



PT HARTEX GLOBAL INDUSTRIAL



Product Design Innovator



PT HARTEX GLOBAL INDUSTRIAL

PT Hartex Global Industrial, has been dedicated in developing Automatic Lubrication System and Fire Suppression System for Heavy Equipment since 2017. Hartex committed to quality and customer satisfaction has allowed us to build strong partnership with renowned organizations and other mining company all-over Indonesia.

Hartex, primary focus in the production, procurement, distribution and exportation of spare-part, catered mining tools, supporting oil & gas industry equipment. We have served list-of clients in the Asia-Pacific and Australian market.

Hartex products and services such as Automatic Lubrication System & Fire Suppression System. We also provide other mining product support needs, Such as Hydraulic Hoses, Fittings & Adaptors. We take pride in our team of dedicated professionals who continually strive for excellence in everything we do.

As a dedicated and trusted company, Hartex continuously built and designed innovative products to meet and support our customers & partners. Together we expanding our horizon as we continue to grow and evolved.

Hartex, Product Design Innovator ...



VISION & MISSION

Hartex Vision, Aspires to emerge as the foremost mining manufacturing entity in Indonesia, Hartex is unwaveringly dedicated to fostering sustainable growth and expanding our operations. Committed to conducting business with unwavering integrity and ensuring utmost satisfaction, we strive to assert dominance in every market we serve through robust strength and agile strategies.

Hartex Mission, is to elevate customer satisfaction by enhancing the business competencies of companies. This entails cultivating a cohesive network among subsidiaries, business partners,





GROWTH INSPIRATION

Hartex, with a two-decade legacy of growth and expansion, has attracted significant investments, developed an exceptional workforce, and built a loyal customer base, becoming a leading business conglomerate. The company's success is driven by a clear vision and commitment to core values, fostering trust, confidence, and high standards of professionalism and reliability across various industries.





POINT VALUE

EMPLOYEE

We treat our employees and all our partners with dignity, fairness and respect, fostering an environment where people can contribute, innovate and excel. We believe in empowerment and strongly value on our employees.

RESPONSIBILITY

We believe that states "I am because we are". We therefore commit to share our success with communities and sustain the environment we operate in.

INTEGRITY

We commit to conduct our business in a transparent and ethical manner and pledge to be accountable to our customers, shareholders and society.

CUSTOMER VALUE

We strive to surpass customers' expectations both internally and externally. We are therefore committed to enable our customers excel by creating long term relationships, being responsive and relevant, and delivering value consistently.

EXCELLENCE

We pursue excellence through highly efficient and effective processes that deliver goods and services of outstanding quality.



PRODUCT MANUFACTURING CATEGORIES



LUBRICATION EQUIPMENT

- Automatic Lubrication Systems
- Lubrication Equipments



FIRE & SAFETY

- Fire Suppression Systems
- Safety Devices



HYDRAULIC CONNECTION

- Hydraulic Hoses & Spiral Guards
- Hydraulic Fittings
- Hydraulic Adaptors



VALVE ACCESSORIES

- Fluid Connections
- Fluid Delivery Systems



**PRODUCT MANUFACTURING
LUBRICATION EQUIPMENT**

LUBRICATION EQUIPMENT

01

Automatic Lubrication Systems

Automatic Lubrication Systems for mining automate lubricant delivery (oil/grease) to machinery parts. Key components : Centralized Pump, Distribution Line, Injectors/Metering Valves, Reservoirs, and a Monitoring System with sensors



AUTOMATIC LUBRICATION SYSTEMS

Hartex Electric Pump

Hartex Electric Pump

Electrically - Powered Lubrication Pump



FEATURES AND BENEFITS

- Pump body can be configured to operate one to four fixed displacement pump cartridges that can feed four different zones or be combined for maximum output;
- Designed to deliver NLGI #000 - #2 greases to a maximum pressure of up to 50 75 psi (3.50 bar, 3.5 Mpa) and up to 43 50 psi (300 bar, 30 Mpa) with a Safety Valve
- Remote controller connection offers more functionality and options.
- The integrated one-way valve inside pump element prevents grease from being sucked back from the main line.
- A stir plate pushes the grease through the strainer plate to reduce air bubbles and allow visual inspection of the volume of grease in the reservoir.
- Additional top mounts enable both top and bottom mounting for exceptional strength.
- Reservoir capacities of 4L, 8L and 12L;

BLACK STAR 10:1 - HYDRAULIC GREASE PUMP

Superior System Performance

Heavy-duty and mining equipment rely on fresh lubricant to flush contaminants from critical pivot points. An automatic lubrication system from HARTEX provides constant lube replenishment, preventing expensive and catastrophic component failures. Divider valves and injectors accurately distribute lubricant to multiply lube points and are designed to accept a variety of system accessories which include electronic controllers and pressure switches.

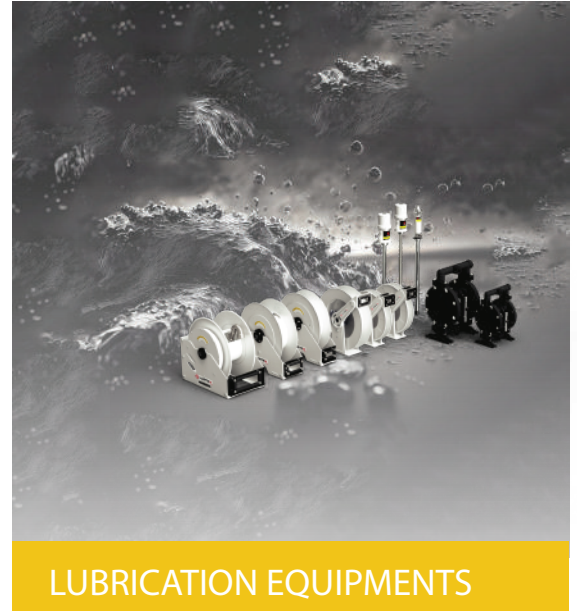


LUBRICATION EQUIPMENT

01

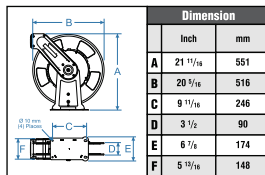
Lubrication Equipments

Encompasses tools and system designed for the controlled application of lubricants to machinery. From handheld grease guns to centralized automated system, lubrication pumps, and dispensing system, these tools ensure proper lubrication, which is essential for minimizing friction, reducing wear and tear, dissipating heat, and maintaining machinery efficiency and longevity.



LUBRICATION EQUIPMENTS

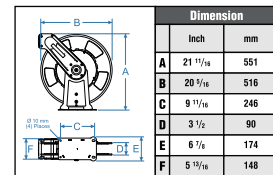
REEL MASTER 3/8 Inch I.D.
Heavy Duty
Grease, Air & Oil Hose Reel



- FEATURES**
- Dual pedestal base and guide arm design are structurally reinforced.
 - Five-in-one, heat-treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one-piece casting.
 - Containerized spring assembly provides safer and easier handling during maintenance.
 - Two sealed ball bearings for smooth rotation of main shaft.

Model with Hose	Shipping Weight	Hose I.D.	Hose O.D.	Hose Length	Pressure	NPT(M) Hose Outlet	NPT(F) Reel Inlet	Model without hose & bumper	Shipping Weight						
	lbs	kg	in	mm	ft	m	psi	bar	in	mm	lbs	kg			
Medium Pressure Oil Reels	Maximum temperature 210 °F (99 °C)														
841030100	57	26	3/8	10	3/4	19	50	15	5000	345	3/8	3/8	841030110	26	12

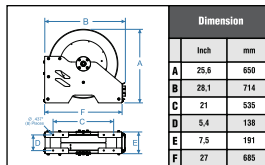
REEL MASTER 1/2 Inch I.D.
Heavy Duty
Grease, Air & Oil Hose Reel



- FEATURES**
- Dual pedestal base and guide arm design are structurally reinforced.
 - Five-in-one, heat-treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one-piece casting.
 - Containerized spring assembly provides safer and easier handling during maintenance.
 - Two sealed ball bearings for smooth rotation of main shaft.

Model with Hose	Shipping Weight	Hose I.D.	Hose O.D.	Hose Length	Pressure	NPT(M) Hose Outlet	NPT(F) Reel Inlet	Model without hose & bumper	Shipping Weight						
	lbs	kg	in	mm	ft	m	psi	bar	in	mm	lbs	kg			
Medium Pressure Oil Reels	Maximum temperature 210 °F (99 °C)														
842030200	57	26	1/2	12.7	0.86	22	50	15	3000	207	1/2	1/2	842030210	26	12

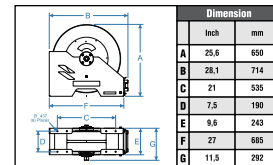
REEL MASTER 3/4 Inch I.D.
Ultimate Duty
Fuel, Oil, Water & Air Hose Reel



- FEATURES**
- Substantial Base Frame
 - Full width frame has the greatest amount of mounting area and overall strength of reels within its class.
 - Full Flow Stress Free Swivel Design The full flow swivel combines the highest grade seal design and materials with bearing areas to ensure maximum service life.

Model with Hose	Shipping Weight	Hose I.D.	Hose O.D.	Hose Length	Pressure	NPT(M) Hose Outlet	NPT(F) Reel Inlet	Model without hose & bumper	Shipping Weight						
	lbs	kg	in	mm	ft	m	psi	bar	in	mm	lbs	kg			
Low Pressure Reels	Maximum temperature 210 °F (99 °C)														
842031300	130	59	3/4	19	11.188	30	50	15	1500	103	3/4	3/4	842031310	118	53.5

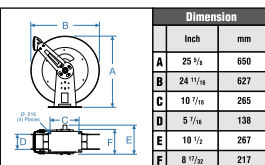
REEL MASTER 1 Inch I.D.
Ultimate Duty
Fuel, Oil, Water & Air Hose Reel



- FEATURES**
- Substantial Base Frame
 - Full width frame has the greatest amount of mounting area and overall strength of reels within its class.
 - Full Flow Stress Free Swivel Design The full flow swivel combines the highest grade seal design and materials with bearing areas to ensure maximum service life.

Model with Hose	Shipping Weight	Hose I.D.	Hose O.D.	Hose Length	Pressure	NPT(M) Hose Outlet	NPT(F) Reel Inlet	Model without hose & bumper	Shipping Weight						
	lbs	kg	in	mm	ft	m	psi	bar	in	mm	lbs	kg			
Low Pressure Reels	Maximum temperature 210 °F (99 °C)														
842031400	141	64	1	25	11.5	38	50	15	500	35	1	1	842031410	110	50

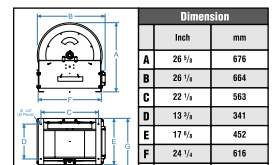
REEL MASTER 3/4 Inch I.D.
Heavy Duty
Oil Hose Reel



- FEATURES**
- Dual pedestal base and guide arm design are structurally reinforced.
 - Five-in-one, heat-treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one-piece casting.
 - Containerized spring assembly provides safer and easier handling during maintenance.
 - Two sealed ball bearings for smooth rotation of main shaft.

Model with Hose	Shipping Weight	Hose I.D.	Hose O.D.	Hose Length	Pressure	NPT(M) Hose Outlet	NPT(F) Reel Inlet	Model without hose & bumper	Shipping Weight						
	lbs	kg	in	mm	ft	m	psi	bar	in	mm	lbs	kg			
Medium Pressure Oil Reels	Maximum temperature 210 °F (99 °C)														
842030300	58	24	3/4	19	11.188	30	50	15	1500	103	3/4	3/4	842030310	54	38

REEL MASTER 1.5 Inch I.D.
Ultimate Duty
Fuel, Oil, Water & Air Hose Reel



- FEATURES**
- Substantial Base Frame
 - Full width frame has the greatest amount of mounting area and overall strength of reels within its class.
 - Full Flow Stress Free Swivel Design The full flow swivel combines the highest grade seal design and materials with bearing areas to ensure maximum service life.

Model with Hose	Shipping Weight	Hose I.D.	Hose O.D.	Hose Length	Pressure	NPT(M) Hose Outlet	NPT(F) Reel Inlet	Model without hose & bumper	Shipping Weight						
	lbs	kg	in	mm	ft	m	psi	bar	in	mm	lbs	kg			
Low Pressure Reels	Maximum temperature 210 °F (99 °C)														
842030500	185	84	1 1/2	38	2.600	51	50	15	600	41	1 1/2	1 1/2	842030510	135	61

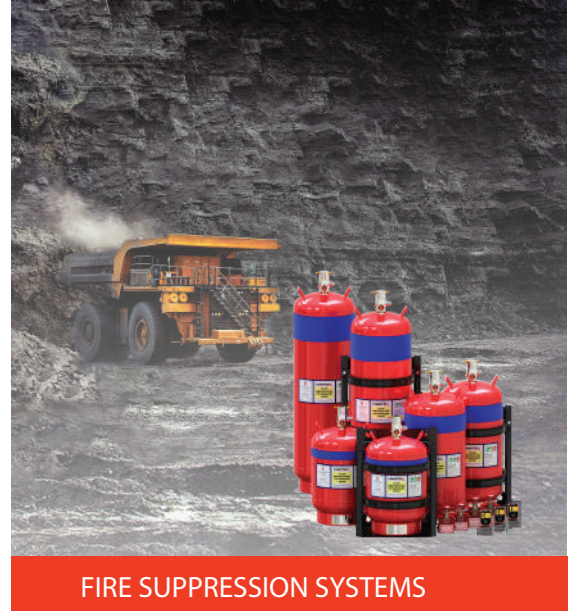


FIRE & SAFETY

02

Fire Suppression Systems

The Fire Suppression Systems is a vital safety feature that swiftly detects and extinguishes fires without human intervention, safe guarding assets and enhancing safety in diverse environments.



FIRE SUPPRESSION SYSTEMS



HARTE X Cylinder Valve LOP

- Open and close foam/powder solution from inside cylinder fire into discharge line

HARTE X Manual Actuator

- Automatic actuation with manual actuators installed in strategic point
- With 2 optional size

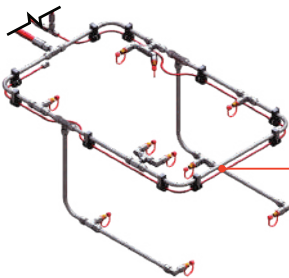


HARTE X Cylinder Fire Tank Assembly

- Varies size of cylinder (8 5L, 50L, 3 5L)
- Stainless steel construction
- Heavy duty cylinder

HARTE X Cylinder Bracket

- Heavy duty cylinder brackets
- Protect and hold cylinder fire in static mode



Discharge & Detection Line

- Stainless steel tubing
- Corrosion resistant fittings
- Linear Heat Detection (LHD) tubing



HARTE X Control Panel

- Monitoring the status of the pressure switches fitted in the system and provide audible and visual alarm function

CYLINDER FIRE C106	CYLINDER FIRE C65	CYLINDER FIRE C45	CYLINDER END VALVE LOP
PN: 8 3446150 (3 CYL AS SY & B RAC KET)	PN: 8 3446140 (3 CYL AS SY & B RAC KET)	PN: 8 3446130 (3 CYL AS SY & B RAC KET)	PN: 8 3446107 (LARG)
PN: 8 3446150 (1 CYL AS SY)	PN: 8 3446140 (1 CYL AS SY)	PN: 8 3446130 (1 CYL AS SY)	PN: 8 3446105 (SMALL)
PN: 8 34061012 (CYL B RAC KET)	PN: 8 34061011 (CYL B RAC KET)	PN: 8 34061011 (CYL B RAC KET)	

HARTE X FIRE PANEL ALAR M WITH ES	MANUAL LOP ACTUATOR	PRESSURE SWITCH	FLEXIBLE SIPHON TUBE
PN: 8 34011011 (ALL PANEL AS SY)	PN: 8 34471010E (EXTERNAL/LARGE)	PN: 8 54011013 (ALL AS SY)	PN: 8 34061512 (HC 60)
PN: 80000 1017 (CONNECTOR 2 P IN)	PN: 8 34471010 (INTERNAL/SMALL)	PN: 80000 1012 (CONNECTOR 2 P IN)	PN: 8 34061412 (HC 6 D)
			PN: 8 34061312 (HC 4 S)

RUBBER CLAMP	CYLINDER BRACKET MOUNT	BAFFLE DAM	RUBBER GROMMET
PN: 8 34061017 (2 METER 5/BRAC KET)	PN: 80000 1035 (WE LD MOUNT)	PN: 8 34061010 (1 LTR)	PN: 8 34471017 (CYL AS SY & B RAC KET)
	PN: 8 34061018 (RUBBER MOUNT)		

FIRE & SAFETY

02

Safety Devices

Safety devices on heavy equipment, such as proximity sensors, backup cameras, ROPS, FOPS, audible alarms, and emergency stop systems, play a crucial role in preventing accidents, safe guarding operators, and maintaining a secure work environment. Regular inspection and training ensure their effectiveness in mitigating potential hazards.



SAFETY DEVICES

HARTEX Fire Extinguisher

PN	Description
866204000	Dry Chemical Powder A, B, C Fire Class 3.0 Kg
866207000	Dry Chemical Powder A, B, C Fire Class 6.0 Kg
866209000	Dry Chemical Powder A, B, C Fire Class 9.0 Kg

Work Light

Features:

- High-power epistar LED
- Operating Voltage : 10-30V DC
- Reverse polarity protected
- Double insulated silicon rubberized wire, can bear very low & high temperature
- Color temperature : 6500K
- Color : White/ Red/ Yellow/ Blue/ Green etc.
- Material : Aluminium die-cast housing, PC cover, Stainless steel bracket
- Working environment : -40° -60°
- Optional beam : Flood beam and Pencil beam

PRODUCT NAME	PART NUMBER	CATEGORY
WL-01	WL-01-001-001-001	Work Light 17 Watt 12-24V 1000-10°
WL-02	WL-02-001-001-001	Work Light 40 Watt 12-24V 3000-10°
WL-03	WL-03-001-001-001	Work Light 50 Watt 12-24V 3000-10°

Strobe Light

Features :
 The material cover is PC
 Meets IP56 international protection standards
 Silicone drive rotator provides quiet
 DIN-mount base models enable speedy transfer or replacement of beacons
Advantage : Tough and Durable
 70 mph rated for magnetic version
 Coated die-cast aluminum base, 3-bolt fixing
 Working voltage : 12V or 24V
 Size : 142mm x 235mm (h)
 Color : Amber & Blue
 Usage: Utility trucks, construction vehicles, pilot cars, pickup truck, tractors and farm machinery

HARTEX Strobe Light

PN	Description
WLX12-4BVA	Strobe Light Xenon Amber
WLX12-4BVB	Strobe Light Xenon Blue
WLL12-4BVA	Strobe Light LED Amber
WLL12-4BVB	Strobe Light LED Blue
BSSX12-4BV	Built Spiral Xenon
BPWL12	Bracket & Plate

HARTEX Back Up Alarm

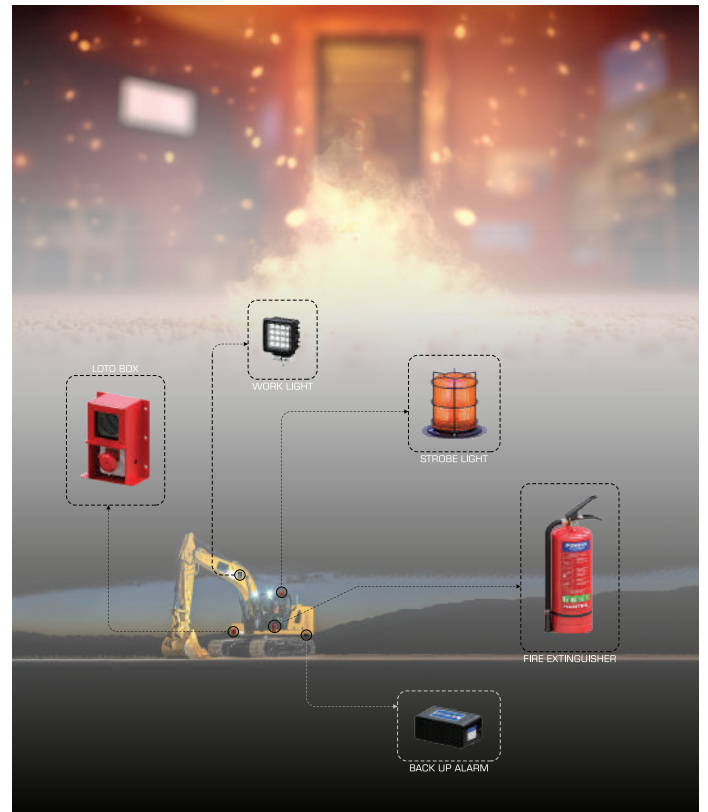
BA97-112	Back Up Alarm Adjustment: Low 97 Db, Mid 107 Db, & High 112 Db.
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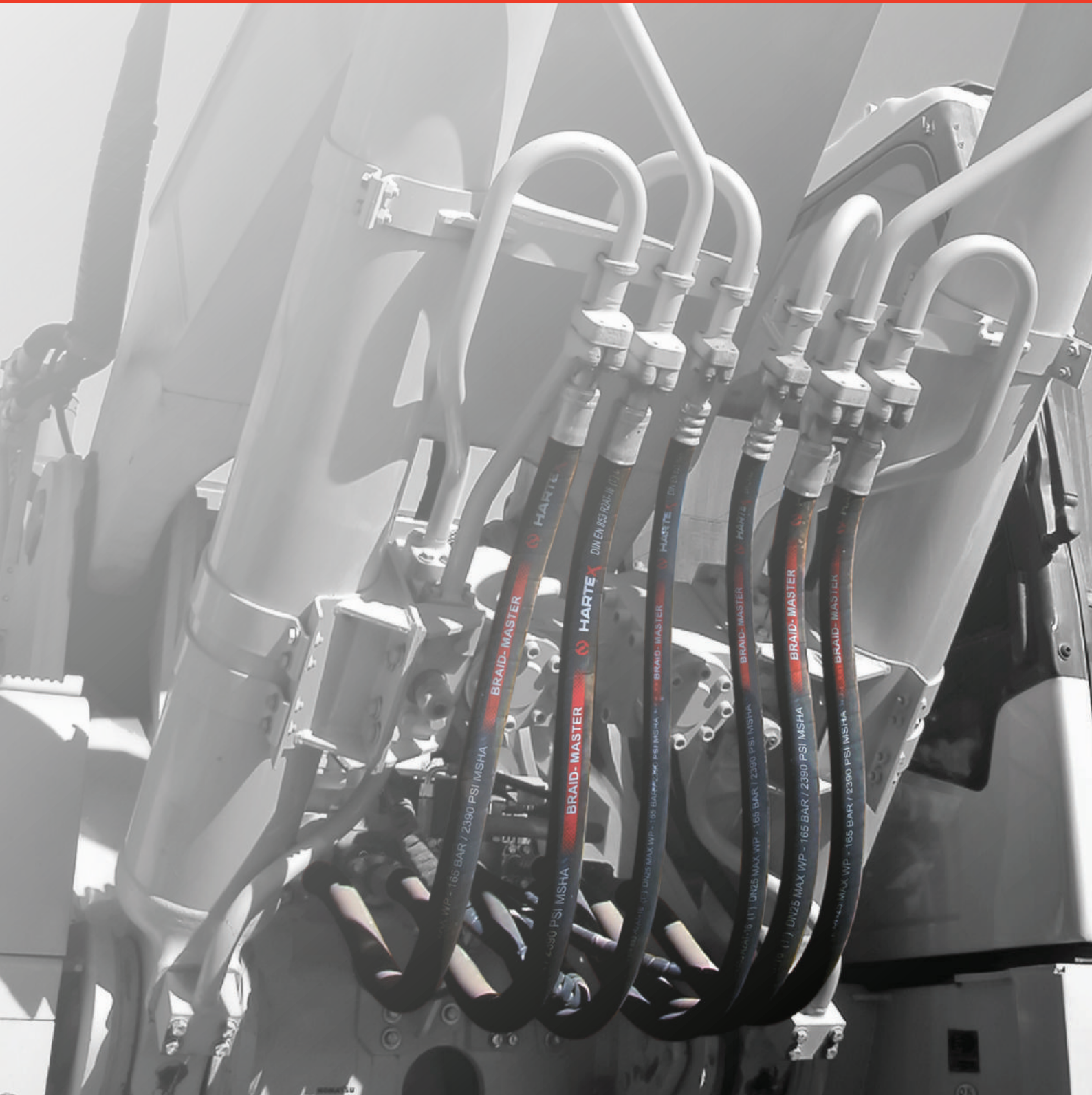
HARTEX Back Up Alarm

870297000	Back Up Alarm 112 Db.
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HARTEX LOTO Box

PN	Description
070297000	LOTO Box 2 System 1 Horizontal 1
070307000	LOTO Box 2 System 1 Horizontal 1
070310000	LOTO Box 2 System 1 Horizontal 1





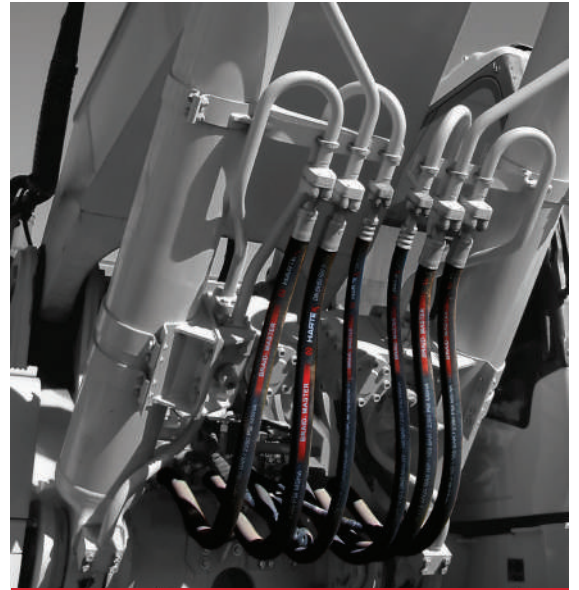
**PRODUCT MANUFACTURING
HYDRAULIC CONNECTION**

HYDRAULIC CONNECTION

03

Hydraulic Hoses & Spiral Guards

Hydraulic hoses and spiral guards are integral components hydraulic fluid, enabling machinery movement, while spiral guards provide crucial protection against abrasion and external damage. Together, they ensure the reliability and longevity of hydraulic system in various applications.



HYDRAULIC HOSES & SPIRAL GUARDS



BRAID MASTER 1SN
ABRASION, WEATHER & HEAT RESISTANCE

APPLICATIONS:



TECHNICAL DATA															
PART NUMBER	ID	R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.		WEIGHT	FITTINGS		
PN	DASH	DN	INCH	MM	INCH	MM	PSI	BAR	PSI	BAR	MM	KG/M	1 PIECE	2 PIECE	
03.BRAID1SN	-3	5	3/16	9.5	0.37	11.5	0.45	250	3620	1000	14500	90	0.19	072000	003400
04.BRAID1SN	-4	6	1/4	11.2	0.44	13.2	0.52	225	3260	900	13050	100	0.23	072000	003400
05.BRAID1SN	-5	8	5/16	12.8	0.50	14.8	0.58	215	3110	850	12320	115	0.27	072000	003400
06.BRAID1SN	-6	10	3/8	16.1	0.59	17.1	0.67	180	2610	720	10440	125	0.34	072000	003400
08.BRAID1SN	-8	12	1/2	18.1	0.71	20.1	0.79	160	2320	640	9280	180	0.42	072000	003400
10.BRAID1SN	-10	16	5/8	21.3	0.84	23.3	0.92	130	1880	520	7540	200	0.51	072000	003400
12.BRAID1SN	-12	19	3/4	25.3	1.00	27.3	1.07	105	1520	420	6090	240	0.63	072000	003400
16.BRAID1SN	-16	25	1	32.1	1.30	35.1	1.38	88	1270	360	5070	300	0.95	072000	003400
20.BRAID1SN	-20	31	1 1/4	40.6	1.60	43.3	1.70	63	910	250	3620	420	1.3	072000	003400
24.BRAID1SN	-24	38	1 1/2	47	1.85	49.7	1.96	50	720	200	2800	500	1.6	072000	003400
32.BRAID1SN	-32	51	2	60.4	2.38	63.1	2.48	40	580	160	2320	630	2.2	072000	003400
40.BRAID1SN	-40	64	2 1/2	72.2	2.84	74.9	3.03	50	720	200	2800	760	2.7	072000	003400

- Low-medium pressure lines, including mobile, machine tool and agriculture application (ie. Tractor). Using petroleum or water-based hydraulic fluids.
- EN 853-1SN, SAE 100-R1AT, ISO 1436-1SN/R1AT
- 40°F / +212°F ; -40°C / +100°C
- Oil resistance synthetic rubber
- One high tensile steel braid
- Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval
- Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C) - 1SN AGRO (designed specifically for agricultural machinery)
- U.S MSHA Approved & CHN MA Approved.



BRAID MASTER 2SN
ABRASION, WEATHER & HEAT RESISTANCE

APPLICATIONS:



TECHNICAL DATA															
PART NUMBER	ID	R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.		WEIGHT	FITTINGS		
PN	DASH	DN	INCH	MM	INCH	MM	PSI	BAR	PSI	BAR	MM	KG/M	1 PIECE	2 PIECE	
03.BRAID2SN	-3	5	3/16	11.3	0.44	13.3	0.52	415	6010	1650	23920	90	0.27	072000	003400
04.BRAID2SN	-4	6	1/4	12.7	0.50	14.7	0.58	400	5800	1600	23200	100	0.34	072000	003400
05.BRAID2SN	-5	8	5/16	14.3	0.56	16.3	0.64	350	5070	1400	20300	115	0.39	072000	003400
06.BRAID2SN	-6	10	3/8	16.7	0.66	18.7	0.74	330	4780	1320	19140	125	0.49	072000	003400
08.BRAID2SN	-8	12	1/2	19.8	0.78	21.8	0.86	275	3980	1100	15950	180	0.59	072000	003400
10.BRAID2SN	-10	16	5/8	23.0	0.91	25.0	0.98	250	3620	1000	14500	205	0.71	072000	003400
12.BRAID2SN	-12	19	3/4	27.0	1.06	29.0	1.14	215	3110	860	12470	240	0.89	072000	003400
16.BRAID2SN	-16	25	1	34.8	1.37	36.8	1.45	165	2390	690	9570	300	1.37	072000	003400
20.BRAID2SN	-20	31	1 1/4	44.3	1.74	47.0	1.85	125	1810	500	7250	420	2.27	072000	003400
24.BRAID2SN	-24	38	1 1/2	50.7	2.00	53.4	2.10	90	1300	360	5220	500	2.44	072000	003400
32.BRAID2SN	-32	51	2	63.5	2.50	66.2	2.61	80	1160	320	4440	630	2.7	072000	003400
40.BRAID2SN	-40	64	2 1/2	75.2	2.96	79.8	3.14	70	1015	280	4060	760	3.47	072000	003400

- Main Application: Medium-high pressure lines, including construction, machine tool and agriculture application. Using petroleum or water-based hydraulic fluids.
- Applicable Specs: EN 853-2SN, SAE 100-R2AT, ISO 1436-2SN
- Temperature Range: -40°F / +212°F ; -40°C / +100°C
- Inner Tube: Oil resistance synthetic rubber.
- Reinforcement: Two high tensile steel braids.
- Cover: Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval
- Optional Features: Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C) - 2SN AGRO (designed specifically for agricultural machinery)
- Flame Resistance: U.S MSHA Approved & CHN MA Approved.

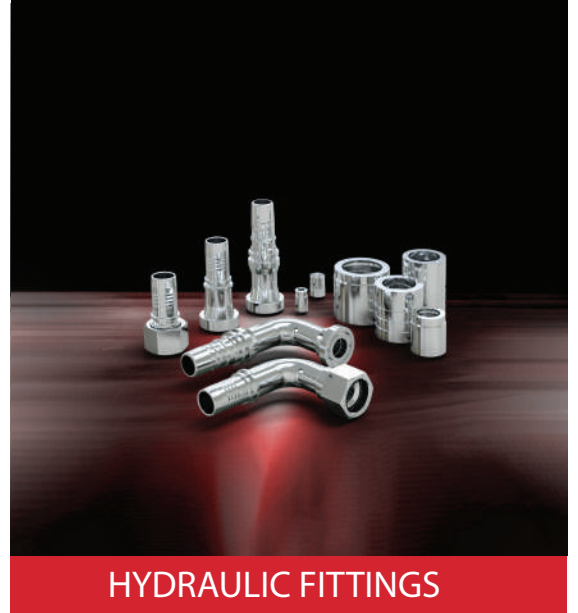


HYDRAULIC CONNECTION

03

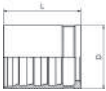
Hydraulic Fittings

Hydraulic fittings connect and secure hoses, pipes, or tubes in hydraulic systems. Essential for fluid conveyance, these fitting ensure a leak-free and reliable transfer of hydraulic power in diverse industrial applications, contributing to efficient machinery operation.



HYDRAULIC FITTINGS

BRAIDFIT TYPE

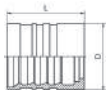


FERRULE

000820/000830

NO-SKIVE FERRULE FOR COMPACT HOSES

PART. REF.	HOSE BORE			DIMENSIONS (mm)							
	DN	Dash	Inch	D	L						
000820-03	5	-3	3/16"	14	26,4						
000830-04	6	-4	1/4"	18	29,6						
000830-05	8	-5	5/16"	19	31,9						
000820-06	10	-6	3/8"	22	32,9						
000820-08	12	-8	1/2"	26	33,9						
000820-10	16	-10	5/8"	29	35,9						
000820-12	19	-12	3/4"	33	41,7						
000820-16	25	-16	1"	41	49,7						
000820-20	31	-20	1.1/4"	48	57						
000820-24	38	-24	1.1/2"	55,5	66						
000820-32	51	-32	2"	68,8	70						



FERRULE

000910/000920/000930

SKIVE FERRULE FOR WIRE BRAID AND SPIRAL HOSES

PART. REF.	HOSE BORE			DIMENSIONS (mm)							
	DN	Dash	Inch	D	L						
000910-03	5	-3	3/16"	20,6	26						
000910-04	6	-4	1/4"	22	30						
000910-05	8	-5	5/16"	24	31						
000910-06	10	-6	3/8"	26	33						
000910-08	12	-8	1/2"	30	34						
000910-10	16	-10	5/8"	33	39						
000920-12	19	-12	3/4"	38	40						
000930-16	25	-16	1"	46	54						
000920-20	31	-20	1.1/4"	57	60						
000910-24	38	-24	1.1/2"	65	70						
000910-32	51	-32	2"	79	72						

BRAIDFIT TYPE



FERRULE

003400

NO-SKIVE FERRULE FOR WIRE BRAID HOSES

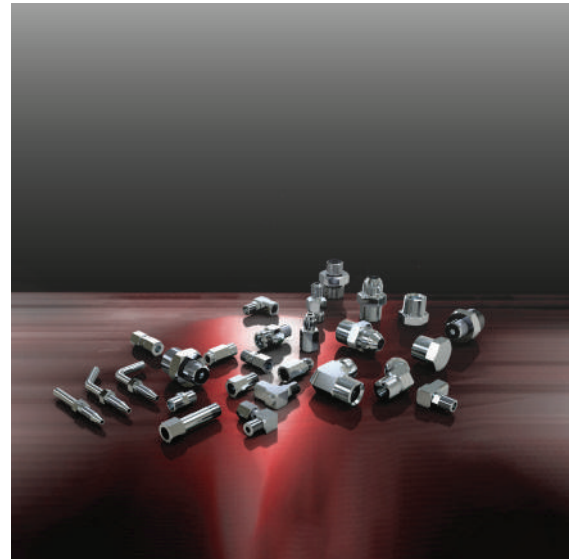
PART. REF.	HOSE BORE			DIMENSIONS (mm)							
	DN	Dash	Inch	D	L						
003400-03	5	-3	3/16"	21	23						
003400-04	6	-4	1/4"	23	30,1						
003400-05	8	-5	5/16"	24	30						
003400-06	10	-6	3/8"	26	31,1						
003400-08	12	-8	1/2"	29	34						
003400-10	16	-10	5/8"	33	37						
003400-12	19	-12	3/4"	37	42						
003400-16	25	-16	1"	46	50,7						
003400-20	31	-20	1.1/4"	59	57,2						
003400-24	38	-24	1.1/2"	67	64,8						
003400-32	51	-32	2"	80	68,3						
003400-38	60	-38	2.3/8"	82,5	69						
003400-40	63	40	2.1/2"	88,2	68,8						
003400-48	76	-48	3"	103	75						
003400-56	89	-56	3.1/2"	123,4	91						

HYDRAULIC CONNECTION

03

Hydraulic Adaptors

Play a vital role in connecting different hydraulic components, allowing for seamless integration and versatility in fluid power systems. These adaptors facilitate the assembly of various hydraulic part, ensuring compatibility and efficient functioning in diverse industrial applications.



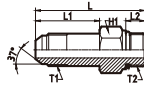
HYDRAULIC ADAPTORS

ADAPTORS

JIC ADAPTORS

0502230

STRAIGHT ADAPTOR LONG JIC MALE 74° CONE
SAE MALE O-RING BOSS TYPE (SAE J1926)

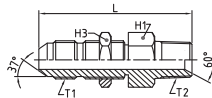


PART. REF.	THREADS		DIMENSION (mm)			
	T1 (UNF)	T2 (UNF)	L	L1	L2	H1
0502230-04-04	7/16" - 20	7/16" - 20	53,0	35,5	9,5	14
0502230-05-05	1/2" - 20	1/2" - 20	54,5	37,0	9,5	16
0502230-06-06	9/16" - 18	9/16" - 18	58,5	39,5	10,0	19
0502230-08-08	3/4" - 16	3/4" - 16	68,5	48,0	11,5	22
0502230-10-10	7/8" - 14	7/8" - 14	77,0	53,0	13,0	27
0502230-12-12	1 1/16" - 12	1 1/16" - 12	91,5	63,5	15,5	32
0502230-16-16	1 5/16" - 12	1 5/16" - 12	101,0	72,0	15,5	38
0502230-20-20	1 5/8" - 12	1 5/8" - 12	119,0	88,0	15,5	50
0502230-24-24	1 7/8" - 12	1 7/8" - 12	130,5	98,5	15,5	55
0502230-32-32	2 1/2" - 12	2 1/2" - 12	160,0	123,0	15,5	70

If you wish to order a fitting/ female adaptor in stainless, please add at the end of code:SS

0502328

STRAIGHT ADAPTOR JIC MALE BULKHEAD 74° CONE
(SAE J514) NPTF MALE 60° CONE SEAT (SAE J514)



PART. REF.	THREADS		DIMENSION (mm)			
	T1 (UNF)	T2 (NPTF)	L	H1	H3	H2
0502328-04-04	7/16" - 20	1/4" - 18	52,8	17	17	16
0502328-06-06	9/16" - 18	1/4" - 18	55,4	22	22	19
0502328-08-08	3/4" - 16	3/8" - 18	61,7	24	24	27
0502328-10-08	7/8" - 14	1/2" - 14	71,1	30	30	32
0502328-12-12	1 1/16" - 12	3/4" - 14	79,2	36	36	35
0502328-16-16	1 5/16" - 12	1" - 11,5	78,7	41	41	38

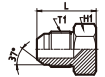
If you wish to order a fitting/ female adaptor in stainless, please add at the end of code:SS

ADAPTORS

JIC ADAPTORS

0402500

MALE PLUG JIC (SAE J514)



PART. REF.	THREADS	DIMENSION (mm)	
	T1 (UNF)	L	H1
0402500-04	7/16" - 20	20,0	14
0402500-05	1/2" - 20	21,0	14
0402500-06	9/16" - 18	23,0	16
0402500-08	3/4" - 16	25,0	22
0402500-10	7/8" - 14	29,0	24
0402500-12	1 1/16" - 12	33,0	30
0402500-14	1 3/16" - 12	34,0	32
0402500-16	1 5/16" - 12	36,0	35
0402500-20	1 5/8" - 12	41,0	43
0402500-24	1 7/8" - 12	44,0	50

If you wish to order a fitting/ female adaptor in stainless, please add at the end of code:SS

0412500

FEMALE PLUG JIC (SAE J514)



PART. REF.	THREADS	DIMENSION (mm)	
	T1 (UNF)	L	H1
0412500-04	7/16" - 20	24,0	16
0412500-05	1/2" - 20	25,0	16
0412500-06	9/16" - 18	27,0	19
0412500-08	3/4" - 16	31,0	22
0412500-10	7/8" - 14	32,0	27
0412500-12	1 1/16" - 12	34,0	32
0412500-14	1 3/16" - 12	34,0	35
0412500-16	1 5/16" - 12	39,0	38
0412500-20	1 5/8" - 12	44,0	50
0412500-24	1 7/8" - 12	48,0	55

If you wish to order a fitting/ female adaptor in stainless, please add at the end of code:SS



**PRODUCT MANUFACTURING
VALVE ACCESSORIES**

VALVE ACCESSORIES

04

Fluid Delivery Systems

Filtration system and refueling nozzles are crucial in maintaining clean fluids for machinery. Filtration ensures contaminants are removed, enhancing system reliability. Refueling nozzles offer precise fuel transfer, minimizing spillage and promoting efficient refueling processes. Together, they contribute to the longevity and optimal performance of industrial equipment.



FLUID DELIVERY SYSTEMS

Oval Gear Flowmeter

OGM-oval gear meter has the ability to handle a wide range of fluid viscosities with exceptional level of repeatability and durability, applying in the petroleum, chemical, food industry, etc.



Part Number	Brand	Model	Body Material	Accuracy	Flow Range	Media	Inlet/Outlet
84.20.40100	HARTE X	OGM-2.5	Aluminium	± 0.5%	20 - 200 LP M	Diesel / Gasoline / Kerosene	1" (2.54mm)
84.20.40150	HARTE X	OGM-40	Aluminium	± 0.5%	25 - 250 LP M	Diesel / Gasoline / Kerosene	1.5" (38.1mm)
84.20.40200	HARTE X	OGM-50	Aluminium	± 0.5%	30 - 300 LP M	Diesel / Gasoline / Kerosene	2" (50.8mm)

Fuel Gun & Swivel

HarTex Fuel Gun is designed in accordance with the ideal styles required by today's customers. It is small, light and easy to use. At the same time it is well manufactured, durable and reliable. It is applicable for filling ready-made diesel oil, kerosene and gasoline. Small aluminium gun body: It is light and easy to operate with its unique and original appearance. Foam and static electricity are reduced due to pressure casing.

Swivel Fuel Gun is used to connect the gun nozzle and hose. It is designed for easy use when refuelling. Allows for easy nozzle positioning. Reduces premature hose wear. NPT Thread Male / Female ends.



Part Number	Brand	Model	Body Material	Accuracy	Flow Range	Media	Inlet/Outlet
TSN120-16	HARTE X	FG-2.5	Aluminium	± 0.5%	80 LP M	Diesel / Gasoline / Kerosene	1" (2.54mm)



Fuel Filter Water Separator

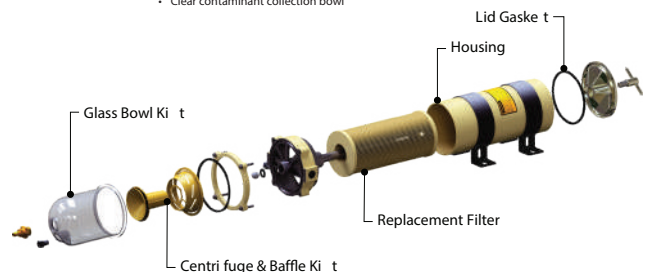
The HARTE X Fuel Filter Water Separator Turbine Series is the most trusted line of fuel filter water separators on the market. The assembly's three-stage filtration system effectively removes water and particulates from fuel, providing maximum protection of diesel engine components in applications where reliability is critical.

Markets:
 • Agriculture | Construction | Power Generation | Oil and Gas

Applications:
 • Diesel and Biodiesel Engines

Benefits:
 • Removes water that enters the system through condensation in the fuel tank.
 • Removes hard particulates present in air that are introduced during fueling, such as sand and silica.
 • Removes soft contaminant particles from overheated and degraded diesel fuel.
 • Prevents costly injector damage and increases operational life of downstream filters.

Features:
 • Aquabloc® engineered media elements with 98% efficiency at 4, 10 or 30 micron
 • Corrosion-resistant construction
 • Self-venting drain valve or plug (on metal bowls)
 • Clear contaminant collection bowl



Part Number	Description	Model	Max Flow	Flow Rate	Filter Element	Dimension (mm)
FH1000	Fuel Filter Water Separator	FH1000	120 GP M	180 GP H	20.20 Series	151 X 55.4
20.20TM-10	Replacement Filter	20.20 series	-	-	-	111 X 2.44

VALVE ACCESSORIES

04

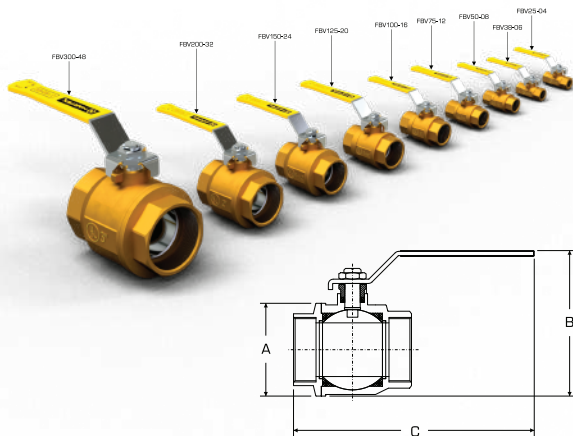
Fluid Connections

Quick couplings and ball valves are essential components in fluid systems, providing rapid and secure connections for hoses and pipes. Quick couplings enable swift changes, enhancing efficiency, while ball valves offer reliable control and shut-off capabilities. Together, they contribute to the flexibility, convenience, and precise regulation of fluid flow in various industrial applications.



FLUID CONNECTIONS

ORDERING INFORMATION



Part Number	Model	Pressure (PSI)	Pressure (Bar)	Dim. A (mm)	Dim. B (mm)	Dim. C (mm)
FBV25-04	Ball Valve 1/4"	600	40	24	52	121
FBV30-06	Ball Valve 3/8"	600	40	24	52	121
FBV50-08	Ball Valve 1/2"	600	40	33	63	129
FBV75-12	Ball Valve 3/4"	600	40	39	75	158
FBV100-16	Ball Valve 1"	600	40	50	84	162
FBV125-20	Ball Valve 1 1/4"	600	40	59	102	198
FBV150-24	Ball Valve 1 1/2"	600	40	73	116	204
FBV200-32	Ball Valve 2"	600	40	87	136	225
FBV300-48	Ball Valve 3"	600	40	130	270	333

H501 (ISO7241-A)

Thread Locked Type Hydraulic Quick Coupling



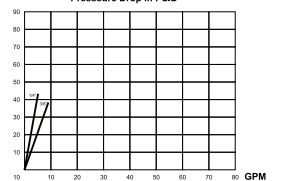
Application & Features

- The H501 Series couplings with their threaded union locking system and precision ball-type check valves are designed for extreme high pressure applications such as portable hydraulic jacks.
- H501 Series employs a thread sleeve locking mechanism, mates with matching male threads on the nipple. The two halves must be manually threaded together for connections.
- Critical parts are hardened for durability.
- The interface seal is polyurethane which resists high pressure extrusion.
- Compatible with PARKER 3000 Series, FASTER PVVM Series.

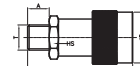
Specifications

Body Size (in)	1/4	3/8
Rated Pressure (PSI)	10,000	10,000
Rated Flow (GPM)	3	6
Temperature Range	-20° - +100°	

Pressure Drop in PSD



SOCKET



Part No.	LS	D	HS	A	T
H501HPSM-04	58	28.5	19	13	NPT1/4
H501HPSM-06	65	35	25	14.4	NPT3/8

PLUG



Part No.	LP	C	HP	A	T
H501HPPF-04	32.5	11.2	19	13	NPT1/4
H501HPPF-06	40	35	32	13.5	NPT3/8



PT HARTEX GLOBAL INDUSTRIAL

Factory

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Operating Hours:
Monday - Friday
08:00AM - 05:00 PM