



African Industrial services Group



African Industrial services Group

**COTE D'IVOIRE**  
RUE FLEMING - ZONE 4C  
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**BENIN**  
AKPAKPA - COTONOU  
02 BP 2083 COTONOU  
Tél: (229) 21 33 81 00  
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**TOGO**  
BAGUIDA - Face Station Texaco  
01 BP 997 LOME 01  
Tél: (228) 271 9871  
Fax: (228) 227 2094

**BURKINA FASO**  
TANGHIN SECTEUR 24  
06 BP 2484 OUAGADOUGOU 06  
Tél: (226) 50 50 12 50  
Fax: (226) 50 50 12 51

**GUINEE**  
NONGO Face à la Mosquée FADIGA  
30 B.P 511 CONAKRY 30  
Tél: (224) 30 01 52 57  
Cel: (224) 66 24 50 40

Onyx Group : 02 96 62 42



CÔTE D'IVOIRE - BENIN - TOGO - GUINEE - BURKINA FASO  
GHANA - LIBERIA - MALI - NIGERIA - SENEGAL - SIERALEONE

Site: [www.aisgroupafrica.com](http://www.aisgroupafrica.com)

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## MULTIPLE APPLICATIONS OF CONVEYOR BELTS



PP Textile Belt  
(Polyamide)



Transoil (Resistance to oily  
and greasy products)



(RIP-STOP) The Best of  
textile and metal



Bands transply  
(2 ply - Standard Application)



Multiply Bands  
(3 ply - Standard Application)



Multiply Bands  
(3 ply - Standard Application)



Transprofil  
(Steep gradien chevron)



Multitrans Bands or EP  
(Status medium and Services)

## PARTENAIRES

VICTOR FAIRON  
Supplier of various  
product lines



SNH  
Bearings supplier  
Country : Germany



DELTA PLUS  
Supplier of Safety  
Equipement  
Country : France



MTS  
Supplier of Safety  
footwear  
Country : France



ITALMANOMETRI  
Gauges and instrumentations  
Supplier  
Country : Italy



EATON-Supplier of hydraulic cylinders,  
limiting water pressures, hydraulic  
pumps and motors



IMPERIALHOUSE LTD  
Hydraulic, Couplings, Fittings & Adaptators



ANSELL  
Supplier industrial gloves  
Country : Belgium



METAL-WORK  
Pneumatic equipment supplier  
Country : Italy

GUARNITEC GROUP  
Hydraulic equipment supplier  
Country : Italy

fluid automation systems  
FLUID AUTOMATION  
Solenoid Supplier



Offers a wide range of products  
lubricants and hydraulic oil  
High Performance

## OUR REFERENCES IN BENIN

### Compagnies

ADEOTI  
 SATOM  
 FRANZETTI  
 COLAS  
 BENIN REGULATION  
 CAFE INFORMATIQUE  
 MGE  
 SOBEBRA  
 ETDE (ex. SIDELAF)

BENIN MARINA HOTEL

CODA  
 SHB  
 FLUDOR  
 SONACOP  
 MOOV  
 ALINK TELECOM  
 GLO MOBILE  
 LIBERCOM  
 SCB  
 CIM BENIN  
 SCB LAFARGE  
 GMB  
 SCIEL BENIN PEINTURE  
 ADRAO  
 SOTA BENIN  
 SIAB  
 TRANSACIER

PORT OF COTONOU  
 Public Works  
 Public Works  
 Public Works  
 Public Works  
 Installation of UPS  
 Installation of UPS  
 Installation of UPS

### Activity Area

BTP  
 BTP  
 BTP  
 BTP  
 Télécom  
 Télécom  
 Télécom  
 Brewery  
 Electricity

Hotel

Oil mill  
 Oil mill  
 Manufacturing flour  
 Soap  
 Telecom  
 Telecom  
 Telecom  
 Telecom  
 Cement  
 Cement  
 Cement  
 Manufacturing flour  
 Painting  
 Agriculture  
 Steel  
 Wood  
 Steel

## OUR REFERENCES IN GUINEA

### Compagnies

SOGUIPAH Huilerie  
 RUSAL  
 BONAGUI  
 CIMENT DE GUINÉE

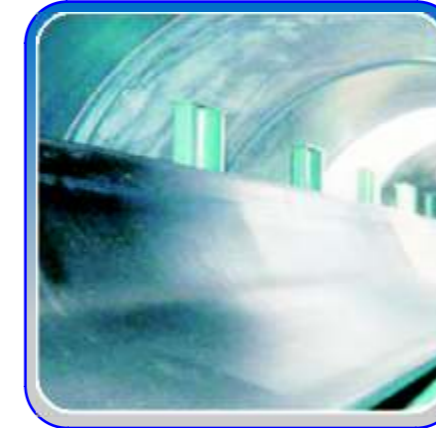
### Activity Area

Rubber  
 Aluminium  
 Brewery  
 Cement

## MULTIPLE APPLICATIONS OF CONVEYOR BELTS



PP Textile belt  
(Polyamide)



Autostable  
(Instantaneous self-centring)



Transunit Belts  
Rough-top - CTS - TTS



METALCORD  
(2 wefts)



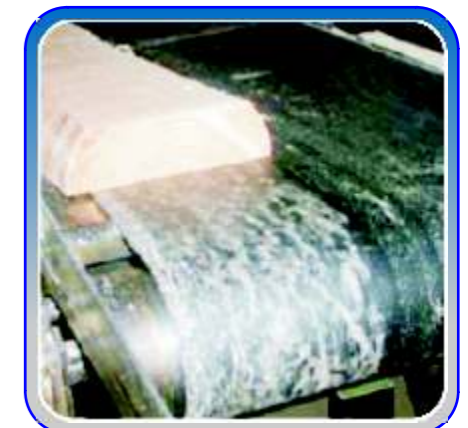
Steelcord/Sempercord  
(steelcord belt as per DIN)



Metaltrans Belt  
(1 weft)



Multiply Belts  
(3 ply - Standard Application)



Transglis Belts  
(Strips sliding face)

ROLLER FOR CONVEYOR BELTS



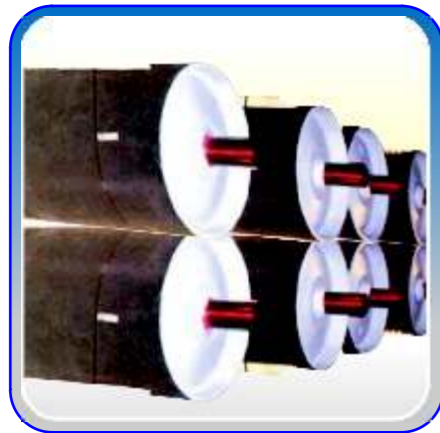
Roller Damper



Roll disc Control



simple and double Drums chevron



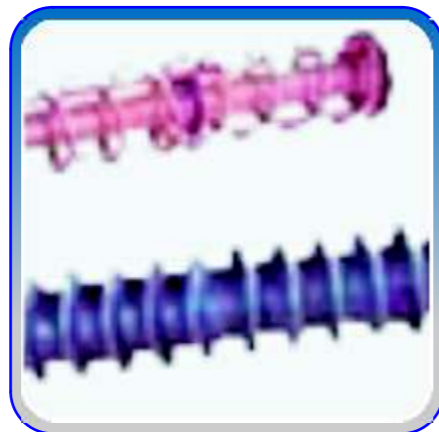
Drum carrier conveyer



Drum carrier conveyer food



Anti-glogging rollers



Scaling lever roller



Drum carrier palette

OUR REFERENCES IN TOGO

Compagnies

- AFRIMETAL
- AFRIC INDUSTRY
- FANMILK
- IMS
- INDUPLAST
- GIT
- ITP
- IWA
- MOOV-TOGO
- CIM-TOGO
- SNPT
- SOTOCO
- STE
- STI
- STIL
- TOGO-GAZ
- TRANSAM-P
- UNIFOOD
- WACEM
- SE2M
- NIOTO
- SGMT

Activity Area

- Manufacture of iron sponge
- Printing and Manufacture of Plastic
- Food
- Career
- Plastic manufacturing
- Plastic manufacturing
- Plastic manufacturing
- Paper Packaging
- Telecommunications
- Cement
- Phosphate
- Transformation of cotton
- Hydrocarbon
- Carpentry
- Iron Concrete
- Air Liquide
- Soap factory
- Food
- Cement
- Transit
- Oil mill
- Mill

## OUR REFERENCES

### Compagnies

BONAGUI-GUINEE  
SOGUIPAH-GUINEE  
METSO -GHANA  
BRAMALI -MALI  
SN-SOSUCO -BURKINA FASO  
SOMISY -MALI

### Activity Area

Brewery  
Rubber  
Distribution  
brewery  
Sugar  
Mine

## OUR REFERENCES IN IVORY COAST

### Compagnies

SAPH  
SOGB  
IDH  
CHC  
TRCI  
CC PAKIDIE

### Activity Area

Rubber  
Rubber  
Rubber  
Rubber  
Rubber  
Rubber

### Compagnies

PALMCI  
PALMAFRIQUE  
SIPEFCI  
UNILEVER  
COSMIVOIRE

### Activity Area

Oil mill  
Oil mill  
Oil mill  
Oil mill  
Oil mill

### Compagnies

SACO  
NESTLE  
UNICAO  
CEMOI  
CARGILL COCOA  
GIE-GEMACI  
SIEM  
SCA  
THANRY  
G.M.A  
EUROLAIT  
SEMEN

### Activity Area

Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food  
Agro-Food

### Compagnies

CIE  
SODECI  
CARENA  
FILTISAC  
SONACO  
UNIWAX  
SOTACI  
ADM COCOA  
SIR  
SOCIMAT  
SMB  
PFCI  
SCODI

### Activity Area

Electricity  
Water  
Vessels maintenance  
Bag and Burlap  
Cardboard  
Textile  
Iron  
Cocoa  
Refinery  
Cement  
Refinery  
Agro-Food  
Agro-Food

## ELECTRICAL EQUIPMENT



## ELECTRICAL PANELS



BEARING



Standard & needle roller bearings



Roller steel cage



Cylindrical roller



Ball bearing Angular contact



Thrust Rollers



Ball bearing



Conical roller



Special bearing

FALL PROTECTION



Locking carabineer ELARA 04



Nylon lanyard strap 2M ELARA 05



Lanyard strap ELARA 08



Waist belt JANUS 08



Work positioning sit harness EXO80



Tensioner assembly ELARA 10 + runs



Storage Bag 60x30x30 ELARA 20



Fall Protection Harnesses JANUS 04

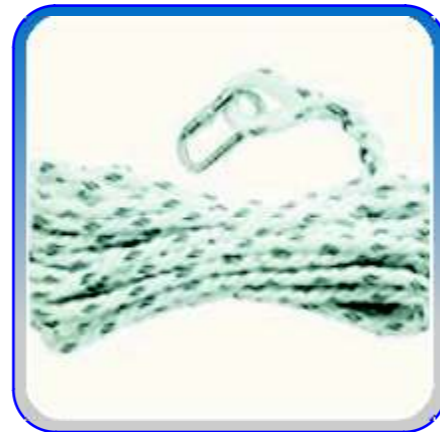
FALL PROTECTION



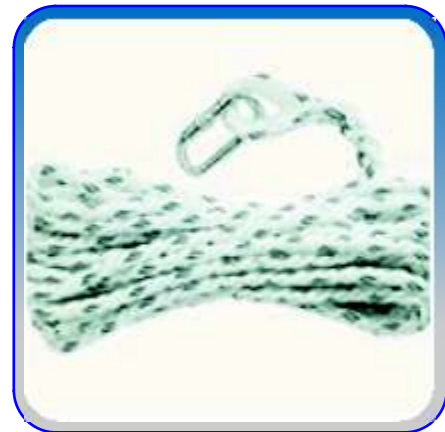
Sliding fall arrest rope  
MIMAS 01



MIMAS sliding fall arrest 02



Safety support  
MIMAS 03



Safety support  
MIMAS 04



Self Retracting lifeline  
05 MIMAS



Fall arrest energy absorber  
10 MIMAS



Fall arrest energy absorber  
11 MIMAS



Carabineer clamp screw  
ELARA 01



Safety hook  
ELARA 02

INFRARED THERMOMETER



GREASE



HEATING ELEMENT



**PULLEY**



Pulley



Pulley



Pulley

**SPROCKETS**



Sprocket



Chain sprocket Paddle



Sprocket

**CHAINS**



Roller chain



Long step-chain



Chain Palette

**PERSONAL PROTECTIVE EQUIPMENT - Body Protection**



Combination antacide  
CHEMSOL



Disposable coverall  
Dt220



305 Rain Coat



304 Rain Suit



Coveralls M1COM



Dungaree work  
M1SAL réf : M1SAL BB



Combination anti-Heat  
COMBI193330



Safety vest GILPM



Rain suit high  
visibility En208



**PERSONAL PROTECTIVE EQUIPMENT - Foot Protection**



Safety shoe size bass  
GOULT



Safety shoe  
DAME LORIOI



Safety boot  
COME S5



Safety boot  
GIGNAC S5



PVC boot  
JOUCAS



Safety shoe  
KENYA KEV S3 (MTS)



Safety shoe  
TRAVEL KEV S3 (MTS)

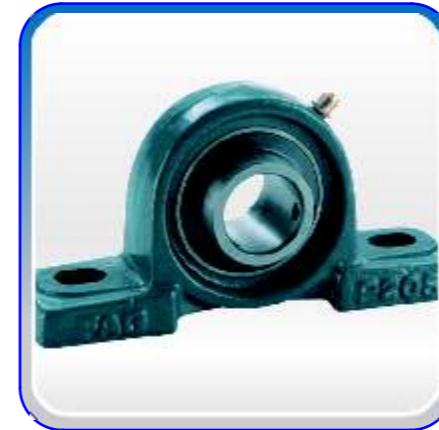


Safety shoe  
SAGAR KEV S3 (MTS)



Safety shoe  
HIKING KEV S3 (MTS)

**PLUMMER BROCKS**



Pillow block



Bearing in 2 parts



Bearing plate square



Bearing plate to 2 bolts



Tensioner bearing slide



Plummer sheet

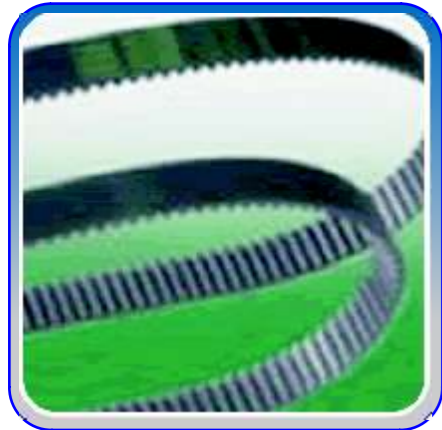


Ball bearing



Thrust Rollers

RUBBER BELTS



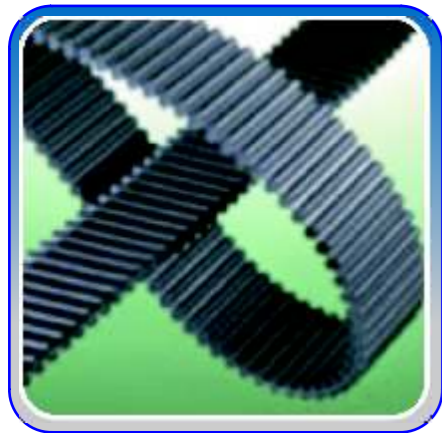
Synchronous belts



Synchronous belts



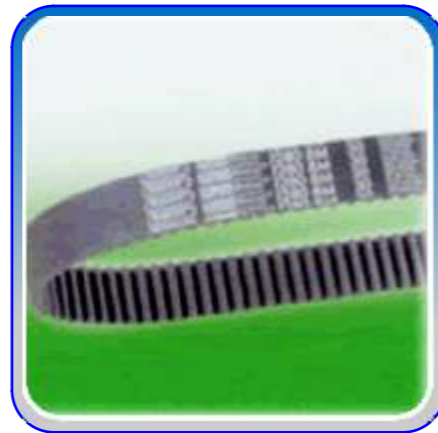
V-belts



Synchronous belts



Synchronous belts



Synchronous belts



V-belts



V-belts



V-belts

PERSONAL PROTECTIVE EQUIPMENT - Foot Protection



Safety shoe  
PACIFIC KEVS3 (MTS)



Safety shoe  
KEVS3 LEGEND (MTS)



Safety shoe  
KEVS3 PACIFIC LADY (MTS)



Safety shoe  
LADY OLIVIA S3 (MTS)



Safety shoe  
CLARA SBP (MTS)



Safety shoe  
S1P LADY ANGELA (MTS)



Safety shoe  
LADY EVA S3 (MTS)



Safety shoe  
DAME JULIA S3 (MTS)



LISA S3 Safety shoe  
(MTS)

PERSONAL PROTECTIVE EQUIPMENT - Foot Protection



PUYVERT S3  
Shoe size high security



MAUBEC  
safety shoe DAME



GARGAS  
Shoe size high security



LADY JESSICA S3  
Safety Shoes (MTS)



LADY SARA S3  
Safety Shoes (MTS)



Safety shoe  
COMMANCHE (MTS)



Safety shoe  
MOHICAN S1 (MTS)



Safety shoe  
TOMAWAK S1 (MTS)



MICHELIN PILOT  
Safety shoe

COUPLING



Coupling Brampton



N-EUPEX Coupling



N-EUPEX Coupling



Chiang coupling



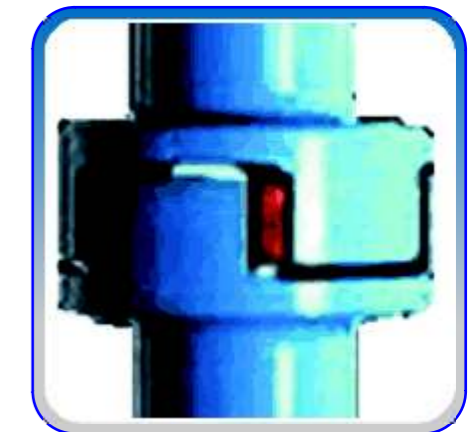
Rotex coupling



Oméga coupling



Oméga coupling



Chiang coupling

MOTORS



ELECTRIC MOTORS



PERSONAL PROTECTIVE EQUIPMENT - Hand Protection



Sensilte white glove (Ansell)



Sol-Vex glove (Ansell)



Hycron glove (Ansell)



Sensilte black glove (Ansell)



Leather glove



Hyflex GLOVE (Ansell)



Heat resistant glove Mercury (Ansell)



Sol-knit glove (Ansell) Sensilte

**PERSONAL PROTECTIVE EQUIPMENT - Hand Protection**



PM 160  
Palm glove spike



DS202RP  
Glove Docker crust



Nitrile Glove NITREX 802



PV 720 red PVC  
Glove 72cm length



Pv400 red PVC  
gloves length 40cm



Tc715  
welder glove

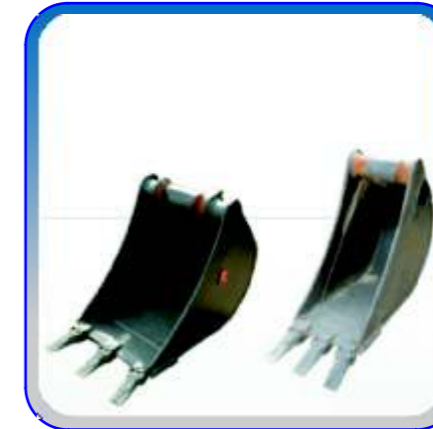


CA615K heat resistant  
glove welder



Hylite glove (Ansell)

**BUCKETS**



**SCREW BUCKET**



**SCRAPERS**



FILTERS



Various filters



Self-cleaning filters for drilling range neptune



Diatom filter hayward



Oil filter



Hydraulic Filter Self-cleaning bravomax



Hydraulic Filters



Filters EXdetail



All types of filters

PERSONAL PROTECTIVE EQUIPMENT - Head Protection



QUARTZII Hardhat



CONICFIT06 Earplug



Noise Canceling headphones IMOLA2 SNR 30db



KILIMBLIN Bezel Polycarbonate anti-scratch



KILIMBLIN Bezel Polycarbonate anti-scratch



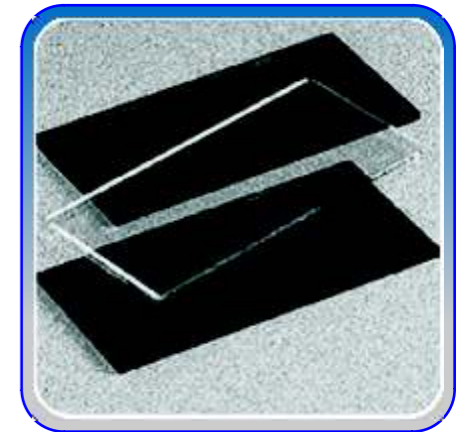
VARIANT Helmet for arc welding



CASOUD800C Welding helmet



JUGALPHA Chinstrap no chin



FILTRE 11 Welding filter stained

PERSONAL PROTECTIVE EQUIPMENT - Head protection



M1100 Mask without valve



Disposable FFP1 300VC  
Valve mask



Disposable FFP3 M1200  
Disposable mask without valve FFP2



M1100 VC  
Valve mask disposable FFP1



M8200 Respirator Full



M1200 vc  
Valve mask disposable FFP2



M3200  
Half-mask kit M3200



M8000  
Cartridge A2B2E2K2P3 R



TOBA Bezel welder lift

PUMPS



GLUES



VALVES



Solenoid Diaphragm not coupled



Solenoid Diaphragm not coupled



Solenoid Diaphragm coupled



Solenoid Diaphragm coupled



Angle Seat Valves



Angle Seat Valves



Solenoid pilot valve



Solenoid floating piston



Solenoid piston coupled

OTHER ACTIVITIES

- ✦ Technical interventions and electromechanical equipment maintenance
- ✦ Repair of hydraulic cylinders
- ✦ Maintenance of hydraulic units
- ✦ Application and manufacture of hydraulic units
- ✦ Manufacture of hydraulic hoses

We have a fleet machine making hose of all sizes from 0 bars to 700 bars.



OTHER ACTIVITIES

- ✦ Training for the use of personal protective equipment (safety harness, line life etc ...)
- ✦ Technical training in Guinea on SKF behalf (Bearings : assembly, disassembly, vibration, Lubrication ...)
- ✦ Management Training (Project, Risk, Strategy and Lean Manufacturing)

Trainings are conducted by our European partners.



SNH  
Bearings supplier  
Country : Germany



DELTA PLUS  
Supplier of Safety  
Equipment  
Country : France

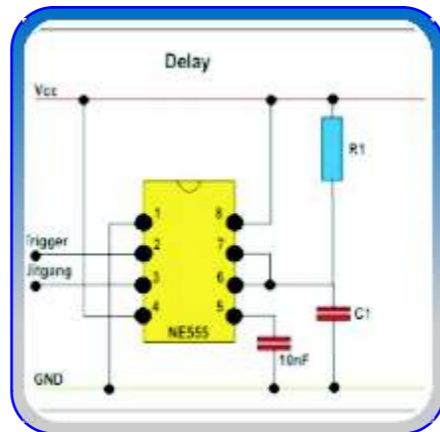


ANSELL  
Supplier industrial gloves  
Country : Belgium



Powering Business Worldwide  
EATON-Supplier of hydraulic cylinders,  
limiting water pressures, hydraulic  
pumps and motors





LUBRIFIANTS FUCHS

We analyze and study

- \* Analysis of your lubricants with the laboratory of the European Preventive monitoring Machinery (IESPM)
- \* Studies of machines and facilities

We propose solutions

- \* Proposals for Oil and Grease suitable for your material
- \* Proposed technical and lubricating equipment

We supply

- \* More than 30 000 references Oils and grease
- \* FREE, after sales by a sampling lubricant that are analyzed



« THAT'S TOUGH ... THE DANGER WILL NOT COME FROM US »



OVER 30 000 REFERENCES OILS AND FATS

- \* **ENGINE OIL** : Heat engine and Electrical
- \* **FUCHS References** : - EDF - BMW - KOMATSU DAF - CUMMINS - LEROY SOMMER BAUDOIN - CHANNEL TUNNEL (France)
- \* **LIQUID SUSPENSION AND BRAKE** : - DOT 4 to 5 - For application in food industry : " FUCHS produces and distributes a range of fats and oils by registered NSF procedures. " - For application in the mining facilities, Cement plants, quarries, sawmills, Automobile, Textiles, Plastic, Iron and Railway ... - For bearings, spindles, bearings, slides, chains, Rollers, gears, gearboxes and bearings : 300°C, heavy duty, shock, humidity. - PERMA Automatic Grease Pumps
- \* **LUBRICANTS LUBRICATION** :
- \* **HYDRAULIC OILS** : Mineral High Performance, High viscosity index ; with high detergency and dispersing ; difficult Flammable Biodegradable Plant-Based
- \* **OILS TRANSMISSION** : Gearbox (manual and automatic), bridges

PNEUMATIC EQUIPMENT

Cylinders



Distributors



Fittings



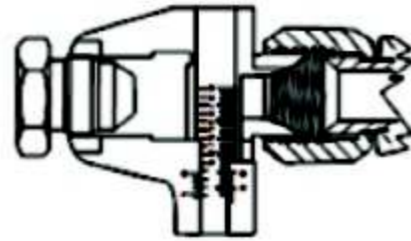
GAUGES



## HYDRAULIC COMPONENTS

### HOW TO DETERMINE THE THREAD TYPE USING CALLIPERS

By measuring with a callipers the outside diameter of the thread of a male or the inside diameter of the thread of a female you will get a measuer in mm. By finding this value in mm on the below table, you'll be able to find the relevant thread type.



Male OD	mm	Female ID	Male OD	mm	Female ID
	8.7	G1/8" BSP		27.9	1 3/16" - 12 JIC
1/8" - 27 NPTF	9.5			28.0	M 30 x 2
G1/8" BSP	9.5			28.5	30 x 1.5 DKF
M 10 x 1	9.8		M 30 x 2	29.8	
	9.9	7/16" - 20 JIC	30 x 1.5 CEF	29.9	
	10.5	M 12 x 1.5	1 3/16" - 12 JIC	30.1	
7/16" - 20 JIC	11.0			30.7	G1" BSP
	11.4	1/2" - 20 SAE		31.2	1 5/16" - 12 JIC
	11.6	G1/4" BSP	1" - 11 1/2 NPTF	31.4	
M 12 x 1.5	11.9			31.5	M 33 x 1.5
1/4" - 18 NPTF	12.5		G1" BSP	33.1	
	12.5	M 14 x 1.5	1 5/16" - 12 JIC	33.2	
1/2" - 20 SAE	12.6			34.0	M 35 x 2
	12.9	9/16" - 18 JIC		34.5	35 x 1.5 DKF
G1/4" BSP	13.0		M 35 x 2	35.8	
M 14 x 1.5	13.9		35 x 1.5 CEF	35.9	
9/16" - 18 JIC	14.2			36.5	M 38 x 1.5
	14.5	M 16 x 1.5	M 38 x 1.5	37.9	
	15.1	G3/8" BSP		38.8	1 5/8" - 12 JIC
M 16 x 1.5	15.8			39.4	G1 1/4" BSP
3/8" - 18 NPTF	15.9			39.8	M 42 x 2
	15.5	M 18 x 1.5	1 1/4" - 11 1/2 NPTF	40.2	
G3/8" BSP	15.6			40.5	M 42 x 1.5
	17.5	3/4" - 16 JIC	1 5/8" - 12 JIC	41.1	
M 18 x 1.5	17.9		1 1/4" - 11 BSP	41.7	

### Distributors Vickers (Eaton)

Size	Family Model Code	Description	Rated Pressure (Bar)	Rated Flow (LPM)
D02	D02			
	DG4V-02-10 Design	Solenoid operated	250	30
	DG2V-2; DG17V-2; DG21V-2	Mechanical actuated	250	30
D03	D03			
	DG4V3S -60 Design	Solenoid operated	350	40
	DG4V3 -60 Design	Solenoid operated	350	80
	DG4V3 -70 Design	Solenoid operated	350	80
	DG3/4VP-3	Solenoid operated	315	20
	DG4V-3S; EN 490	Solenoid operated	350	40
DG2V-3; DG3V-3; DG17V-3; DG18V-3; DG20V-3; DG21V-3	Mechanical actuated	350	80	
D05	D05			
	DG4S4 -60 Design	Solenoid operated	250	95
	DG4V4 -60 Design	Solenoid operated	315	115
	DG4V5 -20 Design	Solenoid operated	315	120
	DG1V4 & DG17V4	Mechanical actuated	315	115
DG2S2; DG16S2	Mechanical actuated	210	76	
D05 (two-stage)	D05 (two-stage)			
	DG3V5; DG5V-5	Solenoid/pilot operated	315	160
	DG5S4-02	Solenoid operated	210	115
DG3S4-02	Pilot operated	210	115	
D07 (two-stage)	D07 (two-stage)			
	DG3V7; DG5V-7	Solenoid/pilot operated	350	300
	DG5S4-04	Solenoid operated	210	230
DG3S4-04	Pilot operated	210	230	
D08 (two-stage)	D08 (two-stage)			
	DG3V-8; DG5V-8	Solenoid/pilot operated	350	700
	DG3S-8; DG5S-8	Solenoid/pilot operated	210	380
	DG17S-8	Mechanical actuated	210	380
DG17V-8	Mechanical actuated	350	700	
D10 (two-stage)	D10 (two-stage)			
	DG3V10; DG5V-10	Solenoid/pilot operated	350	1100
DG17V-10	Mechanical actuated	350	1100	

MODULAR PRESSURE CONTROL

SystemStak  
Modular Valves



These compact hydraulic systems feature modular valves that are "sandwich" mounted between a directional control valve and a standard mounting surface. All circuit flow paths are contained within the control valve and modules. These valves provide a compact hydraulic circuit at interconnecting piping. Each valve "stack" can be configured to provide the specific system functions

**Benefits & Customer Values**

- \* Design flexibility
- \* Reduced system space
- \* Cost-effective
- \* Versatile and easy to install
- \* Rugged and reliable
- \* Easy to service

**Specs**

- \* Size \*Ng4 \* B (DO2-08)
- \* Rated pressure up to 315 bar/4500 psi
- \* Rated flow up to 90 GPM/340 LPM
- \* Function \* relief, reducing sequence, check, PO check, throttle counterbalance

Pressure control Valves



Pressure control valves perform pressure relieving, reducing, sequencing, and unloading control. Both subplate and in-line mounting types are available with various control types including remote, multiple pressure, and venting

**Benefits & Customer Values**

- \* Choice of four adjustment control ranges
- \* Solenoid venting function
- \* Pressure override optimized
- \* Low off-load power wastage.
- \* Low installed cost and space

**Specs**

- \* Rate pressure up to - 350 bar/5000 psi
- \* Rated flow up to - 400 LPM/106 GPM

HYDRAULIC HOSE AND FITTINGS



HYDRAULIC SEALS



O-Rings



PNEUMATIC SEALS

