

COUPLINGS

NUVO - COUPLINGS





TABLE OF CONTENTS

Introduction.....	2
COUPLINGS.....	5..9
<i>FLAT FACE SERIES.....</i>	<i>6</i>
<i>SCREW TYPE SERIES.....</i>	<i>7</i>
<i>POPPET/BALLS SERIES.....</i>	<i>8</i>
<i>WATER COUPLER SERIES.....</i>	<i>9</i>
COUPLINGS CAPS & PLUGS.....	11..14
<i>FLAT FACE SERIES.....</i>	<i>12</i>
<i>SCREW TYPE SERIES.....</i>	<i>13-14</i>
<i>POPPET/BALLS SERIES.....</i>	<i>14</i>
OTHERS.....	16
<i>MULTI-COUPLINGS.....</i>	<i>16</i>



FLAT FACE SERIES

FFN

(ISO16028)
 Pressure Range: 3,675PSI-4,630PSI
 Body: Carbon steel
 Threads: NPT & BSP
 Sizes: 1/4" thru 2"



HPFFN

(ISO16028)
 Pressure Range: 6,100PSI-7,350PSI
 Body: Carbon steel
 Threads: NPT, SAE, JIC & BSPP
 Sizes: 1/4" thru 1"



SSHPPFN

(ISO16028)
 Pressure Range: 4,200PSI-7,000PSI
 Body: 316 Stainless steel
 Threads: NPT, SAE & BSP
 Sizes: 1/4" thru 1"



UHPFFN

(ISO 16028)
 Pressure Range: 10,000 PSI
 Body: Carbon steel
 Threads: NPT & BSP
 Sizes: 1/4" and 3/8"



DC & DN

Pressure Range: 6,000PSI
 Body: Carbon steel
 Threads: NPT & SAE
 Sizes: 1/4"



FLAT FACE SCREW TYPE SERIES

HDFFN

Pressure Range: 5,700PSI-9,000PSI

Body: Carbon steel
 Threads: NPT, SAE, BSPP, DIN & Code 62
 Sizes: 1/4" thru 2"



SCREW TYPE SERIES

<p>FB Pressure Range: 2,500PSI-3,000PSI</p> <p>Body: Brass Threads: NPT Sizes: 3/4" thru 1 1/2"</p> 	<p>HDFB Pressure Range: 5,000PSI</p> <p>Body: Carbon steel Threads: NPT Sizes: 3/4" thru 2"</p> 	<p>VIV1 Pressure Range: 2,200PSI-3,000PSI</p> <p>Body: ZN-Fe (CRIII) with brass hex sleeve Threads: NPT & BSPP Sizes: 1-1/4" thru 3"</p> 
<p>PVR Pressure Range: 4,000PSI-8,845PSI</p> <p>Body: Carbon steel Threads: BSPP Sizes: 3/8" thru 1-1/2"</p> 	<p>PVV Pressure Range: 2,940PSI-5,075PSI</p> <p>Body: Carbon steel Threads: NPT, BSPP & DIN Sizes: 1/4" thru 1-1/4"</p> 	<p>PVV/BH Pressure Range: 2,940PSI-4,410PSI</p> <p>Body: Carbon steel Threads: DIN Light & DIN Heavy Sizes: 1/4" thru 1-1/4"</p> 
<p>VV Pressure Range: 3,350PSI-5,100PSI</p> <p>Body: Carbon steel Threads: NPT & BSPP Sizes: 1/4" thru 1"</p> 	<p>VVS Pressure Range: 6,000PSI-11,600PSI</p> <p>Body: High resistant steel Threads: NPT & BSPP Sizes: 1/4" thru 1-1/4"</p> 	<p>SSVVS Pressure Range: 2,900PSI-15,000PSI</p> <p>Body: 316 Stainless steel Threads: NPT & BSPP Sizes: 1/4" thru 2"</p> 
<p>BVVM Pressure Range: 10,290PSI</p> <p>Body: High Resistant steel Threads: NPT & BSPP Sizes: 1/4" thru 3/8"</p> 	<p>PVVM Pressure Range: 10,290PSI</p> <p>Body: High Resistant steel Threads: NPT & BSPP Sizes: 1/4" thru 3/8"</p> 	<p>HPI Pressure Range: 10,000PSI</p> <p>Body: 316 Stainless steel Threads: NPT & BSPP Sizes: 1/4"</p> 

POPPET/BALL SERIES

ANV

(ISO 7241)
 Pressure Range: 3,000PSI-5,145PSI
 Body: Carbon steel
 Threads: NPT, SAE & BSP
 Sizes: 1/4" thru 2"



NS

Pressure Range: 2,940PSI-4,410PSI
 Body: Carbon steel
 Threads: NPT & SAE
 Sizes: 1/4" thru 1"



NV/PV

Pressure Range: 3,675PSI-5,145PSI
 Body: Carbon steel
 Threads: NPT & SAE
 Sizes: 1/4" thru 1"



2NS/PS

Pressure Range: 2,490PSI
 Body: Carbon steel
 Threads: NPT, BSPP & Metric
 Sizes: 1/2"



HNV

(ISO 7241-B)
 Pressure Range: 3,675PSI-7,250PSI
 Body: Carbon steel
 Threads: NPT
 Sizes: 1/8" thru 1"



HNVB

(ISO 7241-B)
 Pressure Range: 2,000PSI-3,000PSI
 Body: Brass
 Threads: NPT
 Sizes: 1/4" thru 1"



SSHNV

(ISO 7241-B)
 Pressure Range: 2,200PSI-5,000PSI
 Body: 316 Stainless Steel
 Threads: NPT
 Sizes: 1/4" thru 1"



VHN/PHN

Pressure Range: 1,500PSI-6,500PSI
 Body: Carbon Steel
 Threads: NPT
 Sizes: 1/4" thru 2"



TC

Pressure Range: 10,000PSI
 Body: Carbon Steel
 Threads: NPT
 Sizes: 3/8"








WATER COUPLER SERIES


<p>SSBST Pressure Range: 1,700PSI-4,200PSI Body: 303 Stainless Steel Threads: NPT Sizes: 1/4" thru 1-1/4"</p>	<p>BST Pressure Range: 1,700PSI-4,200PSI Body: Brass Threads: NPT Sizes: 1/4" thru 1-1/4"</p>	<p>ST Pressure Range: 1,700PSI-4,200PSI Body: Steel Threads: NPT Sizes: 1/4" thru 1-1/4"</p>
		
<p>CRS Pressure Range: 15,000PSI Body: 316 Stainless Steel Threads: NPT Sizes: 1/2"</p>	<p>WB Pressure Range: 10,000PSI Body: Carbon steel & Stainless Steel Threads: NPT Sizes: 1/2"</p>	
		





FLAT FACE & FLAT FACE SCREW TYPE CAPS & PLUGS

<p>TFFFN</p> <p>Rubber cap for flat face male nipple. Sizes: 1/4", 1/2", 3/4", 1", 1-1/4"</p> 	<p>TMFFN</p> <p>Rubber plug for flat face female coupler. Sizes: 1/4", 1/2", 3/4", 1", 1-1/4"</p> 	<p>HDTFFFN</p> <p>Aluminum plug for flat face screw type female coupler. Sizes: 1/4" thru 2"</p> 
<p>HDTMFFN</p> <p>Aluminum plug for flat face screw type female coupler. Sizes: 1/4" thru 2"</p> 	<p>Also available in the following colors; Green, Red and Blue for FFN & HDTFFFN</p> 	









SCREW TYPE CAPS & PLUGS

<p>TFFB</p> <p>Brass cap for screw type male nipple. Sizes: 3/4" thru 1-1/2"</p> 	<p>TMFB</p> <p>brass plug for screw type female coupler. Sizes: 3/4" thru 1-1/2"</p> 	<p>TFFBx/xS</p> <p>Aluminum cap for screw type male nipple. Sizes: 3/4" thru 2"</p> 
<p>TMFBx/xS</p> <p>Aluminum plug for screw type female coupler. Sizes: 3/4" thru 2"</p> 	<p>TFPVV</p> <p>Plastic cap for screw type female coupler. Sizes: 1/4" thru 1-1/4"</p> 	<p>TMPVV</p> <p>Plastic plug for screw type male nipple. Sizes: 1/4" thru 1-1/4"</p> 
<p>TFPVVx/xS</p> <p>Aluminum cap for screw type female coupler. Sizes: 1/4" thru 1-1/4"</p> 	<p>TMPVVx/xS</p> <p>Aluminum plug for screw type male nipple. Sizes: 1/4" thru 1-1/4"</p> 	<p>TFVIV1</p> <p>Aluminum cap for screw type male nipple. Sizes: 1-1/4" thru 3"</p> 
<p>TMVIV1</p> <p>Aluminum plug for screw type female coupler. Sizes: 1-1/4" thru 3"</p> 	<p>TFV</p> <p>Aluminum cap for screw type male nipple. Sizes: 1/4" thru 1"</p> 	<p>TMV</p> <p>Aluminum plug for screw type female coupler. Sizes: 1/4" thru 1"</p> 

SCREW TYPE CAPS & PLUGS

<p>TFP</p> <p>Aluminum cap for screw type male nipple. Sizes: 1/4" & 3/8"</p>	<p>TMP</p> <p>Aluminum plug for screw type female coupler. Sizes: 1/4" & 3/8"</p>
	

POPPET STYLE CAPS & PLUGS

<p>TFA</p> <p>Rubber cap for poppet style male nipple. Sizes: 1/4" thru 1"</p>	<p>TMA</p> <p>Rubber plug for poppet style female coupler. Sizes: 1/4" thru 1"</p>	<p>TFHS</p> <p>Aluminum cap for poppet style male nipple. Sizes: 1/4" thru 1"</p>
		
<p>TMHS</p> <p>Aluminum plug for poppet style female nipple. Sizes: 1/4" thru 1"</p>	<p>TFH</p> <p>Rubber cap for poppet style male nipple. Sizes: 1/4" thru 1"</p>	<p>TMH</p> <p>Rubber plug for poppet style female coupler. Sizes: 1/4" thru 1"</p>
		
<p>TFTNV</p> <p>Rubber cap for poppet style male nipple. Sizes: 1/4" thru 2"</p>	<p>TMTNV</p> <p>Rubber plug for poppet style female coupler. Sizes: 1/4" thru 2"</p>	
		

MAJOR INTERCHANGES

● FFN

Parker FE
Tomco FE
Perfecting HT
Stucchi A & FIRG
Faster 2FFI
Aeroquip FD89
Snap Tite 74

● HPFFN

Parker FE
Tomco FE
Perfecting HT
Stucchi A & FIRG
Faster 2FFI
Aeroquip FD89
Snap Tite 74

● SSHPPFN

Parker FE
Tomco FE
Perfecting HT
Stucchi FL
Faster FF/2EFFI
Aeroquip FD89
Snap Tite 74

● UHPFFN

Parker FH
Tomco FF
Aeroquip FD89

● DC & DN

Parker PD
Faster DF
Dixon PD
Aeroquip FD60
Tomco DK

● HDFFN

Stucchi VEP

● FB

Parker 6100
Safeway S51
Dixon W
Tomco A51
Faster FB
Aeroquip 5100
Snap Tite 78

● HDFB

Dixon WS
Snap Tite 75
Hydraulics INC

● PVR

Roflex / Holmbury Series

● PVV

Faster CVV
TCH Germany 65
Voswinkel HS
Argus HDK

● PVV/BH

Faster CVV
TCH Germany 65
Voswinkel HS
Argus HDK

● VV

Faster VV

● VVS

Faster CVV

● SSVVS

Faster CVV

● BVVM/PVVM

Faster CVV

● HPI

Parker 1141

● ANV

Parker 6600
Tomco A5600
Dixon K
Stucchi BIR
Faster AN
Aeroquip 5600
Snap Tite 61

● NS

Parker 400
Aeroquip FD42
Snap Tite 76
Safeway S20
Faster N
Dixon AG
Stucchi IR

● NV

Parker 4000
Aeroquip FD42
Snap Tite 76
Safeway S20
Faster N
Dixon AG
Stucchi IRV

● 2NS/PS

Parker 4000
Aeroquip F72
Snap Tite 61
Safeway S40
Faster 3CPU
Dixon AG
Stucchi IRS

● HNV

Parker 60
Tomco THK
Dixon H
Stucchi IRB
Faster HN
Aeroquip FD45
Snap Tite 72
Safeway S10

● HNVB

Parker 60
Tomco THK
Dixon H
Stucchi IRB
Faster HN
Aeroquip FD45
Snap Tite 72
Safeway S10

● SSHNV

Parker 60
Tomco THK
Dixon H
Stucchi IRB
Faster HN
Aeroquip FD45
Snap Tite 72
Safeway S10

● VHN & PHN

Faster TNV
Snap Tite H
Dixon V

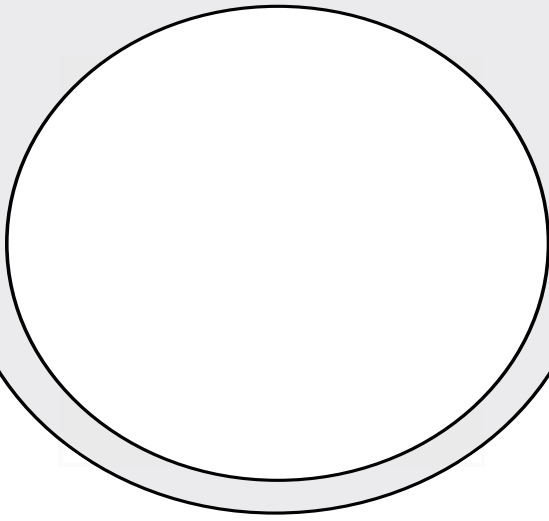
● TC

Parker TC
Eaton FD35

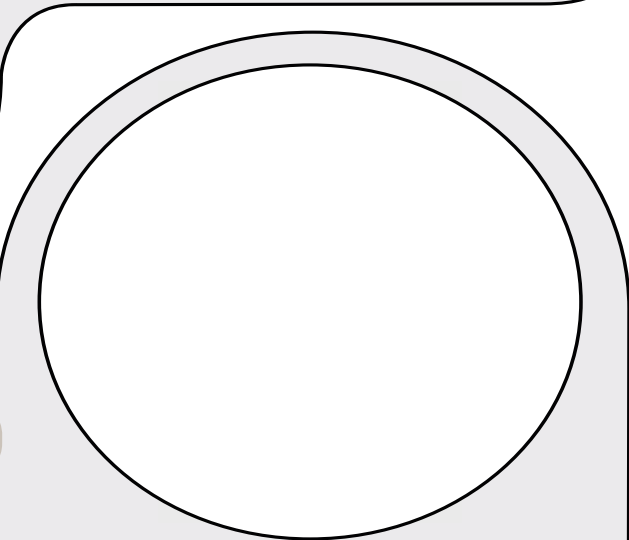
MULTI-COUPPLINGS

Multi-Couplings

Occlusion: flat face
Locking: lever with safety devices
Material: steel and aluminum
Finishing: Zn-Fe (Cr III)
Threads: BSP - NPT - SAE - METRICS
Standard seals: NBR and PU
Working temperature: -25°C +100°C
Optional seals: FKM, EPDM or more
Working pressure: 250 - 350 BAR
Connexion under pressure: allowed (mobile part only)
Max residual pressure: working pressure



Multi/1



Multi/2

Multi-Couplings

Occlusion: flat face
Locking: lever with safety devices
Material: steel and aluminum
Finishing: Zn-Fe (Cr III)
Threads: BSP - NPT - SAE - METRICS
Standard seals: NBR and PU
Working temperature: -25°C +100°C
Optional seals: FKM, EPDM or more
Working pressure: 250 - 350 BAR
Connexion under pressure: allowed (mobile part only)
Max residual pressure: working pressure

Couplings

2NS/PS.....	8
ANV.....	8
BST.....	9
BVVM.....	7
CRS.....	9
DC & DN.....	6
FB.....	7
FFN.....	6
HDFB.....	7
HDFFN.....	6
HNV.....	8
HNVB.....	8
HPFFN.....	6
HPI.....	7
NS.....	8
NV/PV.....	8
PVR.....	7
PVV.....	7
PVV/BH.....	7
PVVM.....	7
SSBST.....	9
SSHNV.....	8
SSHPPFN.....	6
SSVVS.....	7
ST.....	9
TC.....	8
UHPFFN.....	6
VHN/PHN.....	8
VIV1.....	7
VV.....	7
VVS.....	7
WB.....	9

Couplings Caps & Plugs

HDTFFFN.....	12
HDTMFFN.....	12
TFA.....	14
TFFB.....	13
TFFBx/xS.....	13
TFFFN.....	12
TFH.....	14
TFHS.....	14
TFP.....	14
TFPVV.....	13
TFPVVx/xS.....	13
TFTNV.....	14
TFV.....	13
TFVIV1.....	13
TMA.....	14
TMFB.....	13
TMFBx/xS.....	13
TMFFN.....	12
TMH.....	14
TMHS.....	14
TMP.....	14
TMPVV.....	13
TMPVVx/xS.....	13
TMTNV.....	14
TMV.....	13
TMVIV1.....	13

Others

MULTI/1.....	16
MULTI/2.....	16

Other Product Lines

NUVO - PRODUCTS

SWIVEL JOINTS

NUVO - SWIVELS



HYDRAULIC TUBING

NUVO - TUBES



PROTECTIVE GUARDS
& SLEEVES

NUVO - GUARDS



Adapters Complete Series

NUVO - CONNECTIONS



Tube Support
& Super Band Clamps

NUVO - CLAMPS



HYDRAULIC HOSES

NUVOFLEX

