

CUSTOMER				
Key Type	Optionality	Column Name	Data Type	Length
pk	*	customer_id	numeric	5,0
	o	customer_number	numeric	10,0
	o	customer_address	varchar	40
fk	o	ladder_id	numeric	5,0
fk	o	order_id	numeric	5,0

LADDER				
Key Type	Optionality	Column Name	Data Type	Length
pk	*	ladder_id	numeric	5,0
	o	ladder_type	varchar	20
	o	ladder_name	varchar	20
	o	ladder_discount	decimal	5,2
	o	ladder_price	decimal	8,2
	o	ladder_weight	decimal	5,2
	o	ladder_height	decimal	5,2
	o	ladder_rating	numeric	2,0
fk	o	warehouse_id	numeric	5,0

ORDER				
Key Type	Optionality	Column Name	Data Type	Length
pk	*	order_id	numeric	5,0
	o	order_date	date	
	o	order_total	decimal	20,2
	o	order_quantity	numeric	5,0
	o	order_tax	decimal	5,2

WAREHOUSE				
Key Type	Optionality	Column Name	Data Type	Length
pk	*	warehouse_id	numeric	5,0
	o	warehouse_name	varchar	40
	o	warehouse_address	varchar	40

CUSTOMER_LADDER				
Key Type	Optionality	Column Name	Data Type	Length
pk /fk	*	customer_id	numeric	5,0
pk/fk	*	ladder_id	numeric	5,0

LADDER_WAREHOUSE				
Key Type	Optionality	Column Name	Data Type	Length
pk /fk	*	ladder_id	numeric	5,0
pk/fk	*	warehouse_id	numeric	5,0

CUSTOMER(customer_id,customer_number,customer_address,ladder_id,order_id)

FK ladder_id → **LADDER**

FK order_id → **ORDER**

ORDER(order_id,order_date,order_total,order_tax,order_quantity)

LADDER(ladder_id,ladder_type,ladder_name,ladder_price,ladder_discount,ladder_height,ladder_weight,ladder_rating,warehouse_id)

FK warehouse_id → **WAREHOUSE**

WAREHOUSE(warehouse_id,warehouse_name,warehouse_address)

CUSTOMER_LADDER(customer_id,ladder_id)

FK customer_id → **CUSTOMER**

FK ladder_id → **LADDER**

LADDER_WAREHOUSE(**ladder_id,warehouse_id**)

FK ladder_id → **LADDER**

FK warehouse_id → **WAREHOUSE**