

**810**
Invoice
Version 005010 X12
Functional Group=IN

BIG	Beginning Segment for Invoice						Pos: 020	Max: 1
							Heading - Mandatory	
							Loop: N/A	Elements: 4
Element Summary:								
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>		
BIG01	373	Date Description: Invoice Date expressed as CCYYMMDD	M	DT	8/8	Must use		
BIG02	76	Invoice Number Description: Identifying number assigned by issuer	M	AN	1/22	Must use		
BIG03	373	Date Description: PO Date expressed as CCYYMMDD	O	DT	8/8	Used		
BIG04	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22	Used		
REF	Reference Identification						Pos: 050	Max: 12
							Heading - Optional	
							Loop: N/A	Elements: 2
Element Summary:								
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>		
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use		
		Code Name						
		BM Bill of Lading Number						
REF02	127	Reference Identification	M	AN	1/30	MustUse		
N1	Name						Pos: 070	Max: 1
							Heading - Optional	
							Loop: N1	Elements: 4
Element Summary:								
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>		
N101	98	Entity Identifier Code	M	ID	2/3	Must use		
		Code Name						
		BT Bill-to-Party						
		RE Party to receive commercial invoice remittance						
		ST Ship To						
N102	93	Name	M	AN	1/60	Must Use		
N103	66	Identification Code Qualifier	M	ID	1/2	Must Use		
		Code Name						
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix						
N104	67	Identification Code	M	AN	2/80	Must Use		

N3	Address Information	Pos: 090	Max: 2
		Heading - Optional	
		Loop: N1	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
N302	166	Address Information	O	AN	1/55	Used

N4	Geographic Location	Pos: 100	Max: 1
		Heading - Optional	
		Loop: N1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
N402	156	State or Province Code	O	ID	2/2	Used
N403	116	Postal Code	O	ID	3/15	Used

ITD	Terms of Sale/Deferred Terms of Sale	Pos: 130	Max: >1
		Heading - Optional	
		Loop: N/A	Elements: 8

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code 01 Basic 05 Discount Not Applicable Note: If ITD01 is 05 then ITD06 or ITD07 must be used.	M	ID	2/2	Must Use
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
ITD03	338	Terms Discount Percent	M	R	1/6	Must Use
ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
ITD06	446	Terms Net Due Date	O	DT	8/8	Used
ITD07	386	Terms Net Days	O	N0	1/3	Used
ITD08	362	Terms Discount Amount	O	N2	1/10	Used

DTM	Date/Time Reference	Pos: 140	Max: 10
		Heading - Optional	
		Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		011 Shipped				
		035 Delivered				
DTM02	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must Use

FOB	F.O.B. Related Instructions	Pos: 150	Max: 1
		Heading - Optional	
		Loop: N/A	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use
		Code		Name		
		BP		Paid by Buyer		
		PB		Customer Pick-up/Backhaul		
		PP		Prepaid (by Seller)		
		CC		Collect		
		DE		Per Contact		
FOB02	309	Location Qualifier	X	ID	1/2	Used
FOB03	352	Description	O	AN	1/80	Used

IT1	Baseline Item Data (Invoice)	Pos: 010	Max: 1
		Detail - Optional	
		Loop: IT1	Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT102	358	Quantity Invoiced	X	R	1/10	Used
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
IT104	212	Unit Price	X	R	1/17	Used
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Code		Name		
		IN		Buyer's Line Number		
IT107	234	Product/Service ID	X	AN	1/48	Used
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Used
IT109	234	Product/Service ID	X	AN	1/48	Used

IT3	Additional Item Data	Pos: 030	Max: 5
		Detail - Optional	
		Loop: IT1	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT301	382	Number of Units Shipped	X	R	1/10	Used
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
IT302	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				

PID	Product/Item Description					Pos: 060	Max: 1
						Detail - Optional	
						Loop: PID	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
All valid standard codes are used.						
PID05	352	Description	X	AN	1/80	Used

PO4	Item Physical Details					Pos: 100	Max: 1
						Detail - Optional	
						Loop: IT1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	Pack	O	N0	1/6	Used
PO402	357	Size	X	R	1/8	Used
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

SAC	Service, Promotion, Allowance, or Charge Information					Pos: 180	Max: 1
						Detail - Optional	
						Loop: SAC	Elements: 8

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		<u>Code</u>		<u>Name</u>		
		A		Allowance		
		C		Charge		
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
SAC05	610	Amount	O	N2	1/15	Used
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
SAC07	332	Percent	X	R	1/6	Used
SAC08	118	Rate	O	R	1/9	Used
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
SAC10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

TDS	Total Monetary Value Summary					Pos: 010	Max: 1
						Summary - Mandatory	
						Loop: N/A	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Gross Amount	M	N2	1/15	Must use
TDS02	610	Amount Subject to Discount	O	N2	1/15	Used
TDS03	610	Net Amount	M	N2	1/15	Must Use

SAC	Service, Promotion, Allowance, or Charge Information	Pos: 040	Max: 1
		Summary - Optional	
		Loop: SAC	Elements: 9

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		A Allowance				
		C Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
SAC05	610	Amount	O	N2	1/15	Used
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
SAC07	332	Percent	X	R	1/6	Used
SAC08	118	Rate	O	R	1/9	Used
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
SAC10	380	Quantity	X	R	1/15	Used
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		02 Off Invoice				
		06 Charge to be Paid by Customer				

ISS	Invoice Shipment Summary	Pos: 060	Max: 1
		Summary - Optional	
		Loop: ISS	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISS01	382	Number of Units Shipped	M	R	1/10	Must Use
ISS02	355	Unit or Basis for Measurement Code	M	ID	2/2	Must Use

CTT	Transaction Totals	Pos: 070	Max: 1
		Summary - Optional	
		Loop: N/A	Elements: 1

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

SAMPLE DATA

ISA*00* *00* *ZZ*123456789 *08*9254110060*040117*1618*U*00501* 000000269*0*P*>~
GS*IN*123456789*5137624388*20040217*1618*269*X*005010~

ST*810*2690001~	Start Transaction Set 810
BIG*20040213*28376*20040213*K003259-00040~	Invoice Date, Invoice#, PO Date, PO#
REF*BM*48120~	Identifier Code & Bill of Lading
N1*RE*VENDOR NAME*9*1234567890000~	Identifier Code, Name, Code Qualifier, Duns & Suffix
N3*P O BOX 12345~	Address Information
N4*CLEVELAND*OH*44190~	City name, State, Postal Code
N1*BT*WINCHESTER FARMS*9*0238607450253~	Identifier Code, Name, Code Qualifier, Duns & Suffix
N3*P.O. BOX 465654~	Address Information
N4*CINCINNATI*OH*452464524~	City name, State, Postal Code

N1*ST*WINCHESTER FARMS*9*0238607450253~	Identifier Code, Name, Code Qualifier, Duns & Suffix
N3*500 ROLLING HILLS~	Address Information
N4*WINCHESTER*KY*403914039~	City name, State, Postal Code
ITD*01*3*0*20040213*0*20040223*10*0~	Terms Type, Terms Basis Code, Terms Discount, Terms Net Due, Terms Discount Days Due, Terms Net Due Date, Terms Net Days, Terms Discount Amount
FOB*PP~	Shipment method
IT1*1*494*CA*5.58**IN*D01234~	Assigned Identification, Quantity Invoices, Unit or Basis for Measurement Code, Unit Price, Product/Service ID Qualifier, Product/Service ID
PID*F****KROGER REGULAR CHEESE~	Item Description Type, Description
IT1*2*260*CA*5.17**IN*D01235~	Assigned Identification, Quantity Invoices, Unit or Basis for Measurement Code, Unit Price, Product/Service ID Qualifier, Product/Service ID
PID*F****KROGER LOW FAT CHEESE~	Item Description Type, Description
IT1*3*130*CA*10.54**IN*D01236~	Assigned Identification, Quantity Invoices, Unit or Basis for Measurement Code, Unit Price, Product/Service ID Qualifier, Product/Service ID
PID*F****KROGER REGULAR COLBY~	Item Description Type, Description
IT1*4*260*CA*5.32**IN*D01237~	Assigned Identification, Quantity Invoices, Unit or Basis for Measurement Code, Unit Price, Product/Service ID Qualifier, Product/Service ID
PID*F****KROGER SKIM CHEESE~	Item Description Type, Description
IT1*5*130*CA*10.19**IN*D01238~	Assigned Identification, Quantity Invoices, Unit or Basis for Measurement Code, Unit Price, Product/Service ID Qualifier, Product/Service ID
PID*F****KROGER PART SKIM CHEESE~	Item Description Type, Description
TDS*817882*817882*817882~	1. Total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable. 2.The amount upon which the terms discount amount is calculated. 3.Amount of invoice due if pad by terms discount due date (total invoice or installment amount less cash discount
SAC*C*ZZZZ***2533~	1. Allowance or charge indicator 2. Service, promotion, allowance, or charge code 5. Amount
ISS*1274*CA~	Number of units shipped, Unit or Basis for Measurement Code
CTT*5~	Number of line items
SE*27*2690001~	Number of included segments, transaction set control number
GE*1*269	Number of transaction sets included, group control number
IEA*1*000000269~	Number of included functional groups, Interchange control number