TRACELINK UNIVERSITY

Process order APIs

A process order is used to manage and control production in process manufacturing industries such as pharmaceuticals, chemicals, and food and beverage. Unlike discrete manufacturing (e.g., automotive or machinery), where production involves assembling individual parts, process manufacturing deals with the transformation of raw materials—through activities like mixing, blending, or chemical reactions—into finished products. In an ERP system, a process order acts as a digital blueprint for this production, providing detailed instructions, time lines, and resource planning across the entire production life cycle.

In MINT, process order sharing enables better collaboration between a MAH and a CMO. For example, the MAH generates a Planned Order, which is sent to the CMO to signal upcoming production needs. Upon receiving the planned order, the CMO may convert it into a process order within their own ERP system. Process Order specifies what will be produced, how much, and by when—allowing the CMO to plan materials, allocate resources, and assess production capacity. Typically, a process order is not released—and production does not officially begin—until the CMO receives a firm purchase order (PO) from the MAH. However, in well-established and trusted partnerships, the CMO may choose to proceed based on the planned order alone, with the expectation that a firm PO will be issued shortly thereafter.

Once the CMO is ready to begin manufacturing, they release the process order, initiating critical activities such as material reservation, production scheduling, and shop floor execution. At this stage, the CMO sends a Process Order Release transaction to the MAH via MINT. This transaction includes detailed production information, giving the MAH full visibility into the manufacturing start and enabling them to align their downstream processes accordingly.

By sharing process order status through MINT, both parties benefit from improved coordination, reduced risk, and greater transparency across the pharmaceutical supply chain.

Process order (IDoc)

The process order IDoc message support exchanging process order transactions via B2B.

Contact your TraceLink Services representative for more information about integrating with this message.

- **Message Type**: MPC_PROCESS_ORDER
- **IDoc Format**: LOIPRO.LOIPRO04
- **Transform Names**:
  - SAP_IDoc_LOIPRO_LOIPRO04_ProcessOrder_IB_V1
  - SAP_IDoc_LOIPRO_LOIPRO04_ProcessOrder_OB_V1

Guidelines

Input Element	Occurs	Length	Description	Example
IDOC	1...1	-	**Required.**IDoc root.	-
@BEGIN	1...1	0/*	**Required.** Begin of message attribute.	1
EDI_DC40	1...1	-	**Required.** IDoc control record.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
TABNAM	1...1	0/*	IDoc table name.	EDI_DC40
MANDT	0...1	0/3	**Required.** Client.	300
DOCNUM	0...1	0/16	**Required.** IDoc number.	0000000000619827
STATUS	0...1	0/2	Current IDoc processing status.	03
DIRECT	1...1	0/*	Direction.	1

Input Element	Occurs	Length	Description	Example
OUTMOD	0...1	0/1	Output mode.	2
EXPRSS	0...1	0/1	Overriding in inbound processing.	-
TEST	0...1	0/1	Test flag.	-
IDOCTYP	1...1	0/*	IDoc basic type.	LOIPRO
CIMTYP	0...1	0/*	Name of extension type.	-
MESTYP	0...1	0/30	**Required.** Logical message type.	LOIPRO04
MESCOD	0...1	0/3	**Required.** Logical message code.	-
MESFCT	0...1	0/3	Logical message function.	-
STD	0...1	0/1	EDI standard.	-
STDVRS	0...1	0/6	Version of EDI standard.	-
STDMES	0...1	0/6	EDI message type.	-
SNDPOR	1...1	0/10	Sender port (SAP System, EDI subsystem).	SAPD11
SNDPRT	1...1	0/2	Partner type of sender.	LS
SNDPFC	0...1	0/2	Partner function of sender.	-
SNDPRN	1...1	0/10	Partner number of sender.	ERPCLNT302
SNDSAD	0...1	0/21	**Required.** Sender address (SADR)	-
SNDLAD	0...1	0/70	The logical address of sender mapping to fileSenderNumber. Require a value that concatenates party type with party identifier in party type format.	0010136941923
RCVPOR	1...1	0/10	**Required.** SAP receiver port.	TRACELINK
RCVPRT	0...1	0/2	Partner type of receiver.	LS
RCVPFC	0...1	0/2	Partner function of receiver.	LS
RCVPRN	1...1	0/10	Partner number of receiver.	TRACELINK
RCVSAD	0...1	0/21	**Required.** Receiver address (SADR).	-
RCVLAD	0...1	0/70	The logical address of receiver. Required for TraceLink. Identifies the receiver of the IDoc for the TraceLink system. 's location ID. Must match the value that the IDoc sender has configured for their receiver partner in TraceLink.	3333331013655
CREDAT	0...1	0/8	**Required.** Date IDoc was created in format YYYYMMDD.	20230511
CRETIM	0...1	6/6	Time IDoc was created in format HHMMSS.	20230511
REFINT	0...1	0/14	Reference to interchange file.	20230511
REFGRP	0...1	0/14	Reference to message group.	161000
REFMES	0...1	0/14	Reference to message.	-
ARCKEY	0...1	0/70	EDI archive key.	-
SERIAL	0...1	0/20	EDI/ALE: Serialization field.	-
E1AFKOL	1...1	-	**Required.** IDoc header data for process order.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	-
AUFNR	0...1	0/12	Number which identifies an order within a client.	-
AUART	0...1	0/4	**Required.** Process order type. Valid values: • `PP01` - Internal Production Order • `PP02` - External Production Order • `PP04` - Production order as assembly order • `PPC1` - Order type for costing • `PPQM` - Production order for inspection • `BW01` - Standard production order	1
AUTYP	0...1	0/2	**Required.** Process order category is a more general classification of process orders that determines the overall functionality and integration within the system. Valid values: • `04` - Co Production Order • `10` - PP Production Order • `40` - Process Order • `99`- Master Process order	60003966
BMENGE	0...1	0/14	**Required.** Total process order quantity. Quantity to be produced or ordered according to the planned order.	BW01
GAMNG	0...1	0/14	Total quantity (including scrap) to be produced in this order.	40
IASMG	0...1	0/14	**Required.** Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	2
GMEIN	0...1	0/3	Process order quantity unit of measure.	2
MATNR	0...1	0/18	**Required.** Material number for which process order is created. If neither MATNR_EXTERNAL nor MATNR_LONG is present, MATNR is selected.	2
FEVOR	0...1	0/3	Production of a material controlling group, responsible for calculating capacity requirement during schedule run.	PCE
DISPO	0...1	0/3	Number of the MRP controller or group of MRP controllers responsible for planning of material component.	AB
WERKS	0...1	0/4	Planning plant code where materials are going to be manufactured.	AB
PRUEFLOS	0...1	0/12	Lot number of finished goods.	011

Input Element	Occurs	Length	Description	Example
TERKZ	0...1	0/1	**Required.** Different types of scheduling used to plan for producing goods. Valid values: • 1 - Forwards • 2 - Backwards • 3 - Capacity Requirement • 4 - Current Date	1000
VORGZ	0...1	0/3	Time buffer required before production.	1000
SICHZ	0...1	0/3	Time buffer required after production.	1
FREIZ	0...1	0/3	Timeframe within which product to be released.	10
PLNTY	0...1	0/1	Different types of task list required to finalize goods. Valid values: • 0 - Standard tasks • N - Routing goods • 2 - To collect master recipe required • E - To handle equipment related tasks • Q - For inspection handling • R - For rate routing	11
PLNAL	0...1	0/2	**Required.** Group counter number explains about sets of tasks to be executed in a single set.	12
PLNNR	0...1	0/8	**Required.** Group number explains about overall activities to be executed.	0

Input Element	Occurs	Length	Description	Example
PLNME	0...1	0/3	Unit or Basis for Measurement Code. Quantity UOM: **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • C8 – Cubic decimeters • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MQ – Cubic millimeter • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PK – Pack (Only supported Outbound) • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	10

Input Element	Occurs	Length	Description	Example
STLNR	0...1	0/8	BOM item identifier used in the production of finished good.	11
STLAN	0...1	0/1	Group counter number explains about sets of tasks to be executed in a single set.	PCE
STLAL	0...1	0/2	Group number explains about overall activities to be executed.	00003719

Input Element	Occurs	Length	Description	Example
SBMEH	0...1	0/3	Unit or Basis for Measurement Code. Quantity UOM: **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • C8 – Cubic decimeters • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MQ – Cubic millimeter • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PK – Pack (Only supported Outbound) • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	10

Input Element	Occurs	Length	Description	Example
AUFLD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	11
GSTRP	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	PCE
GSTRS	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
GSTRI	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
GLTRI	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
FTRMI	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
FTRMS	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
E1JSTKL	0...9999	-	**Required.** Production order status for header (JEST).	20250205
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	20250205
STAT	0...1	0/5	**Required.** There are different status of process orders. Valid values: • `I0001` - Created • `I0009` - Confirmed • `I0012` - Delivered • `I0002`- Released • `I0340` - Committed • `I0117` - Scheduled • `I0046` - Closed • `I0010` - Partially Confirmed • `I0074` - Partially Delivered • `I0042` - Partially Released	-
E1AFPOL	0...9999	-	**Required.** Production order items.	1
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	I0001
POSNR	0...1	0/8	**Required.** Line item number in process order.	-
PWERK	0...1	0/1	Planning plant code where goods will be manufactured.	1
MATNR	0...1	0/6	**Required.** Material Number of finished goods.	00000001
DFREI	0...1	0/8	Indicator used to specify whether process order is released, against the planned order received into the system.	100
UMREN	0...1	0/6	**Required.** Denominator for Conversion to Base Units of Measure.	BOXER_4CYL_STD
UMREZ	0...1	0/8	**Required.** Numerator for Conversion to Base Units of Measure.	X
PSMNG	0...1	0/14	Total quantity (including scrap) to be produced in this order.	0
PSAMG	0...1	0/14	Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	0
BMENG	0...1	0/14	Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	2
WEMNG	0...1	0/14	Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	2
MEINS	0...1	0/3	Process order quantity unit of measure.	2
E1AFFLL	0...9999	-	**Required.** Production Order Sequences.	2
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	PCE
APLZL	0...1	0/8	**Required.** Sequence counter for handling process order sequence.	-
FLGAT	0...1	0/1	Sequence category to identify type of sequences to be performed for respective sequence counter.	1
PLNFL	0...1	0/6	Sequence to be followed for finalizing finished goods. All type of required activities will be mentioned in process order to let customer know that finished goods are quality and risks free.	00000001
LTXA1	0...1	0/40	Description about sequence.	0
E1AFVOL	0...9999	-	**Required.** Production order processes.	0
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	ABCD
VORNR	0...1	0/8	**Required.** Sequence counter for handling process order sequence.	-
ARBPL	0...1	0/8	**Required.** Sequence category to identify type of sequences to be performed for respective sequence counter.	1
STEUS	0...1	0/6	Sequence to be followed for finalizing finished goods. All type of required activities will be mentioned in process order to let customer know that finished goods are quality and risks free.	00000001
LTXA1	0...1	0/40	Description about sequence.	0
XDISP	0...1	0/6	Sequence to be followed for finalizing finished goods. All type of required activities will be mentioned in process order to let customer know that finished goods are quality and risks free.	0

Input Element	Occurs	Length	Description	Example
BMSCH	0...1	0/14	Total Process order quantity. Quantity to be produced or ordered according to the Process order.	ABCD
LMNGA	0...1	0/14	Total quantity (including scrap) to be produced in this order.	0
XMNGA	0...1	0/14	Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	2
MGVRG	0...1	0/14	Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	2
RMNGA	0...1	0/14	Total scrap quantity in the order. Scrap quantity expected in the production of the order quantity.	2
MEINH	0...1	0/3	Process order quantity unit of measure.	2
ARBEI	0...1	0/14	Amount of work involved in performing the activity.	2
ARBEH	0...1	0/8	Work unit of measurement.	PCE
DAUNO	0...1	0/14	Amount of work involved in performing the activity.	2
DAUNE	0...1	0/8	Work unit of measurement.	PCE
VGW	0...1	0/14	Amount of work involved in performing the activity.	2
VGE	0...1	0/8	Work unit of measurement.	PCE
FSAVD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	2
FSEDD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	PCE
FSSAD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
FSSBD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
SSAVD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
SSEDD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
SSSAD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
SSSBD	0...1	0/8	BOM Explosion Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields.	20250205
E1JSTVL	0...9999	-	**Required.** Production order status for item.	20250205
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	20250205
STAT	0...1	0/5	**Required.** There are different status of process orders. Valid values: Valid values: • I0001 - Created • I0009 - Confirmed • I0012 - Delivered • I0002- Released • I0340 - Committed • I0117 - Scheduled • I0046 - Closed • I0010 - Partially Confirmed • I0074 - Partially Delivered • I0042 - Partially Released	-
E1RESBL	0...9999	-	**Required.** Reservation or dependent requirements.	1
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	I0001
AUSCH	0...1	0/7	**Required.** Scrap percent in components.	-
AVOAU	0...1	0/7	**Required.** Scrap percent in each operation.	1
BDART	0...1	0/2	**Required.** Requirement type, it determines the way in which the system handles requirements planning.	20.12
BDMNG	0...1	0/14	**Required.** Base item quantity reserved for making a finished product.	20.12
BDTER	0...1	0/8	**Required.** Date on which reserved quantity is required.	AR
BEIKZ	0...1	0/1	Material provision indicator that the item is subject to material provision, empty in this field means this component are provided as consumable materials for subcontractor • K - Material provided by customer • L - Material provided by vendor • S - Rework material • X - Rework material from subcontractors	13

Input Element	Occurs	Length	Description	Example
CHARG	0...1	0/10	Batch number of reserved item.	20161113
DBSKZ	0...1	0/1	This field indicates whether the material required for the Process order is to be directly procured (procured specifically for a customer or production order) or managed through stock procurement. Valid values: • E - Direct production • F - Direct procurement • No direct procurement or direct production	K
ENMNG	0...1	0/14	Quantity already withdrawn from the required item quantity reserved for making a finished product.	AR
FMENG	0...1	0/1	Quantity fixed indicator - Indicates that the quantity of an item remains constant, regardless of changes in the related system or finished product quantity, valid value is X- true	E
LGORT	0...1	0/4	Specifies the storage location for issuing components (backflush posting) or receiving produced materials (receipt posting) in Process or production orders.	4
MATNR	0...1	0/18	Component bill of material item identifier used in the production of finished good.	X
MEINS	0...1	0/14	Base unit for Measurement Code. Unit of entry UOM's include:	1212
NETAU	0...1	0/1	Net scrap indicator specifies scrap quantity is calculated basis on net required quantity.	121212
SBTER	0...1	0/8	Date on which reserved quantity is required.	EA
SCHGT	0...1	0/1	Indicates BOM Item is bulk material, available at work center.	-
SOBKZ	0...1	0/1	Identifying and managing materials that are not part of regular inventory but need to be tracked separately. • E - Materials that are associated with orders on hand • F - Stock for customer order • I- Stock for repair and return to production • J - Parts provided by vendor for a specific purpose • K - Consignment (vendor) • M - Return transfer package vendor • O - Stock in Transit • P - Pipeline material - in process of being transported • Q - Project Stock - Materials assigned to a specific project and managed separately from general stock • R - SC Project Stock • V - Return package with customer • W - Consignment (customer) • Y- Shipping unit (warehouse)	20161113
UPSKZ	0...1	0/1	Indicates BOM Item sub items.	X
VERTI	0...1	0/4	MRP Distribution Key.	O
VMENG	0...1	0/14	Confirmed quantity for availability check would store the difference between the delivered and invoiced quantities, based on the purchase order quantity.	X
WERKS	0...1	0/4	Planning plant code where materials are required to build.	X
SHKZG	0...1	0/1	Debit or credit indicator in account posting.	4
BWART	0...1	0/3	Inventory movement type.	0004
POSNR	0...1	0/4	Reserved material/component serial number.	X
MATNR_EXTERNAL	0...1	0/40	Material description.	221
MATNR_VERSION	0...1	0/10	Material version number.	0010
MATNR_GUID	0...1	0/32	External GUID of Material.	121212
RSNUM	0...1	0/10	Reservation or dependent requirements alphanumeric identifier for each order, unique identification number assigned to a reservation for materials or goods. RSNUM field links RSEB and FLAP table in SAP.	-
RSPOS	0...1	0/4	Specifies the number that uniquely identifies an item in a reservation or a dependent requirement.	-
RSART	0...1	0/1	Record type.	0010
ALPOS	0...1	0/1	Alternative Item indicator.	1
ALPGR	0...1	0/2	Alternative Item group.	-
ALPRF	0...1	0/2	Alternative Item ranking order.	-
ALPOS	0...1	0/1	Alternative Item strategy.	-
EWAHR	0...1	0/4	Alternative Item usage probability in percent.	-
NOMNG	0...1	0/15	Required base quantity.	-
DUMPS	0...1	0/1	Phantom item indicator, specifies whether the item in question is a phantom assembly.	-
AUFST	0...1	0/2	The BOM level and the path are only relevant for planning with phantom assemblies.	4
AUFWG	0...1	0/2	The level and path together identify the exact position of a phantom assembly in a BOM.	-
BAUST	0...1	0/2	Assembly order level.	-

Input Element	Occurs	Length	Description	Example
BAUWG	0...1	0/2	Assembly order path.	-
MRPOS	0...1	0/2	Superordinate reservation item.	-
POSTP	0...1	0/1	Classifies BOM items based on criteria like object reference (e.g., material or document) or stock status. It controls field selection, default values, and system activities for BOM maintenance.	-
AFPOS	0...1	0/4	Order item number.	-
STLNR	0...1	0/8	Bill of material identifier number.	1
STLKN	0...1	0/8	Bill of material item node identifier number.	-
STPOZ	0...1	0/8	Internal counter, Identifies the activity posting.	0000038723
ASQTY	0...1	0/4	Assembly quantity.	0121
MATNR_LONG	0...1	0/4	Material number long text.	01
LGNUM	0...1	0/3	Warehouse Number / Warehouse Complex , identifies physical warehouse structure within the Warehouse Management system.	-
PRVBE	0...1	0/10	A shop floor interim storage area for materials, used in production, Kanban processing, and Warehouse Management.	-
E1KBEDL	0...9999	-	**Required.** Capacity requirements records for processes.	01
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	2
BEDID	0...1	0/12	**Required.** ID of the capacity requirements record.	-
BEDZL	0...1	0/8	**Required.** Internal counter, Identifies the activity posting.	1
CANUM	0...1	0/4	**Required.** Internal counter, Identifies the activity posting.	10000005942
BEDKZ	0...1	0/1	**Required.** Remaining split record indicator.	1
KABRREST	0...1	0/22	Indicates how much capacity is still required for the teardown phase of an operation.	513
KABRSOLL	0...1	0/22	Specifies the Process or scheduled capacity needed for the teardown phase of an operation..	X
KBEAREST	0...1	0/22	Indicates how much capacity is still required for the processing phase of an operation.	0
KBEASOLL	0...1	0/22	Specifies the Process or scheduled capacity needed for the processing phase of an operation.	1
KRUEREST	0...1	0/22	Indicates how much capacity is still required for the setup phase of an operation.	0
KRUESOLL	0...1	0/22	Specifies the Process or scheduled capacity needed for the setup phase of an operation.	1
KAPAR	0...1	0/3	Capacity category: In a planning order or production order, this field is populated to indicate which capacity category (e.g., machine, labor, etc.) is linked with a specific operation or activity in a work center.	0
KAPID	0...1	0/8	Work center resource id where in capacity is required in production.	1

Input Element	Occurs	Length	Description	Example
KEINH	0...1	0/3	Unit of measure for displaying capacity requirements. **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • C8 – Cubic decimeters • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MQ – Cubic millimeter • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PK – Pack (Only supported Outbound) • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	101

Input Element	Occurs	Length	Description	Example
ARBID	0...1	0/8	Work center id.	101232
FSTAD	0...1	0/8	Earliest start date for the processing of the operation.	EA
FSTAU	0...1	0/6	Earliest start time for the processing of the operation.	-
FENDD	0...1	0/8	Earliest finish date for the processing of the operation.	20161113
FENDU	0...1	0/6	Earliest finish time for the processing of the operation.	131110
SPLIT	0...1	0/3	Split number.	20161113
MGVRG	0...1	0/15	Operation activity quantity that will be produced.	131110

Input Element	Occurs	Length	Description	Example
MEINH	0...1	0/3	Unit of measure for activity. **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • C8 – Cubic decimeters • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MQ – Cubic millimeter • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PK – Pack (Only supported Outbound) • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	01

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