **Column Description**

Detailed tag	Compact	Description
EXCH_ID	SEM_EXM_EXCH_I	Exchange NSE BSE MCX
SEGMENT	SEM_SEGMENT	Segment C - Currency D - Derivatives E - Equity M - Commodity
ISIN	-	International Securities Identification Number(ISIN) - 12- digit alphanumeric code unique for instruments
INSTRUMENT	SEM_INSTRUMENT _NAME	Instrument defined by Exchange - defined here
removed	SEM_EXPIRY_COD	Expiry Code (applicable in case of Futures Contract) - defined here
UNDERLYING_SECUR		Security ID of underlying instrument (applicable in case of derivative contracts)
UNDERLYING_SYMBO	-	Symbol of underlying instrument (applicable in case of derivative contracts)
SYMBOL_NAME	SM_SYMBOL_NAM	Symbol name of instrument
removed	SEM_TRADING_SY	Exchange trading symbol of instrument
DISPLAY_NAME	SEM_CUSTOM_SYM	Dhan display symbol name of instrument
INSTRUMENT_TYPE	SEM_EXCH_INSTR UMENT_TYPE	In addition to 'INSTRUMENT' column, instrument type is defined by exchange adding more details about instrument
SERIES	SEM_SERIES	Exchange defined series for instrument
LOT_SIZE	SEM_LOT_UNITS	Lot Size in multiples of which instrument is traded
SM_EXPIRY_DATE	SEM_EXPIRY_DAT	Expiry date of instrument (applicable in case of derivative contracts)
STRIKE_PRICE	SEM_STRIKE_PRI	Strike Price of Options Contract
OPTION_TYPE	SEM_OPTION_TYP	Type of Options Contract

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Segmentwise List Column Description

	E	CE - Call PE - Put
TICK_SIZE	SEM_TICK_SIZE	Minimum decimal point at which an instrument can be priced
EXPIRY_FLAG	SEM_EXPIRY_FLA	Type of Expiry (applicable in case of option contracts)  M - Monthly Expiry  R - Weekly Expiry
BRACKET_FLAG	-	Bracket order status N - Not available Y - Allowed
COVER_FLAG	-	Cover order status  N - Not available  Y - Allowed
ASM_GSM_FLAG	-	Flag for instrument is ASM or GSM N - Not in ASM/GSM R - Removed from block Y - ASM/GSM
ASM_GSM_CATEGOR	-	Category of instrument in ASM or GSM NA in case of no surveillance
BUY_SELL_INDICAT	-	Indicator to show if Buy and Sell is allowed in instrument R if both Buy/Sell is allowed
BUY_CO_MIN_MARGI N_PER	-	Buy cover order minimum margin requirement (in percentage)
SELL_CO_MIN_MARG IN_PER	-	Sell cover order minimum margin requirement (in percentage)
BUY_CO_SL_RANGE_ MAX_PERC	-	Buy cover order maximum range for stop loss leg (in percentage)
SELL_CO_SL_RANGE _MAX_PERC	-	Sell cover order maximum range for stop loss leg (in percentage)
BUY_CO_SL_RANGE_ MIN_PERC	-	Buy cover order minimum range for stop loss leg (in percentage)
SELL_CO_SL_RANGE _MIN_PERC	-	Sell cover order minimum range for stop loss leg (in percentage)
BUY_BO_MIN_MARGI N_PER	-	Buy bracket order minimum margin requirement (in percentage)
SELL_BO_MIN_MARG IN_PER		Sell bracket order minimum margin requirement (in percentage)
BUY_BO_SL_RANGE_ MAX_PERC	-	Buy bracket order maximum range for stop loss leg (in percentage)
SELL_BO_SL_RANGE _MAX_PERC	-	Sell bracket order maximum range for stop loss leg (in percentage)
BUY_BO_SL_RANGE_ MIN_PERC	-	Buy bracket order minimum range for stop loss leg (in percentage)
SELL_BO_SL_MIN_R ANGE	-	Sell bracket order minimum range for stop loss leg (in percentage)
BUY_BO_PROFIT_RA NGE_MAX_PERC	-	Buy bracket order maximum range for target leg (in percentage)
SELL_BO_PROFIT_R ANGE_MAX_PERC	-	Sell bracket order maximum range for target leg (in percentage)
BUY_BO_PROFIT_RA NGE_MIN_PERC	-	Buy bracket order minimum range for target leg (in percentage)
SELL_BO_PROFIT_R ANGE_MIN_PERC	-	Sell bracket order minimum range for target leg (in percentage)
MTF_LEVERAGE		MTF Leverage available (in x multiple) for eligible 'EQUITY' instruments