

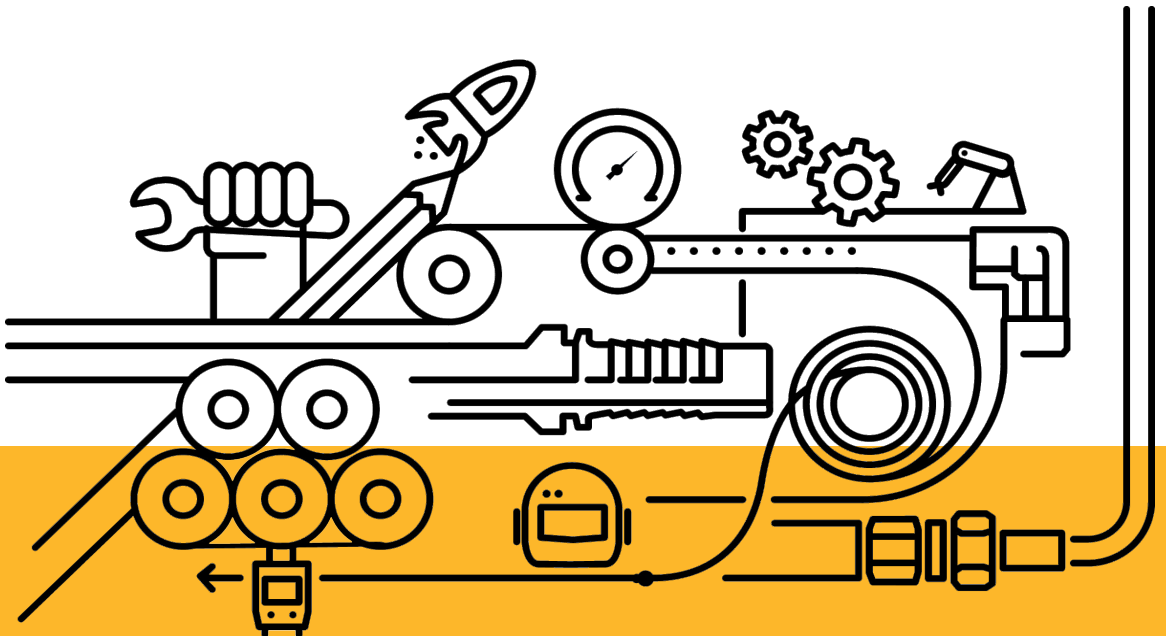




# Vitillo

Hydraulic Components

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We feel better under pressure

## Hoses



## Press fittings ISO 12151 SAE J516



## BSP adaptors BS 5200



## JIC adaptors SAE J514



## DIN 24° adaptors DIN 2353



## ORFS adaptors ORFS J1453



# Kompletna oferta produktowa

Vitillo jest rozwiązaniem na wszystkie problemy związane z zastosowaniem hydrauliki siłowej.

Węże spiralne i plecione z metalowym opłotem, końcówki standardowe, interlock, BSP, JIC, ORFS i specjalne.

Wszystkie końcówki dostępne w wersjach: Zinc chromium III plating nikło-ocynk, oraz stal nierdzewna.

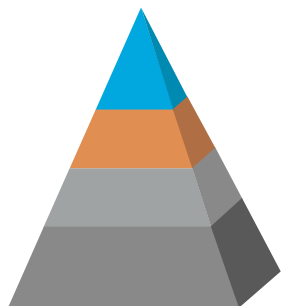
Na każde zapytanie klienta, odpowiedzią jest Vitillo.

# Alternatywne wersje

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## Zinc Chromium III

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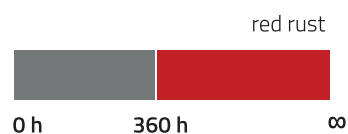


01. Sealing Layer

02. Passivation

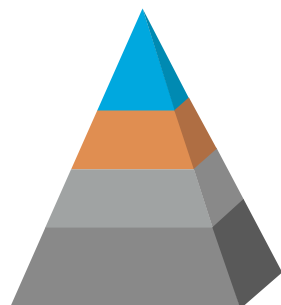
03. Zinc Cr III

04. Carbon Steel



## Niko Ocynki

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01. Sealing Layer

02. Passivation

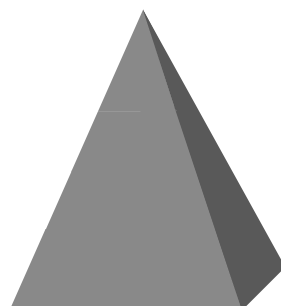
03. Zinc Cr III

04. Carbon Steel



## Stal Nierdzewna

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01. Stainless Steel





# Zastosowanie

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# Wysoka wydajność w ekstremalnych warunkach



# Certyfikaty

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▼  
MINE SAFETY AND HEALTH  
ADMINISTRATION  
(MSHA)

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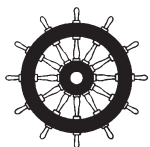
▼  
DET NORSKE VERITAS (DNV)  
GERMANISCHER LLOYD (GL)

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▼  
RINA (Registro Navale Italiano)

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▼  
MarED

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▼  
GOST-R

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AC 149



HAMILTON

▼  
J.S. Hamilton Poland Sp. z o.o. –  
Jednostka Certyfikująca

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EN 45545



▼  
UNI EN 45545-2

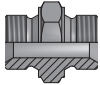
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BSPP - BSPP - Male - Male

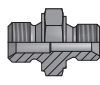
**ANGG**  
ADAPTOR MALE BSPP  
-MALE BSPP

Pg. 15



**ARGG**  
REDUCING ADAPTOR  
M. BSPP - M. BSPP

Pg. 16



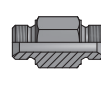
**ANGG...P**  
STRAIGHT BULKHEAD  
ADAPTOR BSPP

Pg. 18



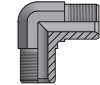
**APMMG**  
ADAPTOR M. BSPP -  
MALE BSPP

Pg. 19



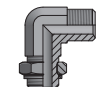
**LMG**  
90° ADAPTOR BSPP  
MALE - BSPP MALE

Pg. 20



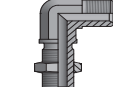
**LMG...MOG**  
90° ADJUST.ADAPTOR  
M. BSPP - M. BSPP

Pg. 21



**LPPMG**  
MALE BULKHEAD  
ELBOW-BSPP MALE

Pg. 22



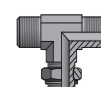
**TMG**  
TEE MALE  
ADAPTOR BSPP

Pg. 23



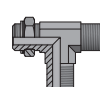
**TMG...MOG.P**  
ADJUST. TEE M. BSPP  
- M. BSPP

Pg. 24



**TMG...MOG.B**  
ADJUST. TEE MALE  
BSPP - MALE BSPP

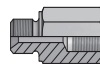
Pg. 25



BSPP - BSPP - Male - Female

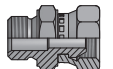
**APMFG**  
ADAPTOR M. BSPP -  
FIXED F. BSPP

Pg. 25



**AMFDG**  
ADAPTOR M. BSPP -  
SWIVEL F. BSPP

Pg. 28



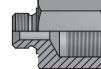
**ARMFC**  
REDUCING PLUG M.  
BSPP - FIXED F. BSPP

Pg. 29



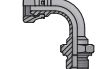
**ARMFL**  
REDUCING ADAP. M.  
BSPP - FIXED F. BSPP

Pg. 32



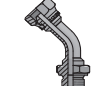
**AMF90G**  
90° ADAPTOR M. BSPP  
- SWIVEL F. BSPP

Pg. 34



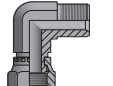
**AMF45G**  
45° ADAPTER M. BSPP  
SWIVEL F. BSPP

Pg. 35



**LMG...FGG**  
90° ADAPTOR M. BSPP  
- SWIVEL F. BSPP

Pg. 36



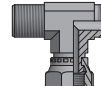
**TMG...FGG.B**  
RUN TEE M. BSPP -  
SWIVEL F. BSPP

Pg. 37



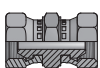
**TMG...FGG.P**  
BRANCH TEE M. BSPP  
- SWIVEL F. BSPP

Pg. 38



**AFFDG**  
ADAPTER SWIVEL F.  
BSPP SWIVEL F. BSPP

Pg. 39



**AFF90G**  
90° ADAP.SWIVEL F.  
BSPP SWIVEL F. BSPP

Pg. 40



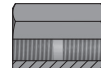
**AFF45G**  
45° ADAP. SWIVEL F.  
BSPP SWIVEL F. BSPP

Pg. 41



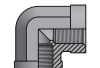
**APFFG**  
ADAP. FIXED F. BSPP  
- FIXED F. BSPP

Pg. 42



**LFFG**  
90° ADAP. FIXED F.  
BSPP - FIXED F. BSPP

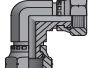
Pg. 43



BSPP - BSPP - Female - Female

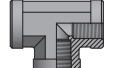
**LFFG**  
90° SWIVEL FEMALE  
ADAPTER BSPP

Pg. 44



**TFFG**  
TEE ADAP. FIXED F. BSPP-  
FIXED F. BSPP-M. BSPT

Pg. 45



**TFGG**  
TEE FEMALE BSPP

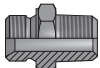
Pg. 46



BSPT - Male - Male

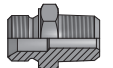
**ANGK**  
ADAPTER MALE BSPP  
MALE BSPT

Pg. 47



**ARGK**  
REDUCING ADAP. M.  
BSPP - M. BSPT

Pg. 48



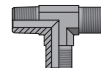
**LMGK...MG**  
90° ADAP.M. BSPP - M.  
BSPT

Pg. 49



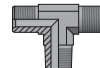
**TMG...MGK.B**  
RUN TEE M. BSPP -  
M. BSPT

Pg. 50



**TMG...MGK.P**  
BRANCH TEE M. BSPP-  
M. BSPT

Pg. 51



## Visual index

BSPT - Female - Male

### LMGK...FFG

90° ADAP. M BSPT-  
FIXED F. BSPP  
Pg. 52



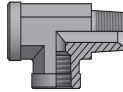
### LMGK...FGG

90° ADAP. M. BSPT  
- SWIVEL F. BSPP  
Pg. 53



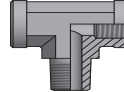
### TFFG...MGK..B

TEE ADAP. FIXED F.  
BSPP - M. BSPT  
Pg. 54



### TFFG...MGK..P

TEE ADAP. FIXED F.  
BSPP- FIXED F. BSPP  
Pg. 55



BSPP - NPT - Male

### ANGNPT

ADAPTER MALE  
BSPP - MALE NPT  
Pg. 56



### LMG...MN

90° ADAP. M. BSPP  
- M. NPT  
Pg. 57



### TMG...MN.B

RUN TEE MALE BSPP -  
MALE NPT  
Pg. 58



### TMG...MN.P

BRANCH TEE MALE  
BSPP - MALE NPT  
Pg. 59



BSPP - NPT - F.-M.

### LMN...FGG

90° ADAP. M. NPT -  
SWIVEL F. BSPP  
Pg. 60



BSPP - M. - Male

### ARGM

REDUCING ADAP.  
M. BSPP - M. MALE  
Pg. 61



BSPP - M - F.

### AMFDGM

ADAPTER M. BSPP  
METRIC SWIVEL F.  
Pg. 63



### ARMFCM

REDUCING PLUG M.  
MALE - FIXED F. BSPP  
Pg. 64



### ARMFLM

RED. ADAP. METRIC  
M.- METRIC FIXED F.  
Pg. 65



BSPP - METRIC - F.-M.

### ARMFCM

RED. PLUG M. BSPP -  
METRIC FIXED F.  
Pg. 66



### ARMFLM

RED. ADAPTER M. BSPP  
- METRIC FIXED F.  
Pg. 67



BSPT Male

### ANKK

ADAPTER MALE BSPT -  
MALE BSPT  
Pg. 68












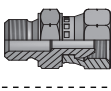

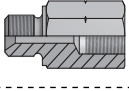





### LMGK





























90° ADAPTER MALE  
BSPT- MALE BSPT  
Pg. 69



# Visual index

NPT - NPT	<b>LMN</b> 90° ADAPTER MALE NPT- MALE NPT Pg. 70 				
	NPT - NPT - M-F	<b>LMN...FFN</b> 90° ADAPTER M.NPT- FIXED FEMALE NPT Pg. 71 		<b>TFFN...MN.P</b> TEE FIXED ADAPTER F. NPT - M. NPT - F. NPT Pg. 72 	
NPT - NPT - F.F.		<b>LFFN</b> 90° ADAPTER FIXED F. NPT - FIXED F. NPT Pg. 74 		<b>TFFN</b> TEE FIXED FEMALE ADAPTER NPT Pg. 75 	
	METRIC - METRIC - M-M	<b>ANMM</b> METRIC MALE ADAPTER Pg. 76 		<b>ARMM</b> REDUCING METRIC MALE ADAPTER Pg. 77 	
METRIC - METRIC - M-M		<b>LMM</b> 90° ADAPTER MALE M MALE METRIC Pg. 79 		<b>LMM...MOMR</b> 90° ADJUSTABLE ME- TRIC M.-METRIC M. Pg. 80 	
	METRIC - METRIC - M-M	<b>TMM</b> ADAPTEUR "T" MALE METRIQUE Pg. 81 		<b>TMM...MOMR..P</b> ADJUSTABLE TEE .M. MALE- METRIC M. Pg. 82 	
METRIC - METRIC - M-F		<b>AMFDM</b> ADAP. MALE M. - M. SWIVEL F. Pg. 84 		<b>AMF90M</b> 90° ADAP.METRIC M.- METRIC SWIVEL F. Pg. 85 	
	METRIC - METRIC - M-F	<b>APMFM</b> METRIC MALE ADAP. - METRIC FIXED FEMALE Pg. 87 		<b>ARMFLM</b> ADAP. METRIC M.- METRIC FIXED F. Pg. 88 	
METRIC - METRIC - M-F		<b>LMN...FGM</b> 90° ADAPTER METRIC M.- METRIC SWIVEL F. Pg. 89 		<b>TMM...FGM..B</b> RUN TEE METRIC M. - METRIC SWIVEL F. Pg. 90 	

# Visual index

METRIC - METRIC - F-F	<p><b>AFFDM</b> ADAP. METRIC SWIVEL F.- METRIC SWIVEL F. Pg. 92</p> 	<p><b>AFF90M</b> 90° ADAP. METRIC SWIVEL F.-METRIC SWIVEL F. Pg. 93</p> 	<p><b>AFF45M</b> 45° ADAP. M. SWIVEL F. - METRIC SWIVEL F. Pg. 94</p> 	<p><b>APFFM</b> ADAP. METRIC FIXED F. - METRIC FIXED F. Pg. 95</p> 	<p><b>LFGM</b> 90° METRIC SWIVEL F. ADAPTER Pg. 96</p> 
	<p><b>TFGM</b> TEE METRIC FEMALE Pg. 97</p> 				
PLUG	<p><b>ATMG</b> MALE PLUG BSPP Pg. 98</p> 	<p><b>ATFG</b> SWIVEL FEMALE PLUG BSPP Pg. 99</p> 	<p><b>ATMM</b> METRIC MALE PLUG Pg. 100</p> 	<p><b>ATFM</b> SWIVEL METRIC FEMALE PLUG Pg. 101</p> 	<p><b>AMNS...T</b> WELDING ADAPTER BSPP Pg. 102</p> 
	<p><b>AMNS</b> METRIC WELDING ADAPTER BSPP Pg. 103</p> 	<p><b>AMNSM</b> METRIC WELDING ADAPTER BSPP Pg. 104</p> 	<p><b>AMNSM...T</b> METRIC WELDING ADAPTER BSPP Pg. 105</p> 		
WELDING	<p><b>ATSG</b> WELDING UNION MALE BSPP Pg. 106</p> 	<p><b>ATSM</b> WELDING METRIC UNION MALE Pg. 107</p> 	<p><b>ABSG</b> WELDING STUD BSPP Pg. 108</p> 	<p><b>ABSM</b> METRIC WELDING STUD Pg. 109</p> 	
	<p><b>AOSG</b> WELDING BANJO BSPP Pg. 110</p> 	<p><b>AOSM</b> METRIC WELDING BANJO Pg. 111</p> 	<p><b>AOFG</b> BANJO BSPP - MALE BSPP Pg. 113</p> 	<p><b>AOFGM</b> BANJO BSPP - METRIC MALE Pg. 114</p> 	<p><b>AOFMG</b> METRIC BANJO - MALE BSPP Pg. 115</p> 
BANJO	<p><b>AOFG...B</b> BANJO BSPP - MALE BSPP WITH GUIDE Pg. 116</p> 	<p><b>AOFM</b> METRIC BANJO METRIC MALE Pg. 117</p> 	<p><b>AOM...L</b> METRIC BANJO - MALE DIN 24° Pg. 118</p> 	<p><b>AOG...L</b> BANJO BSPP - MALE DIN 24° Pg. 119</p> 	<p><b>AOG...PDL</b> BANJO BSPP WITH STANDPIPE Pg. 120</p> 

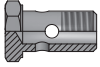
## Visual index

BOLT

### **ABFG**

**BSPP BOLT**

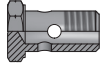
Pg. 121



### **ABFM**

**METRIC BOLT**

Pg. 122



### **ABFDG**

**DOUBLE BSPP BOLT**

Pg. 123



### **ABFDM**

**90° ADAPTER METRIC  
MALE - METRIC MALE**

Pg. 124



Notatka:

Vitillo Spa oferuje szeroki wachlarz końcówek oraz złączy. Jeśli poszukujesz innej kombinacji gwintów, której tutaj nie znalazłeś, sprawdź również pozostałe katalogi lub zapytaj w naszym Dziale Technicznym.

Np. Dla złączy JIC-BSP sprawdź katalog JIC

**Vitillo Spa offers a wide range of fittings and adaptors. If you have not found here the threads combination you were looking for, please check also in the other catalogues or ask to our Technical Staff.**

**Ex. For adapter Jic to Bsp check Jic Catalog**

Złącza z tej serii są przeznaczone do hydraulicznych zastosowań przemysłowych, hydraulicznych i pneumatycznych, ale także do wszystkich typów systemów, które zapewniają wysokie ciśnienie robocze. Połączenie pomiędzy komponentami męskimi i żeńskimi odbywa się za pomocą metalowej uszczelki, która jest oznaczona na stożku 60° obecnym na produktach. Wielkość jest produkowana zgodnie z ISO 8434-6 i BS 5200

Maksymalne ciśnienia robocze wyrażone w niniejszym katalogu odnoszą się do złączy bez pierścieni uszczelniających typu o-ring, w przypadku zespołów, w których stosuje się pierścienie uszczelniające typu o-ring na stożku, należy uwzględnić ciśnienia wyrażone w poniższej tabeli.

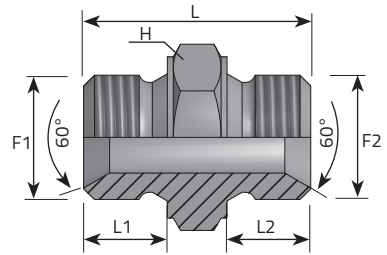
**The adapters of this series are constructed for hydraulic industrial applications, hydraulic and pneumatic and however for all types of systems that provide for high operating pressures.**

**The connection between the male and female components takes place via a metal seal, which is determined on the conical 60° seat present on the products.**

**The sizing of the seat is manufactured according to ISO 8434-6 and BS 5200. The maximum operating pressures expressed in this catalog refer to coupling without O-ring, for assemblies that include the use of O-rings on the cone consider the pressures expressed in the table below.**

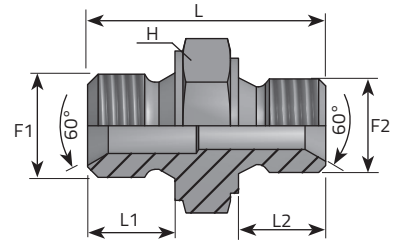
	Bar	Psi
<b>Maksymalne ciśnienie robocze dla stożka 60° z o-ringiem</b>		
1/8"	--	--
1/4"	400	5800
3/8"	400	5800
1/2"	350	5075
<b>Maximum working pressure for 60° cone connection with O-ring</b>		
5/8"	350	5075
3/4"	315	4568
1"	250	3625
1.1/4"	200	2900
1.1/2"	160	2320
2"	125	1813

## ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ANGG0202	1/8"	1/8"	14	9.5	9.5	25	350	5075
ANGG0404	1/4"	1/4"	19	11	11	29	350	5075
ANGG0606	3/8"	3/8"	22	12.5	12.5	34	350	5075
ANGG0808	1/2"	1/2"	27	14	14	38	315	4568
ANGG1010	5/8"	5/8"	30	16	16	42	315	4568
ANGG1212	3/4"	3/4"	32	16	16	42	250	3625
ANGG1616	1"	1"	41	18	18	48	200	2900
ANGG2020	1.1/4"	1.1/4"	50	20	20	54	160	2320
ANGG2424	1.1/2"	1.1/2"	55	21	21	57	125	1813
ANGG3232	2"	2"	70	25	25	67	80	1160

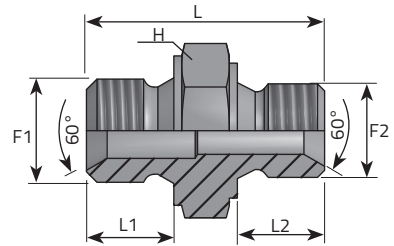
## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP (1)



Code	Thread		Dimensions				Pressure	
	F1	F2	H mm	L1 mm	L2 mm	L mm	Bar	Psi
ARGG0402	1/4"	1/8"	19	11	9.5	27.5	350	5075
ARGG0602	3/8"	1/8"	22	12.5	9.5	30	350	5075
ARGG0604	3/8"	1/4"	22	12.5	11	31.5	350	5075
ARGG0804	1/2"	1/4"	27	14	11	35	315	4568
ARGG0806	1/2"	3/8"	27	14	12.5	36.5	315	4568
ARGG1006	5/8"	3/8"	30	16	12.5	38.5	315	4568
ARGG1008	5/8"	1/2"	30	16	14	40	315	4568
ARGG1204	3/4"	1/4"	32	16	11	37.5	250	3625
ARGG1206	3/4"	3/8"	32	16	12.5	38.5	250	3625
ARGG1208	3/4"	1/2"	32	16	14	40	250	3625
ARGG1210	3/4"	5/8"	32	16	16	43.5	250	3625
ARGG1606	1"	3/8"	41	18	12.5	42.5	200	2900
ARGG1608	1"	1/2"	41	18	14	44	200	2900
ARGG1610	1"	5/8"	41	18	16	46	200	2900
ARGG1612	1"	3/4"	41	18	16	46	200	2900

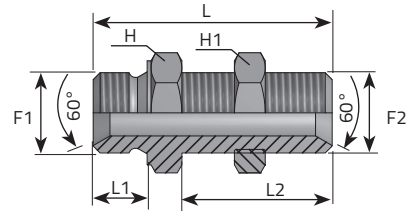


## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP (2)



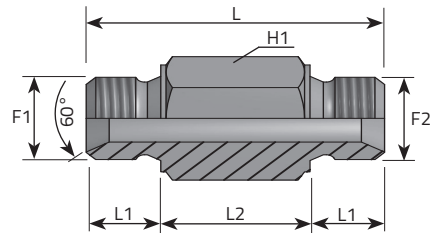
Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ARGG2008	1.1/4"	1/2"	50	20	14	48.5	160	2320
ARGG2012	1.1/4"	3/4"	50	20	16	50.5	160	2320
ARGG2016	1.1/4"	1"	50	20	18	52.5	160	2320
ARGG2412	1.1/2"	3/4"	55	22	16	53	125	1813
ARGG2416	1.1/2"	1"	55	22	18	55	125	1813
ARGG2420	1.1/2"	1.1/4"	55	22	20	57	125	1813
ARGG3216	2"	1"	70	25	18	60	80	1160
ARGG3220	2"	1.1/4"	70	25	20	60.5	80	1160
ARGG3224	2"	1.1/2"	70	25	21	63	80	1160

## PROSTA GRODZIOWA ZŁĄCZKA BSPP



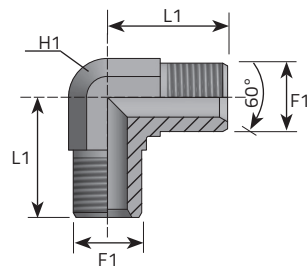
Code	Thread		Dimensions					Pressure	
	F1	F2	H	H1	L1	L2	L	Bar	Psi
			mm	mm	mm	mm	mm		
ANGG0404P	1/4"	1/4"	19	19	11	30	48	350	5075
ANGG0606P	3/8"	3/8"	22	22	12.5	35	55.5	350	5075
ANGG0808P	1/2"	1/2"	27	27	14	39	64	315	4568
ANGG1212P	3/4"	3/4"	32	36	16	46	73	250	3625
ANGG1616P	1"	1"	41	41	18	55.5	86	200	2900
ANGG2020P	1.1/4"	1.1/4"	50	50	20	44.5	81	160	2320
ANGG2424P	1.1/2"	1.1/2"	55	55	22	49	88	125	1813
ANGG3232P	2"	2"	70	70	24	54	95	80	1160

## ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP



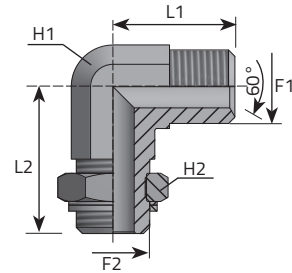
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	L mm	Bar	Psi
APMMG0404	1/4"	1/4"	19	11	26	48	350	5075
APMMG0606	3/8"	3/8"	22	12.5	25	50	350	5075
APMMG0808	1/2"	1/2"	27	14	28	56	315	4568
APMMG1212	3/4"	3/4"	32	16	40	72	250	3625
APMMG1616	1"	1"	41	18	49	85	200	2900
APMMG2020	1.1/4"	1.1/4"	50	20	58	98	160	2320

## 90° ZŁĄCZKA BSPP MĘSKA - BSPP MĘSKA



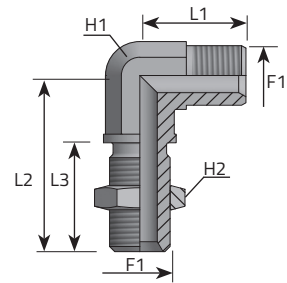
Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
LMG02	1/8"	14	22	350	5075
LMG04	1/4"	14	27	350	5075
LMG06	3/8"	19	29	350	5075
LMG08	1/2"	22	36.5	315	4568
LMG10	5/8"	27	36.5	315	4568
LMG12	3/4"	27	42	250	3625
LMG16	1"	33	50	200	2900
LMG20	1.1/4"	41	56	160	2320

## 90° NASTAWNA ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP



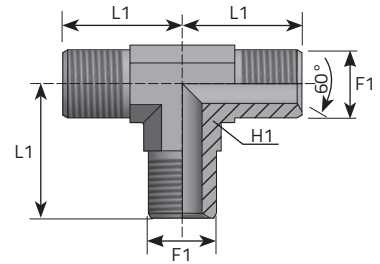
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
LMG02MOG02	1/8"	1/8"	14	14	22	26	350	5075
LMG02MOG04	1/8"	1/4"	14	19	22	34	350	5075
LMG04MOG04	1/4"	1/4"	14	19	26	34	350	5075
LMG04MOG06	1/4"	3/8"	19	19	28	37	350	5075
LMG06MOG06	3/8"	3/8"	19	22	29	37	350	5075
LMG06MOG08	3/8"	1/2"	22	27	29	45	315	4568
LMG08MOG08	1/2"	1/2"	22	27	36.5	45	315	4568
LMG08MOG12	1/2"	3/4"	27	36	38.5	48.5	250	3625
LMG12MOG08	3/4"	1/2"	27	27	42	48.5	250	3625
LMG12MOG12	3/4"	3/4"	27	36	42	48.5	250	3625
LMG12MOG16	3/4"	1"	33	41	47	53	200	2900
LMG16MOG16	1"	1"	33	41	50	53	200	2900
LMG20MOG20	1.1/4"	1.1/4"	41	50	56	60	160	2320

## GRODZIOWA KOLANO BSPP MĘSKA - BSPP MĘSKA



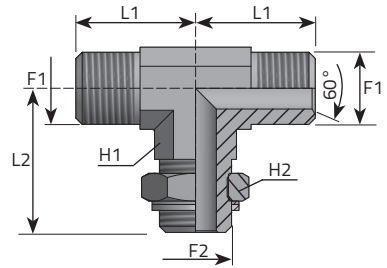
Code	Thread	Dimensions					Pressure	
		H1 mm	H2 mm	L1 mm	L2 mm	L3 mm	Bar	Psi
LPPMG04	1/4"	14	19	27	45	30	350	5075
LPPMG06	3/8"	19	22	29	52	34	350	5075
LPPMG08	1/2"	22	27	36.5	56.5	38	315	4568
LPPMG12	3/4"	27	36	42	66	44	250	3625
LPPMG16	1"	33	41	50	69	43	200	2900

## TRÓJNIK MĘSKI ZŁĄCZKA BSP



Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
TMG02	1/8"	14	22	350	5075
TMG04	1/4"	14	27	350	5075
TMG06	3/8"	19	29	350	5075
TMG08	1/2"	22	36.5	315	4568
TMG10	5/8"	27	36.5	315	4568
TMG12	3/4"	27	42	250	3625
TMG16	1"	33	50	200	2900
TMG20	1.1/4"	41	56	160	2320

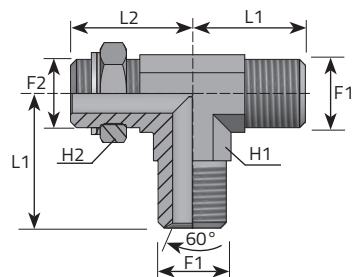
## TRÓJNIK NASTAWNY ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
TMG02MOG02P	1/8"	1/8"	14	19	21	26	350	5075
TMG02MOG04P	1/8"	1/4"	14	19	22.5	34	350	5075
TMG04MOG04P	1/4"	1/4"	14	19	26	34	350	5075
TMG04MOG06P	1/4"	3/8"	19	19	27	32	350	5075
TMG06MOG06P	3/8"	3/8"	19	22	29	37	350	5075
TMG06MOG08P	3/8"	1/2"	22	27	29	45	315	4568
TMG08MOG08P	1/2"	1/2"	22	27	36.5	45	315	4568
TMG08MOG12P	1/2"	3/4"	27	36	38	48.5	250	3625
TMG12MOG08P	3/4"	1/2"	27	27	42	48.5	250	3625
TMG12MOG12P	3/4"	3/4"	27	36	42	48.5	250	3625
TMG12MOG16P	3/4"	1"	33	41	47	53	200	2900
TMG16MOG16P	1"	1"	33	41	50	53	200	2900
TMG20MOG20P	1.1/4"	1.1/4"	41	50	56	60	160	2320

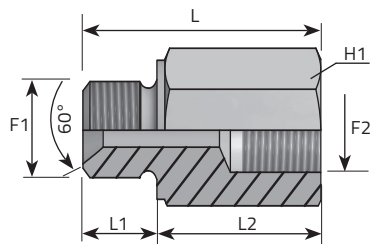


## TRÓJNIK NASTAWNY ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPP



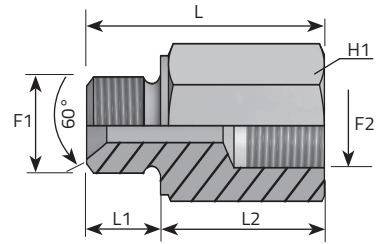
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
TMG02MOG02B	1/8"	1/8"	14	19	26	21	350	5075
TMG02MOG04B	1/8"	1/4"	14	19	34	22.5	350	5075
TMG04MOG04B	1/4"	1/4"	14	19	34	26	350	5075
TMG04MOG06B	1/4"	3/8"	19	19	32	27	350	5075
TMG06MOG06B	3/8"	3/8"	19	22	37	29	350	5075
TMG06MOG08B	3/8"	1/2"	22	27	45	29	315	4568
TMG08MOG08B	1/2"	1/2"	22	27	45	36.5	315	4568
TMG08MOG12B	1/2"	3/4"	27	36	48.5	38.5	250	3625
TMG12MOG08B	3/4"	1/2"	27	27	48.5	42	250	3625
TMG12MOG12B	3/4"	3/4"	27	36	48.5	42	250	3625
TMG12MOG16B	3/4"	1"	33	41	53	47	200	2900
TMG16MOG16B	1"	1"	33	41	53	50	200	2900
TMG20MOG20P	1.1/4"	1.1/4"	41	50	56	60	160	2320

## ZŁĄCZKA MĘSKA BSPP - STAŁA ŻEŃSKA BSPP (1)



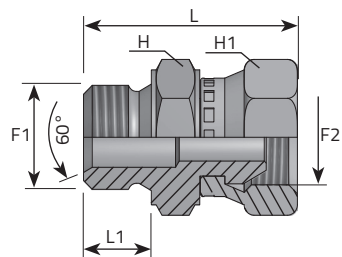
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	L mm	Bar	Psi
APMFG0230.5	1/8"	1/8"	14	9.5	21	30.5	350	5075
APMFG0433	1/4"	1/4"	19	11	22	33	350	5075
APMFG0442	1/4"	1/4"	19	11	31	42	350	5075
APMFG0450	1/4"	1/4"	19	11	39	50	350	5075
APMFG0455	1/4"	1/4"	19	11	44	55	350	5075
APMFG0635	3/8"	3/8"	22	12.5	22.5	35	350	5075
APMFG0639	3/8"	3/8"	22	12.5	26.5	39	350	5075
APMFG0642	3/8"	3/8"	22	12.5	29.5	42	350	5075
APMFG0654	3/8"	3/8"	22	12.5	41.5	54	350	5075
APMFG0840	1/2"	1/2"	27	14	26	40	315	4568
APMFG0845	1/2"	1/2"	27	14	31	45	315	4568
APMFG0850	1/2"	1/2"	27	14	36	50	315	4568
APMFG0860	1/2"	1/2"	27	14	46	60	315	4568
APMFG1248	3/4"	3/4"	32	16	32	48	250	3625
APMFG1257	3/4"	3/4"	32	16	41	57	250	3625
APMFG1267	3/4"	3/4"	32	16	51	67	250	3625
APMFG1272	3/4"	3/4"	32	16	56	72	250	3625

## ZŁĄCZKA MĘSKA BSPP - STAŁA ŻEŃSKA BSPP (2)



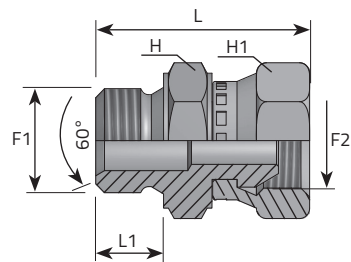
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	L mm	Bar	Psi
APMFG1654	1"	1"	41	18	36	54	200	2900
APMFG1660	1"	1"	41	18	42	60	200	2900
APMFG1680	1"	1"	41	18	62	80	200	2900
APMFG2062	1.1/4"	1.1/4"	50	20	42	62	160	2320
APMFG2092	1.1/4"	1.1/4"	50	20	72	92	160	2320
APMFG2465	1.1/2"	1.1/2"	55	22	43	65	125	1813
APMFG2495	1.1/2"	1.1/2"	55	22	73	95	125	1813
APMFG3257	2"	2"	70	25	32	57	80	1160
APMFG3262	2"	2"	70	25	37	62	80	1160

## ZŁĄCZKA MĘSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H	H1	L1	L	Bar	Psi
			mm	mm	mm	mm		
AMFDG0202	1/8"	1/8"	14	15	9.5	31.5	350	5075
AMFDG0404	1/4"	1/4"	19	19	11	35.5	350	5075
AMFDG0606	3/8"	3/8"	22	22	12.5	41.5	350	5075
AMFDG0808	1/2"	1/2"	27	27	14	45.5	315	4568
AMFDG1010	5/8"	5/8"	30	28	16	48	315	4568
AMFDG1212	3/4"	3/4"	32	32	16	51.5	250	3625
AMFDG1616	1"	1"	41	38	18	58.5	200	2900
AMFDG2020	1.1/4"	1.1/4"	50	50	20	66	160	2320
AMFDG2424	1.1/2"	1.1/2"	55	55	21	69.5	125	1813
AMFDG3232*	2"	2"	70	70	25	80	80	1160

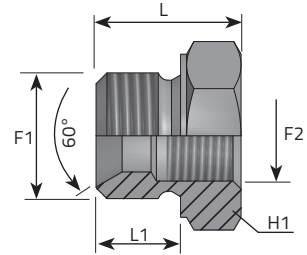
## ZŁĄCZKA MĘSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H	H1	L1	L	Bar	Psi
			mm	mm	mm	mm		
AMFDG0204	1/8"	1/4"	14	19	9.5	33.6	350	5075
<b>AMFDG0406</b>	<b>1/4"</b>	<b>3/8"</b>	<b>19</b>	<b>22</b>	<b>11</b>	<b>38.8</b>	<b>350</b>	<b>5075</b>
AMFDG0408	1/4"	1/2"	19	27	11	42.2	315	4568
<b>AMFDG0604</b>	<b>3/8"</b>	<b>1/4"</b>	<b>22</b>	<b>19</b>	<b>12.5</b>	<b>37.6</b>	<b>350</b>	<b>5075</b>
AMFDG0608	3/8"	1/2"	22	27	12.5	43.7	315	4568
<b>AMFDG0612</b>	<b>3/8"</b>	<b>3/4"</b>	<b>27</b>	<b>32</b>	<b>12.5</b>	<b>47.5</b>	<b>250</b>	<b>3625</b>
AMFDG0804	1/2"	1/4"	27	19	14	40.1	315	4568
<b>AMFDG0806</b>	<b>1/2"</b>	<b>3/8"</b>	<b>27</b>	<b>22</b>	<b>14</b>	<b>42.8</b>	<b>315</b>	<b>4568</b>
AMFDG0812	1/2"	3/4"	27	32	14	49	250	3625
<b>AMFDG1206</b>	<b>3/4"</b>	<b>3/8"</b>	<b>32</b>	<b>22</b>	<b>16</b>	<b>44.8</b>	<b>250</b>	<b>3625</b>
AMFDG1208	3/4"	1/2"	32	27	16	47.2	250	3625
<b>AMFDG1216</b>	<b>3/4"</b>	<b>1"</b>	<b>32</b>	<b>38</b>	<b>16</b>	<b>52.4</b>	<b>200</b>	<b>2900</b>
AMFDG1612	1"	3/4"	41	32	18	57.5	200	2900
<b>AMFDG1620</b>	<b>1"</b>	<b>1.1/4"</b>	<b>41</b>	<b>50</b>	<b>18</b>	<b>63.5</b>	<b>160</b>	<b>2320</b>
AMFDG2016	1.1/4"	1"	50	38	20.5	59.9	160	2320
<b>AMFDG2024</b>	<b>1.1/4"</b>	<b>1.1/2"</b>	<b>50</b>	<b>55</b>	<b>20.5</b>	<b>61.5</b>	<b>125</b>	<b>1813</b>
AMFDG2420	1.1/2"	1.1/4"	55	50	21	66.5	125	1813
* AMFDG2432	1.1/2"	2"	55	70	21	75.3	80	1160
AMFDG3224	2"	1.1/2"	70	55	25	78.5	80	1160

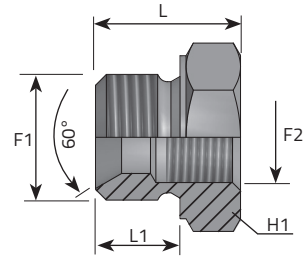
\* Thrust-wire nut  
Dado spinato

## REDUKCYJNY KOREK MĘSKI BSP - STAŁA ŻEŃSKA BSP (1)



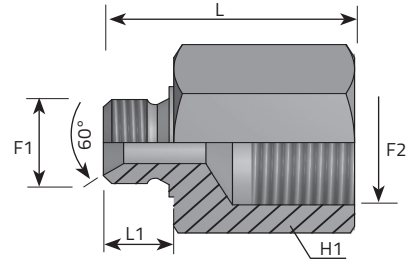
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L mm	Bar	Psi
ARMFC0402	1/4"	1/8"	19	11	18	350	5075
ARMFC0602	3/8"	1/8"	22	12.5	21.5	350	5075
ARMFC0604	3/8"	1/4"	22	12.5	21.5	350	5075
ARMFC0802	1/2"	1/8"	27	14	24	315	4568
ARMFC0804	1/2"	1/4"	27	14	24	315	4568
ARMFC0806	1/2"	3/8"	27	14	24	315	4568
ARMFC1204	3/4"	1/4"	32	16	27	250	3625
ARMFC1206	3/4"	3/8"	32	16	27	250	3625
ARMFC1208	3/4"	1/2"	32	16	27	250	3625
ARMFC1604	1"	1/4"	41	18	32	200	2900
ARMFC1606	1"	3/8"	41	18	32.5	200	2900
ARMFC1608	1"	1/2"	41	18	31.5	200	2900
ARMFC1612	1"	3/4"	41	18	32	200	2900

## REDUKCYJNY KOREK MĘSKI BSPP - STAŁA ŻEŃSKA BSPP (2)



Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L mm	Bar	Psi
ARMFC2008	1.1/4"	1/2"	50	21	34	160	2320
ARMFC2012	1.1/4"	3/4"	50	21	34	160	2320
ARMFC2016	1.1/4"	1"	50	21	35.5	160	2320
ARMFC2408	1.1/2"	1/2"	55	21	36	125	1813
ARMFC2412	1.1/2"	3/4"	55	21	36	125	1813
ARMFC2416	1.1/2"	1"	55	21	36	125	1813
ARMFC2420	1.1/2"	1.1/4"	55	21	36	125	1813
ARMFC3216	2"	1"	70	25	42.5	80	1160
ARMFC3220	2"	1.1/4"	70	25	42.5	80	1160
ARMFC3224	2"	1.1/2"	70	25	42.5	80	1160

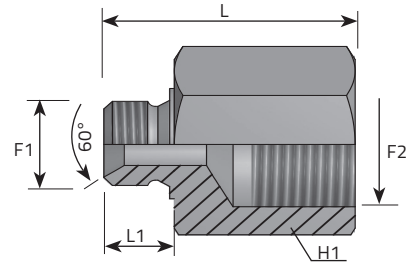
## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - STAŁA ŻEŃSKA BSPP (1)



Code	Thread		Dimensions			Pressure	
	F1	F2	H1	L1	L	Bar	Psi
			mm	mm	mm		
ARMFLO204	1/8"	1/4"	19	9.5	29	350	5075
ARMFLO206	1/8"	3/8"	22	9.5	31.5	350	5075
ARMFLO402	1/4"	1/8"	19	11	32	350	5075
ARMFLO406	1/4"	3/8"	22	11	33	350	5075
ARMFLO408	1/4"	1/2"	27	11	38	315	4568
ARMFLO412	1/4"	3/4"	32	11	41	250	3625
ARMFLO604	3/8"	1/4"	22	12.5	35	350	5075
ARMFLO608	3/8"	1/2"	27	12.5	40	315	4568
ARMFLO612	3/8"	3/4"	32	12.5	41.5	250	3625
ARMFLO616	3/8"	1"	41	12.5	43.5	200	2900
ARMFLO804	1/2"	1/4"	27	14	41	315	4568
ARMFLO806	1/2"	3/8"	27	14	41	315	4568
ARMFLO812	1/2"	3/4"	32	14	46	250	3625
ARMFLO816	1/2"	1"	41	14	53.5	200	2900
ARMFLO820	1/2"	1.1/4"	50	14	51	160	2320
ARMFLO824	1/2"	1.1/2"	55	14	52.5	125	1813
ARMFL1204	3/4"	1/4"	32	16	38	250	3625
ARMFL1206	3/4"	3/8"	32	16	42	250	3625

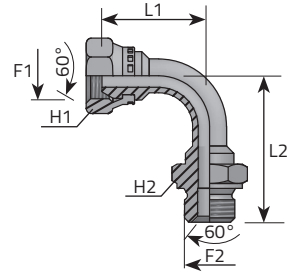


## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - STAŁA ŻEŃSKA BSPP (2)



Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L mm	Bar	Psi
ARMFL1208	3/4"	1/2"	32	16	43	250	3625
ARMFL1216	3/4"	1"	41	16	49	200	2900
ARMFL1220	3/4"	1.1/4"	50	16	51	160	2320
ARMFL1224	3/4"	1.1/2"	55	16	54	125	1813
ARMFL1606	1"	3/8"	41	18	49.5	200	2900
ARMFL1608	1"	1/2"	41	18	49.5	200	2900
ARMFL1612	1"	3/4"	41	18	64	200	2900
ARMFL1620	1"	1.1/4"	50	18	54	160	2320
ARMFL1624	1"	1.1/2"	55	18	54	125	1813
ARMFL1632	1"	2"	70	18	58	80	1160
ARMFL2012	1.1/4"	3/4"	50	20	48	160	2320
ARMFL2016	1.1/4"	1"	50	20	61	160	2320
ARMFL2024	1.1/4"	1.1/2"	55	20	61	125	1813
ARMFL2032	1.1/4"	2"	70	20	61	80	1160
ARMFL2412	1.1/2"	3/4"	55	21	56	125	1813
ARMFL2416	1.1/2"	1"	55	21	62	125	1813
ARMFL2420	1.1/2"	1.1/4"	55	21	62	125	1813
ARMFL2432	1.1/2"	2"	70	21	62	80	1160
ARMFL3216	2"	1"	70	25	57	80	1160
ARMFL3220	2"	1.1/4"	70	25	57	80	1160
ARMFL3224	2"	1.1/2"	70	25	57	80	1160

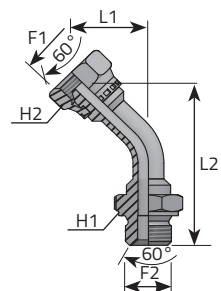
## 90° ZŁĄCZKA MĘSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 ±mm	L2 ±mm	Bar	Psi
AMF90G0202	1/8"	1/8"	15	14	29	33	350	5075
AMF90G0404	1/4"	1/4"	19	19	28	39	350	5075
AMF90G0606	3/8"	3/8"	22	22	39.5	46.5	350	5075
AMF90G0808	1/2"	1/2"	27	27	44.5	61.5	315	4568
AMF90G1010	5/8"	5/8"	28	30	54	69	315	4568
AMF90G1212	3/4"	3/4"	32	32	56.5	77	250	3625
AMF90G1616	1"	1"	38	41	71	87	200	2900
* AMF90G2020	1.1/4"	1.1/4"	50	50	66	79	160	2320
* AMF90G2424	1.1/2"	1.1/2"	55	55	89	100	125	1813
* AMF90G3232	2"	2"	70	65	107	126	80	1160

\* Thrust-wire nut  
Dado spinato

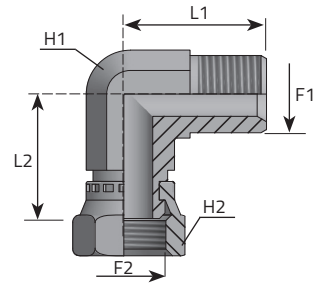
## 45° ZŁĄCZKA MĘSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	≈mm	≈mm		
AMF45G0202	1/8"	1/8"	14	15	-	-	350	5075
AMF45G0404	1/4"	1/4"	19	19	23	55	350	5075
AMF45G0606	3/8"	3/8"	22	22	26	63	350	5075
AMF45G0808	1/2"	1/2"	27	27	30	81	315	4568
AMF45G1010	5/8"	5/8"	30	28	-	-	315	4568
AMF45G1212	3/4"	3/4"	32	32	35	115	250	3625
AMF45G1616	1"	1"	41	38	38	121	200	2900
* AMF45G2020	1.1/4"	1.1/4"	50	50	58	73	160	2320
* AMF45G2424	1.1/2"	1.1/2"	55	55	60	96	125	1813
* AMF45G3232	2"	2"	65	70	65	120	80	1160

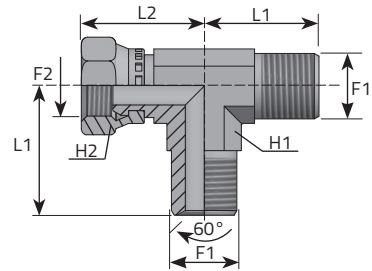
\* Thrust-wire nut  
Dado spinato

## KOLANO ZŁĄCZKA MĘSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP



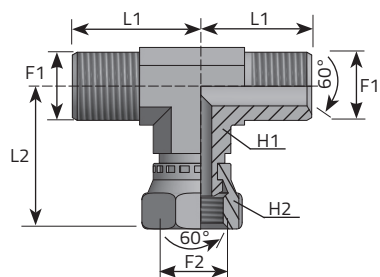
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
LMG02FGG02	1/8"	1/8"	14	15	22	28.5	350	5075
LMG04FGG04	1/4"	1/4"	14	19	27	30.5	350	5075
LMG06FGG06	3/8"	3/8"	19	22	29	36	350	5075
LMG08FGG08	1/2"	1/2"	22	27	36.5	39	315	4568
LMG12FGG12	3/4"	3/4"	27	32	42	45	250	3625
LMG16FGG16	1"	1"	33	38	50	50	200	2900
LMG20FGG20	1.1/4"	1.1/4"	41	50	56	64	160	2320
LMG24FGG24	1.1/2"	1.1/2"	48	55	59	58.5	125	1813

## TRÓJNIK MĘSKI BSP - NAKRĘTKA ŻEŃSKA BSP



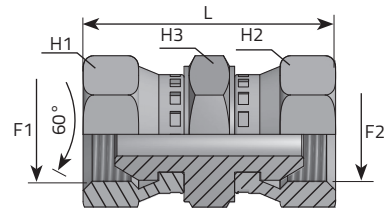
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
TMG02FGG02B	1/8"	1/8"	14	15	20	28.5	350	5075
TMG04FGG04B	1/4"	1/4"	14	19	27	30.5	350	5075
TMG06FGG06B	3/8"	3/8"	19	22	29	36	350	5075
TMG08FGG08B	1/2"	1/2"	22	27	36.5	39	315	4568
TMG12FGG12B	3/4"	3/4"	27	32	42.5	45	250	3625
TMG16FGG16B	1"	1"	33	41	50	50	200	2900
TMG20FGG20B	1.1/4"	1.1/4"	41	50	56	64	160	2320

## TRÓJNIK MĘSKI BSP - NAKRĘTKA ŻEŃSKA BSP



Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
TMG02FGG02P	1/8"	1/8"	14	15	20	28.5	350	5075
TMG04FGG04P	1/4"	1/4"	14	19	27	30.5	350	5075
TMG06FGG06P	3/8"	3/8"	19	22	29	36	350	5075
TMG08FGG08P	1/2"	1/2"	22	27	36.5	39	315	4568
TMG12FGG12P	3/4"	3/4"	27	32	42.5	45	250	3625
TMG16FGG16P	1"	1"	33	41	50	50	200	2900
TMG20FGG20P	1.1/4"	1.1/4"	41	50	56	64	160	2320

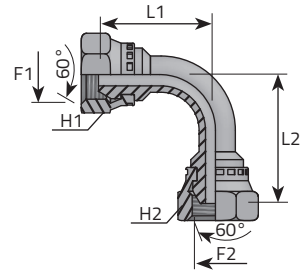
## ZŁĄCZKA NAKRĘTKA ŻEŃSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP



Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	H3 mm	L mm	Bar	Psi
AFFDG0202	1/8"	1/8"	15	15	14	38	350	5075
AFFDG0404	1/4"	1/4"	19	19	19	41	350	5075
AFFDG0606	3/8"	3/8"	22	22	22	45	350	5075
AFFDG0808	1/2"	1/2"	27	27	27	52	315	4568
AFFDG1010	5/8"	5/8"	28	28	27	52	315	4568
AFFDG1212	3/4"	3/4"	32	32	32	61	250	3625
AFFDG1616	1"	1"	38	38	41	68	200	2900
AFFDG2020	1.1/4"	1.1/4"	50	50	50	77	160	2320
AFFDG2424	1.1/2"	1.1/2"	55	55	55	82	125	1813
* AFFDG3232	2"	2"	70	70	70	90	80	1160

\* Thrust-wire nut  
Dado spinato

## 90° ZŁĄCZKA NAKRĘTKA ŻEŃSKA BSPP - NAKRĘTKA ŻEŃSKA BSPP

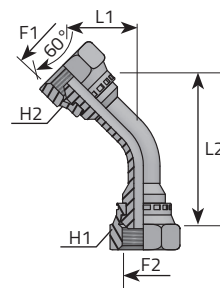


Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
AFF90G0202	1/8"	1/8"	15	15	29	31	350	5075
AFF90G0404	1/4"	1/4"	19	19	29.5	31	350	5075
AFF90G0606	3/8"	3/8"	22	22	39	44	350	5075
AFF90G0808	1/2"	1/2"	27	27	44.5	50.5	315	4568
AFF90G1010	5/8"	5/8"	28	28	48	50	315	4568
AFF90G1212	3/4"	3/4"	32	32	60	65	250	3625
AFF90G1616	1"	1"	38	38	70	83	200	2900
* AFF90G2020	1.1/4"	1.1/4"	50	50	67	70	160	2320
* AFF90G2424	1.1/2"	1.1/2"	55	55	80	95	125	1813
* AFF90G3232	2"	2"	70	70	120	115	80	1160

\* Thrust-wire nut  
Dado spinato



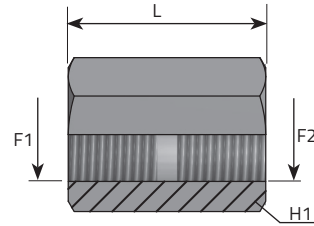
## 45° ZŁĄCZKA NAKRĘTKA ŻEŃSKA BSP - NAKRĘTKA ŻEŃSKA BSP



Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	≈mm	≈mm		
AFF45G0202	1/8"	1/8"	15	15	-	-	350	5075
AFF45G0404	1/4"	1/4"	19	19	18	52	350	5075
AFF45G0606	3/8"	3/8"	22	22	24	66	350	5075
AFF45G0808	1/2"	1/2"	27	27	28	78	315	4568
AFF45G1010	5/8"	5/8"	28	28	31	73	315	4568
AFF45G1212	3/4"	3/4"	32	32	33	101	250	3625
AFF45G1616	1"	1"	38	38	37	115	200	2900
* AFF45G2020	1.1/4"	1.1/4"	50	50	-	-	160	2320
* AFF45G2424	1.1/2"	1.1/2"	55	55	-	-	125	1813
* AFF45G3232	2"	2"	70	70	41	132	80	1160

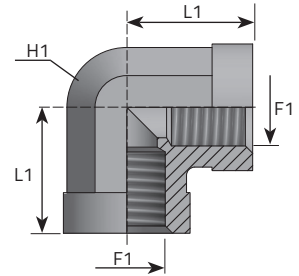
\* Thrust-wire nut  
Dado spinato

## ZŁĄCZKA STAŁA ŻEŃSKA BSPP - STAŁA ŻEŃSKA BSPP



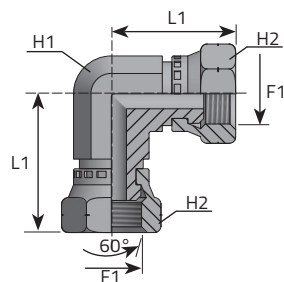
Code	Thread		Dimensions		Pressure	
	F1	F2	H1 mm	L mm	Bar	Psi
APFFG0202	1/8"	1/8"	14	25	350	5075
<b>APFFG0404</b>	<b>1/4"</b>	<b>1/4"</b>	<b>19</b>	<b>30</b>	<b>350</b>	<b>5075</b>
APFFG0606	3/8"	3/8"	22	35	350	5075
<b>APFFG0808</b>	<b>1/2"</b>	<b>1/2"</b>	<b>27</b>	<b>40</b>	<b>315</b>	<b>4568</b>
APFFG1010	5/8"	5/8"	27	35	315	4568
<b>APFFG1212</b>	<b>3/4"</b>	<b>3/4"</b>	<b>32</b>	<b>40</b>	<b>250</b>	<b>3625</b>
APFFG1616	1"	1"	41	50	200	2900
<b>APFFG2020</b>	<b>1.1/4"</b>	<b>1.1/4"</b>	<b>50</b>	<b>55</b>	<b>160</b>	<b>2320</b>
APFFG2424	1.1/2"	1.1/2"	55	60	125	1813
<b>APFFG3232</b>	<b>2"</b>	<b>2"</b>	<b>70</b>	<b>54</b>	<b>80</b>	<b>1160</b>

## 90° ZŁĄCZKA STAŁA ŻEŃSKA BSPP - STAŁA ŻEŃSKA BSPP



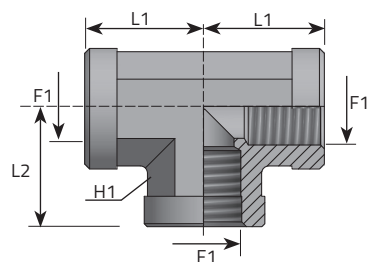
Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
LFFG02	1/8"	14	17	350	5075
LFFG04	1/4"	19	22.5	350	5075
LFFG06	3/8"	22	26	350	5075
LFFG08	1/2"	27	31	315	4568
LFFG12	3/4"	33	34.5	250	3625
LFFG16	1"	41	43	200	2900

## 90° NAKRĘTKA ŻEŃSKA ZŁĄCZKA BSPP



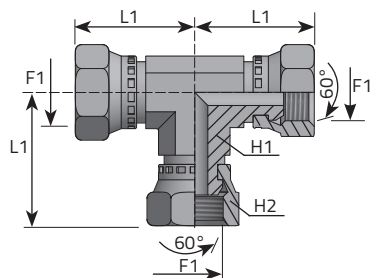
Code	Thread	Dimensions			Pressure	
		H1 mm	H2 mm	L1 mm	Bar	Psi
	F1					
LFGG02	1/8"	14	15	28.5	350	5075
LFGG04	1/4"	14	19	30.5	350	5075
LFGG06	3/8"	19	22	36	350	5075
LFGG08	1/2"	22	27	39	315	4568
LFGG12	3/4"	27	32	45	250	3625
LFGG16	1"	33	38	50	200	2900
LFGG20	1.1/4"	41	50	64	160	2320

## TRÓJNIK STAŁY ŻEŃSKI BSPP



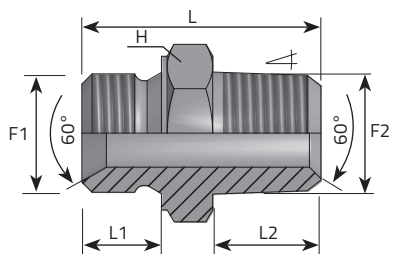
Code	Thread	Dimensions			Pressure	
		H1 mm	L1 mm	L2 mm	Bar	Psi
TFFG02	1/8"	14	17	17	350	5075
TFFG04	1/4"	19	22.5	22.5	350	5075
TFFG06	3/8"	22	26	26	350	5075
TFFG08	1/2"	27	31	31	315	4568
TFFG12	3/4"	33	34.5	34.5	250	3625
TFFG16	1"	41	43	43	200	2900

## TRÓJNIK ŻEŃSKI BSPP



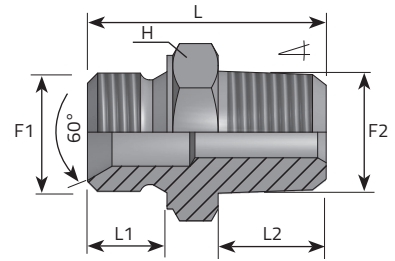
Code	Thread	Dimensions			Pressure	
		H1 mm	H2 mm	L1 mm	Bar	Psi
	F1					
TFGG02	1/8"	14	15	28.5	350	5075
TFGG04	1/4"	14	19	30.5	350	5075
TFGG06	3/8"	19	22	36	350	5075
TFGG08	1/2"	22	27	39	315	4568
TFGG12	3/4"	27	32	45	250	3625
TFGG16	1"	33	41	50	200	2900
TFGG20	1.1/4"	41	50	64	160	2320

## ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPT



Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ANGK0202	1/8"	1/8"	14	9.5	9	25.5	350	5075
ANGK0404	1/4"	1/4"	19	11	14	32	350	5075
ANGK0406	1/4"	3/8"	19	11	14	32	350	5075
ANGK0408	1/4"	1/2"	22	11	19	40	315	4568
ANGK0606	3/8"	3/8"	22	12.5	14	34.5	350	5075
ANGK0608	3/8"	1/2"	22	12.5	19	40.5	315	4568
ANGK0808	1/2"	1/2"	27	14	19	43	315	4568
ANGK1212	3/4"	3/4"	32	16	19	46	250	3625
ANGK1616	1"	1"	41	18	26	57	200	2900
ANGK2020	1.1/4"	1.1/4"	50	20	25	59.5	160	2320
ANGK2424	1.1/2"	1.1/2"	55	21	23	58	125	1813
ANGK3232	2"	2"	70	25	27	67	80	1160

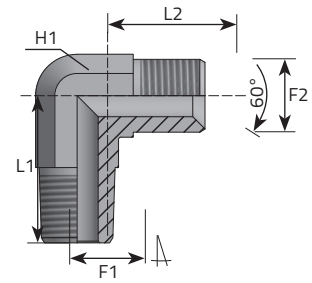
## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPT



Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ARGK0402	1/4"	1/8"	19	11	9	27	350	5075
ARGK0602	3/8"	1/8"	22	12.5	9	29.5	350	5075
ARGK0604	3/8"	1/4"	22	12.5	14	34.5	350	5075
ARGK0804	1/2"	1/4"	27	14	14	38	315	4568
ARGK0806	1/2"	3/8"	27	14	14	38	315	4568
ARGK1006	5/8"	3/8"	30	16	14	41	315	4568
ARGK1008	5/8"	1/2"	30	16	19	46	315	4568
ARGK1204	3/4"	1/4"	32	16	14	41	250	3625
ARGK1206	3/4"	3/8"	32	16	14	41	250	3625
ARGK1208	3/4"	1/2"	32	16	19	46	250	3625
ARGK1606	1"	3/8"	41	18	14	45	200	2900
ARGK1608	1"	1/2"	41	18	19	50	200	2900
ARGK1612	1"	3/4"	41	18	19	50	200	2900

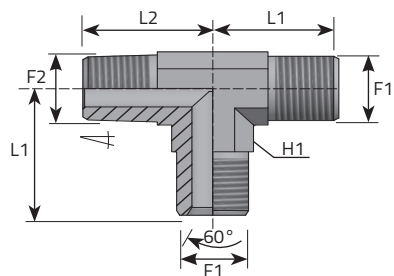


## 90° ZŁĄCZKA MĘSKA BSPP - MĘSKA BSPT



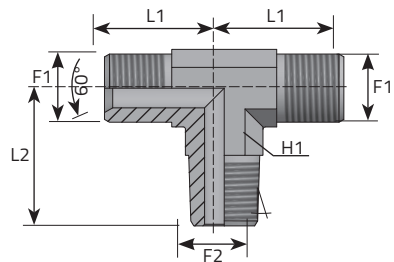
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
LMGK02MG02	1/8"	1/8"	14	20.5	22	350	5075
LMGK04MG04	1/4"	1/4"	14	28	27	350	5075
LMGK06MG06	3/8"	3/8"	19	31	29	350	5075
LMGK08MG08	1/2"	1/2"	22	37.5	36.5	315	4568
LMGK08MG10	1/2"	5/8"	27	37.5	36.5	315	4568
LMGK12MG12	3/4"	3/4"	27	42	42	250	3625
LMGK16MG16	1"	1"	33	50	50	200	2900
LMGK20MG20	1.1/4"	1.1/4"	41	60	56	160	2320

## TRÓJNIK MĘSKI BSPP - MĘSKA BSPT



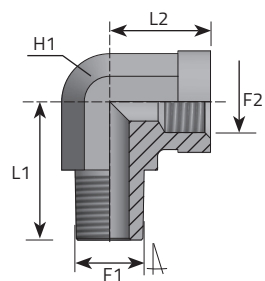
Code	Thread		Dimensions			Pressure	
	F1	F2	CH mm	L1 mm	L2 mm	Bar	Psi
TMG02MGK02B	1/8"	1/8"	14	22	20.5	350	5075
TMG04MGK04B	1/4"	1/4"	14	27	28	350	5075
TMG06MGK06B	3/8"	3/8"	19	29	31	350	5075
TMG08MGK08B	1/2"	1/2"	22	36.5	37.5	315	4568
TMG10MGK08B	5/8"	1/2"	27	36.5	40	315	4568
TMG12MGK12B	3/4"	3/4"	27	42	42	250	3625
TMG16MGK16B	1"	1"	33	50	50	200	2900
TMG20MGK20B	1.1/4"	1.1/4"	41	56	60	160	2320

## TRÓJNIK MĘSKI BSPP - MĘSKA BSPT



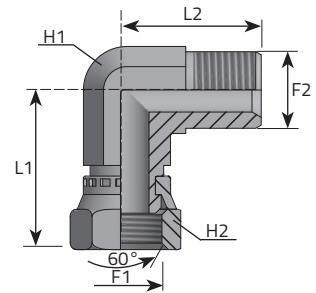
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
TMG02MGK02P	1/8"	1/8"	14	22	20.5	350	5075
TMG04MGK04P	1/4"	1/4"	14	27	28	350	5075
TMG06MGK06P	3/8"	3/8"	19	29	31	350	5075
TMG08MGK08P	1/2"	1/2"	22	36.5	37.5	315	4568
TMG10MGK08P	5/8"	1/2"	27	36.5	40	315	4568
TMG12MGK12P	3/4"	3/4"	27	42	42	250	3625
TMG16MGK16P	1"	1"	33	50	50	200	2900
TMG20MGK20P	1.1/4"	1.1/4"	41	56	60	160	2320

## 90° ZŁĄCZKA MĘSKA BSPT - STAŁA ŻEŃSKA BSPP



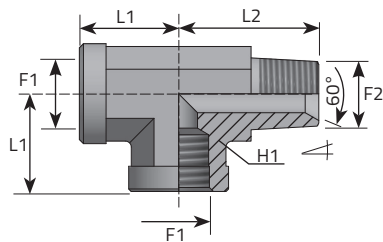
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
LMGK02FFG02	1/8"	1/8"	14	23	17	350	5075
LMGK04FFG04	1/4"	1/4"	19	28	22.5	350	5075
LMGK06FFG06	3/8"	3/8"	22	32	26	350	5075
LMGK08FFG08	1/2"	1/2"	27	37.5	31	315	4568
LMGK12FFG12	3/4"	3/4"	33	45	34.5	250	3625
LMGK16FFG16	1"	1"	41	55	43	200	2900

## 90° ZŁĄCZKA MĘSKA BSPT - NAKRĘTKA ŻEŃSKA BSPP



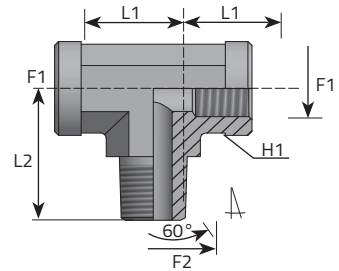
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
LMGK02FGG02	1/8"	1/8"	14	15	20.5	28.5	350	5075
LMGK04FGG04	1/4"	1/4"	14	19	28	30.5	350	5075
LMGK06FGG06	3/8"	3/8"	19	22	31	36	350	5075
LMGK08FGG08	1/2"	1/2"	22	27	37.5	39	315	4568
LMGK12FGG12	3/4"	3/4"	27	32	42	45	250	3625
LMGK16FGG16	1"	1"	33	38	50	50	200	2900
LMGK20FGG20	1.1/4"	1.1/4"	41	50	60	64	160	2320

## TRÓJNIK ZŁĄCZKA STAŁA ŻEŃSKA BSPP - STAŁA ŻEŃSKA BSPP - MĘSKA BSPT



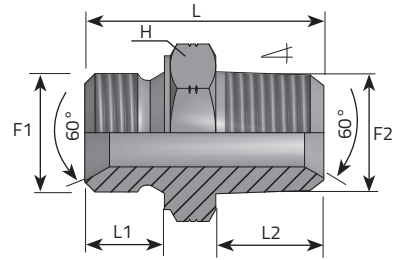
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
TFFG02MGK02B	1/8"	1/8"	14	17	20.5	350	5075
TFFG04MGK04B	1/4"	1/4"	19	22.5	28	350	5075
TFFG06MGK06B	3/8"	3/8"	22	26	31	350	5075
TFFG08MGK08B	1/2"	1/2"	27	31	37.5	315	4568
TFFG12MGK12B	3/4"	3/4"	33	34.5	45	250	3625
TFFG16MGK16B	1"	1"	41	43	55	200	2900

## TRÓJNIK ZŁĄCZKA STAŁA ŻEŃSKA BSPP - MĘSKA BSPT - STAŁA ŻEŃSKA BSPP



Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
TFFG02MGK02P	1/8"	1/8"	14	17	20.5	350	5075
TFFG04MGK04P	1/4"	1/4"	19	22.5	28	350	5075
TFFG06MGK06P	3/8"	3/8"	22	26	31	350	5075
TFFG08MGK08P	1/2"	1/2"	27	31	37.5	315	4568
TFFG12MGK12P	3/4"	3/4"	33	34.5	45	250	3625
TFFG16MGK16P	1"	1"	41	43	55	200	2900

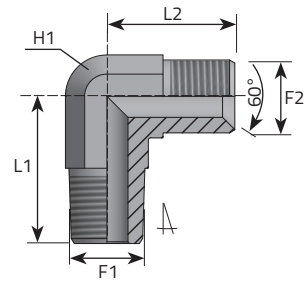
## ZŁĄCZKA MĘSKA BSPP - MĘSKA NPT



Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ANGNPT0202	1/8"	1/8"	14	9.5	9	25.5	350	5075
ANGNPT0404	1/4"	1/4"	19	11	14	32	350	5075
ANGNPT0606	3/8"	3/8"	22	12.5	14	34.5	350	5075
ANGNPT0808	1/2"	1/2"	27	14	19	43	315	4568
ANGNPT1212	3/4"	3/4"	32	16	19	46	250	3625
ANGNPT1616	1"	1"	41	18	24	55	200	2900
ANGNPT2020	1.1/4"	1.1/4"	50	20	25	59.5	160	2320
ANGNPT2424	1.1/2"	1.1/2"	55	21	23	58	125	1813
ANGNPT3232	2"	2"	70	27	25	67	80	1160

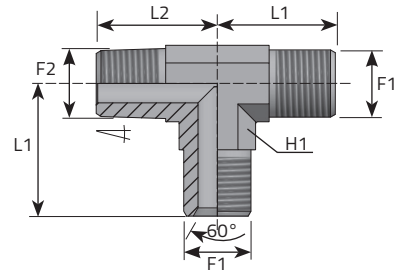


## 90° ZŁĄCZKA MĘSKA BSPP - MĘSKA NPT



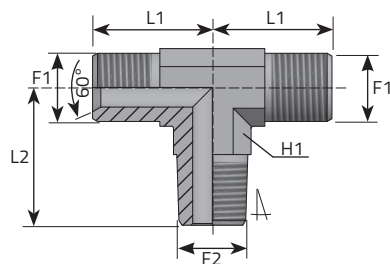
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
LMG02MN02	1/8"	1/8"	14	21	20.5	350	5075
LMG04MN04	1/4"	1/4"	14	27	28	350	5075
LMG06MN06	3/8"	3/8"	19	29	31	350	5075
LMG08MN08	1/2"	1/2"	22	36.5	37.5	315	4568
LMG10MN08	5/8"	1/2"	27	36.5	37.5	315	4568
LMG12MN12	3/4"	3/4"	27	42	42	250	3625
LMG16MN16	1"	1"	33	50	50	200	2900
LMG20MN20	1.1/4"	1.1/4"	41	56	60	160	2320

## TRÓJNIK MĘSKI BSPP - MĘSKA NPT



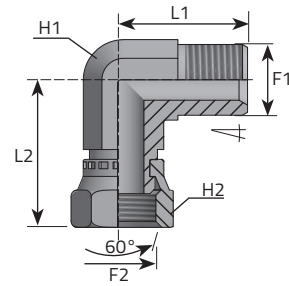
Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
TMG02MN02B	1/8"	1/8"	14	22	20.5	350	5075
TMG04MN04B	1/4"	1/4"	14	27	28	350	5075
TMG06MN06B	3/8"	3/8"	19	29	31	350	5075
TMG08MN08B	1/2"	1/2"	22	36.5	37.5	315	4568
TMG10MN08B	5/8"	1/2"	27	36.5	40	315	4568
TMG12MN12B	3/4"	3/4"	27	42	42	250	3625
TMG16MN16B	1"	1"	33	50	50	200	2900
TMG20MN20B	1 1/4"	1 1/4"	41	56	60	160	2320

## TRÓJNIK MĘSKI BSP - MĘSKA NPT



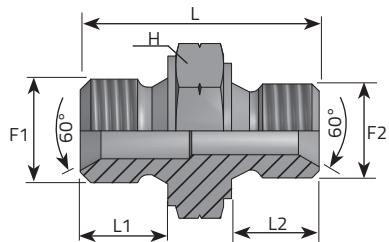
Code	Thread		Dimensions			Pressure	
	F1	F2	H1	L1	L2	Bar	Psi
			mm	mm	mm		
TMG02MNO2P	1/8"	1/8"	14	22	20.5	350	5075
TMG04MNO4P	1/4"	1/4"	14	27	28	350	5075
TMG06MNO6P	3/8"	3/8"	19	29	31	350	5075
TMG08MN08P	1/2"	1/2"	22	36.5	37.5	315	4568
TMG10MN08P	5/8"	1/2"	27	36.5	40	315	4568
TMG12MN12P	3/4"	3/4"	27	42	42	250	3625
TMG16MN16P	1"	1"	33	50	50	200	2900
TMG20MN20P	1.1/4"	1.1/4"	41	56	60	160	2320

## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - METRYCZNA MĘSKA (2)



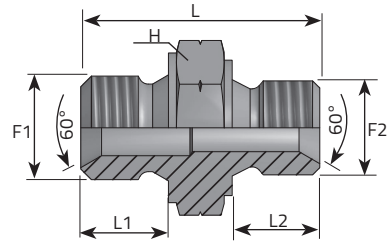
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
LMN02FGG02	1/8"	1/8"	14	15	20.5	28.5	350	5075
LMN04FGG04	1/4"	1/4"	14	19	28	30.5	350	5075
LMN06FGG06	3/8"	3/8"	19	22	31	36	350	5075
LMN08FGG08	1/2"	1/2"	22	27	37.5	39	315	4568
LMN12FGG12	3/4"	3/4"	27	32	42	45	250	3625
LMN16FGG16	1"	1"	33	38	50	50	200	2900
LMN20FGG20	1.1/4"	1.1/4"	41	50	60	64	160	2320

## ZŁĄCZKA MĘSKA BSPP - METRYCZNA NAKRĘTKA ŻEŃSKA



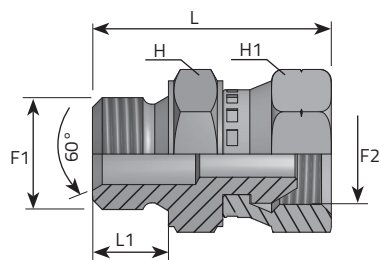
Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ARGM0210	1/8"	10X1	14	9.5	9.5	25	350	5075
ARGM0212	1/8"	12X1.5	17	9.5	11	27.5	350	5075
ARGM0410	1/4"	10X1	19	11	9.5	27.5	350	5075
ARGM0412	1/4"	12X1.5	19	11	11	30	350	5075
ARGM0414	1/4"	14X1.5	19	11	11	30	350	5075
ARGM0416	1/4"	16X1.5	22	11	12.5	32.5	350	5075
ARGM0418	1/4"	18X1.5	24	11	14	35	315	4568
ARGM0422	1/4"	22X1.5	27	11	14	35	315	4568
ARGM0612	3/8"	12X1.5	22	12.5	11	31.5	350	5075
ARGM0614	3/8"	14X1.5	22	12.5	11	32.5	350	5075
ARGM0616	3/8"	16X1.5	22	12.5	12.5	34.5	350	5075
ARGM0618	3/8"	18X1.5	24	12.5	14	36.5	315	4568
ARGM0620	3/8"	20X1.5	27	12.5	14	36.5	315	4568
ARGM0622	3/8"	22X1.5	27	12.5	14	37	315	4568
ARGM0812	1/2"	12X1.5	27	14	11	35	315	4568
ARGM0814	1/2"	14X1.5	27	14	11	35	315	4568
ARGM0816	1/2"	16X1.5	27	14	12.5	36.5	315	4568
ARGM0818	1/2"	18X1.5	27	14	14	38	315	4568
ARGM0820	1/2"	20X1.5	27	14	14	38	315	4568

## REDUKCYJNA ZŁĄCZKA MĘSKA BSPP - METRYCZNA MĘSKA (2)



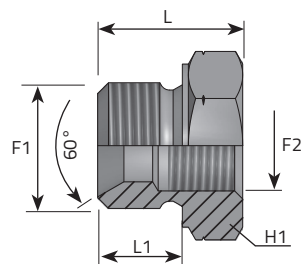
Code	Thread		Dimensions				Pressure	
	F1	F2	H mm	L1 mm	L2 mm	L mm	Bar	Psi
ARGM0822	1/2"	22X1.5	27	14	14	38	315	4568
ARGM0824	1/2"	24X1.5	30	14	16	40	315	4568
ARGM0826	1/2"	26X1.5	32	14	16	41	250	3625
ARGM1018	5/8"	18X1.5	30	16	14	41	315	4568
ARGM1020	5/8"	20X1.5	30	16	14	41	315	4568
ARGM1022	5/8"	22X1.5	30	16	14	41	315	4568
ARGM1218	3/4"	18X1.5	32	16	14	40	250	3625
ARGM1220	3/4"	20X1.5	32	16	14	40	250	3625
ARGM1222	3/4"	22X1.5	32	16	15	41	250	3625
ARGM1226	3/4"	26X1.5	32	16	16	42	250	3625
ARGM1230	3/4"	30X1.5	38	16	18	46	200	2900
ARGM1622	1"	22X1.5	41	18	15	45	200	2900
ARGM1626	1"	26X1.5	41	18	16	46	200	2900
ARGM1630	1"	30X1.5	41	18	18	48	200	2900
ARGM2030	1.1/4"	30X1.5	50	20	18	52.2	160	2320
ARGM2038	1.1/4"	38X1.5	50	20	18	52.5	160	2320

## ZŁĄCZKA MĘSKA BSPP - METRYCZNA NAKRĘTKA ŻEŃSKA



Code	Thread		Dimensions				Pressure	
	F1	F2	H	H1	L1	L	Bar	Psi
			mm	mm	mm	mm		
AMFDGM0414	1/4"	14X1.5	19	19	11	35.5	350	5075
AMFDGM0822	1/2"	22X1.5	27	27	14	44	315	4568

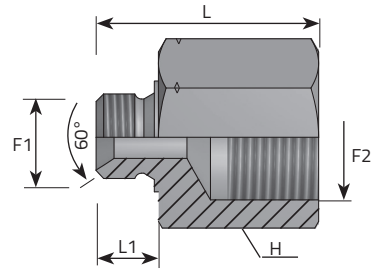
## REDUKCYJNY KOREK METRYCZNY MĘSKI - STAŁA ŻEŃSKA BSPP



Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L mm	Bar	Psi
ARMFCM1804	18x1.5	1/4"	24	14	24	315	4568
ARMFCM2204	22x1.5	1/4"	27	14	24	315	4568
ARMFCM2206	22x1.5	3/8"	27	14	24	315	4568

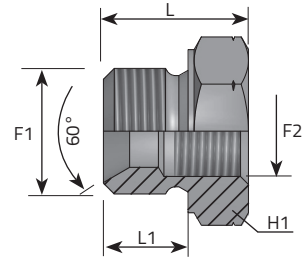


## REDUKCYJNA ZŁĄCZKA METRYCZNA MĘSKA - STAŁA ŻEŃSKA BSP



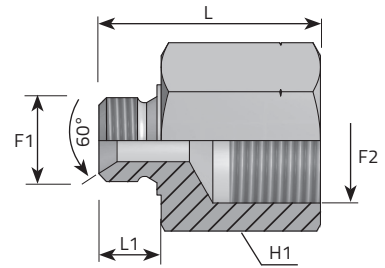
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ARMFLM1804	18x1.5	1/4"	24	14	27	41	315	4568
ARMFLM1806	18x1.5	3/8"	24	14	27	41	315	4568
ARMFLM1808	18x1.5	1/2"	27	14	27	41	315	4568
ARMFLM2208	22x1.5	1/2"	27	14	31	45	315	4568

## REDUKCYJNY KOREK MĘSKI BSP - METRYCZNA STAŁA ŻEŃSKA



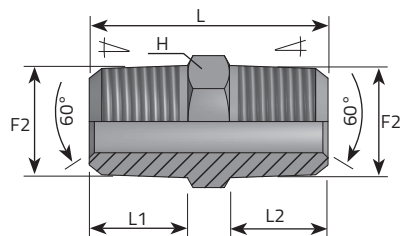
Code	Thread		Dimensions			Pressure	
	F1	F2	H	L1	L	Bar	Psi
			mm	mm	mm		
ARMFCM0612	3/8"	12x1.5	22	12.5	21.5	350	5075
ARMFCM0614	3/8"	14x1.5	22	12.5	21.5	350	5075
ARMFCM0812	1/2"	12x1.5	27	14	24	315	4568
ARMFCM0814	1/2"	14x1.5	27	14	23	315	4568

## REDUKCYJNA ZŁĄCZKA METRYCZNA MĘSKA - METRYCZNA STAŁA ŻEŃSKA



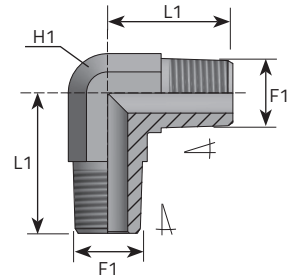
Code	Thread		Dimensions			Pressure	
	F1	F2	H1	L1	L	Bar	Psi
			mm	mm	mm		
ARMFLM0414	1/4"	14x1.5	19	11	33	350	5075
ARMFLM0616	3/8"	16x1.5	22	12.5	35	350	5075
ARMFLM0618	3/8"	18x1.5	24	12.5	40	315	4568
ARMFLM0818	1/2"	18x1.5	27	14	41	315	4568
ARMFLM0822	1/2"	22x1.5	27	14	41	315	4568

## ZŁĄCZKA MĘSKA BSPT - MĘSKA BSPT



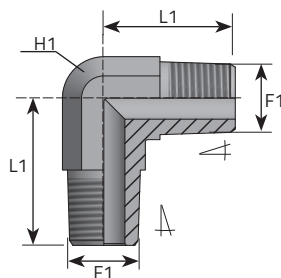
Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ANKK0202	1/8"	1/8"	12	10	10	26	350	5075
ANKK0404	1/4"	1/4"	17	14	14	35	350	5075
ANKK0606	3/8"	3/8"	19	14	14	36	350	5075
ANKK0808	1/2"	1/2"	22	19	19	47.5	315	4568
ANKK1212	3/4"	3/4"	27	19	19	48	250	3625
ANKK1616	1"	1"	36	21	21	52	200	2900
ANKK2020	1.1/4"	1.1/4"	46	24	24	63.5	160	2320
ANKK2424	1.1/2"	1.1/2"	50	26	26	66	125	1813
ANKK3232	2"	2"	65	28	28	73	80	1160

## 90° ZŁĄCZKA MĘSKA BSPT - MĘSKA BSPT



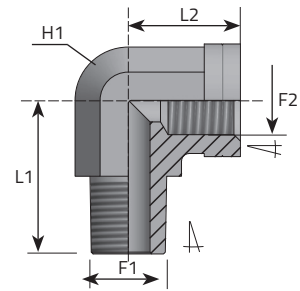
Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
LMGK02	1/8"	14	20.5	350	5075
LMGK04	1/4"	14	28	350	5075
LMGK06	3/8"	19	31	350	5075
LMGK08	1/2"	22	37.5	315	4568
LMGK12	3/4"	27	42	250	3625
LMGK16	1"	33	50	200	2900
LMGK20	1.1/4"	41	60	160	2320

## 90° ZŁĄCZKA MĘSKA NPT- MĘSKA NPT



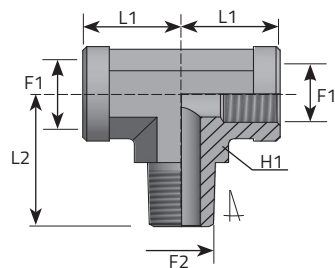
Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
LMN02	1/8"	14	20.5	350	5075
LMN04	1/4"	14	28	350	5075
LMN06	3/8"	19	31	350	5075
LMN08	1/2"	22	37.5	315	4568
LMN12	3/4"	27	42	250	3625
LMN16	1"	33	50	200	2900
LMN20	1.1/4"	41	60	160	2320

## 90° ZŁĄCZKA MĘSKA NPT- STAŁA ŻEŃSKA NPT



Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
LMN02FFN02	1/8"	1/8"	14	23	17	350	5075
LMN04FFN04	1/4"	1/4"	19	28	22.5	350	5075
LMN06FFN06	3/8"	3/8"	22	32	26	350	5075
LMN08FFN08	1/2"	1/2"	27	37.5	31	315	4568
LMN12FFN12	3/4"	3/4"	33	45	34.5	250	3625
LMN16FFN16	1"	1"	41	55	43	200	2900

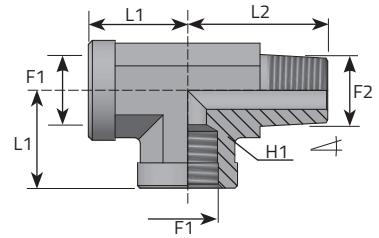
## TRÓJNIK STAŁY ZŁĄCZKA ŻEŃSKA NPT - MĘSKA NPT - ŻEŃSKA NPT



Code	Thread		Dimensions			Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	Bar	Psi
TFFN02MN02P	1/8"	1/8"	14	17	20.5	350	5075
TFFN04MN04P	1/4"	1/4"	19	22.5	28	350	5075
TFFN06MN06P	3/8"	3/8"	22	26	31	350	5075
TFFN08MN08P	1/2"	1/2"	27	31	37.5	315	4568
TFFN12MN12P	3/4"	3/4"	33	34.5	45	250	3625
TFFN16MN16P	1"	1"	41	43	55	200	2900

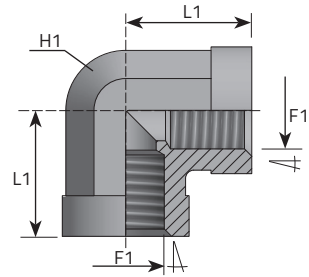


## TRÓJNIK ZŁĄCZKA STAŁA ŻEŃSKA NPT - STAŁA ŻEŃSKA NPT - MĘSKA NPT



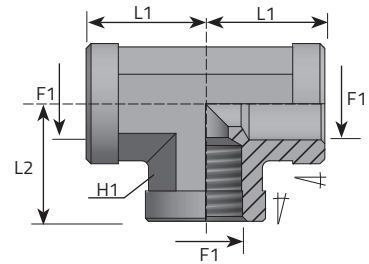
Code	Thread		Dimensions			Pressure	
	F1	F2	H1	L1	L2	Bar	Psi
			mm	mm	mm		
TFFN02MN02B	1/8"	1/8"	14	17	20.5	350	5075
TFFN04MN04B	1/4"	1/4"	19	22.5	28	350	5075
TFFN06MN06B	3/8"	3/8"	22	26	31	350	5075
TFFN08MN08B	1/2"	1/2"	27	31	37.5	315	4568
TFFN12MN12B	3/4"	3/4"	33	34.5	45	250	3625
TFFN16MN16B	1"	1"	41	43	55	200	2900

## 90° ZŁĄCZKA STAŁA ŻEŃSKA NPT - STAŁA ŻEŃSKA NPT



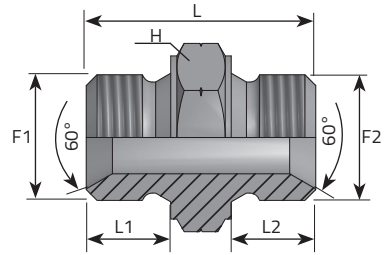
Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
LFFN02	1/8"	14	17	350	5075
LFFN04	1/4"	19	22.5	350	5075
LFFN06	3/8"	22	26	350	5075
LFFN08	1/2"	27	31	315	4568
LFFN12	3/4"	33	34.5	250	3625
LFFN16	1"	41	43	200	2900

## TRÓJNIK STAŁY ŻEŃSKI NPT



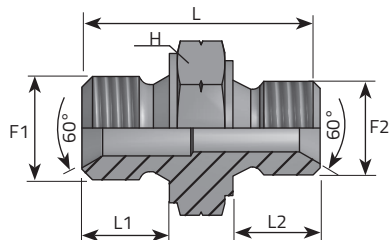
Code	Thread	Dimensions			Pressure	
		H1 mm	L1 mm	L2 mm	Bar	Psi
	F1					
TFFN02	1/8"	14	34	17	350	5075
TFFN04	1/4"	19	45	22.5	350	5075
TFFN06	3/8"	22	52	26	350	5075
TFFN08	1/2"	27	62	31	315	4568
TFFN12	3/4"	33	69	34.5	250	3625
TFFN16	1"	41	86	43	200	2900

## ZŁĄCZKA METRYCZNA MĘSKA



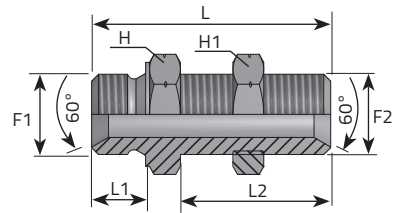
Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ANMM1010	10X1	10X1	14	9.5	9.5	25	350	5075
ANMM1212	12X1.5	12X1.5	17	11	11	30	350	5075
ANMM1414	14X1.5	14X1.5	19	11	11	29	350	5075
ANMM1616	16X1.5	16X1.5	22	12.5	12.5	34	350	5075
ANMM1818	18X1.5	18X1.5	24	14	14	37	315	4568
ANMM2020	20X1.5	20X1.5	27	14	14	38	315	4568
ANMM2222	22X1.5	22X1.5	27	14	14	38	315	4568
ANMM2424	24X1.5	24X1.5	30	16	16	42	315	4568
ANMM2626	26X1.5	26X1.5	32	16	16	42	250	3625
ANMM2828	28X1.5	28X1.5	34	16	16	43	250	3625
ANMM3030	30X1.5	30X1.5	38	18	18	48	200	2900

## REDUKCYJNA ZŁĄCZKA METRYCZNA MĘSKA



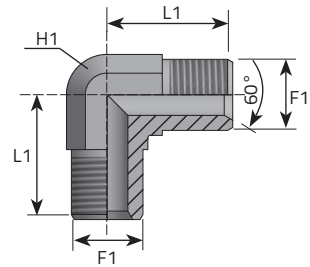
Code	Thread		Dimensions				Pressure	
	F1	F2	H	L1	L2	L	Bar	Psi
			mm	mm	mm	mm		
ARMM1210	12x1.5	10X1	17	11	9.5	28.5	350	5075
ARMM1410	14X1.5	10X1	19	11	9.5	27.5	350	5075
ARMM1412	14X1.5	12X1.5	19	11	11	30	350	5075
ARMM1612	16X1.5	12X1.5	22	12.5	11.5	31.5	350	5075
ARMM1614	16X1.5	14X1.5	22	12.5	11	31.5	350	5075
ARMM1814	18X1.5	14X1.5	24	14	11	35	315	4568
ARMM1816	18X1.5	16X1.5	24	14	12.5	36.5	315	4568
ARMM2014	20X1.5	14X1.5	24	14	12.5	36.5	315	4568
ARMM2016	20X1.5	16X1.5	27	14	12.5	36.5	315	4568
ARMM2018	20X1.5	18X1.5	27	14	14	38	315	4568
ARMM2214	22X1.5	14X1.5	27	14	12.5	36.5	315	4568
ARMM2216	22X1.5	16x1.5	27	14	12.5	36.5	315	4568
ARMM2218	22X1.5	18X1.5	27	14	14	38	315	4568
ARMM2220	22X1.5	20X1.5	27	14	16	38	315	4568
ARMM2418	24X1.5	18X1.5	30	16	14	40	315	4568
ARMM2422	24X1.5	22X1.5	30	16	15	40	315	4568
ARMM2622	26X1.5	22X1.5	32	16	15	41	250	3625
ARMM2624	26x1.5	24X1.5	32	18	18	45	250	3625
ARMM3022	30X1.5	22X1.5	38	18	15	45	200	2900
ARMM3026	30X1.5	26X1.5	38	18	16	46	200	2900

## METRYCZNA PROSTA GRODZIOWA ZŁĄCZKA



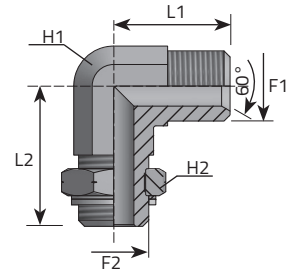
Code	Thread		Dimensions					Pressure	
	F1	F2	H mm	H1 mm	L1 mm	L2 mm	L mm	Bar	Psi
ANMM1414P	14X1.5	14X1.5	19	19	11	30	48	350	5075
ANMM1616P	16X1.5	16X1.5	22	22	12.5	35	55.5	350	5075
ANMM1818P	18X1.5	18X1.5	24	24	14	32	56	315	4568
ANMM2222P	22X1.5	22X1.5	27	27	15	34	60	315	4568

## 90° ZŁĄCZKA METRYCZNA MĘSKA - METRYCZNA MĘSKA



Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
LMM10	10X1	14	22	350	5075
LMM12	12X1.5	14	22	350	5075
LMM14	14X1.5	14	27	350	5075
LMM16	16X1.5	19	29	350	5075
LMM18	18X1.5	19	29	315	4568
LMM20	20X1.5	22	36.5	315	4568
LMM22	22X1.5	22	36.5	315	4568
LMM26	26X1.5	27	42	250	3625
LMM30	30X1.5	33	50	200	2900

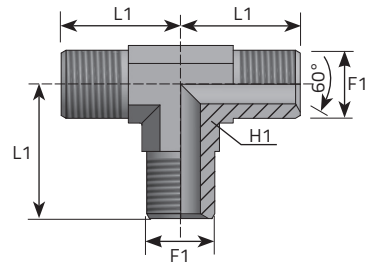
## 90° NASTAWNA ZŁĄCZKA METRYCZNA MĘSKA – METRYCZNA MĘSKA



Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 mm	L2 mm	Bar	Psi
LMM10MOMR12	10X1	12X1.5	14	14	22	26	350	5075
LMM12MOMR12	12X1.5	12X1.5	14	14	22	26	350	5075
LMM12MOMR14	12X1.5	14X1.5	14	19	22	34	350	5075
LMM14MOMR14	14X1.5	14X1.5	14	19	26	34	350	5075
LMM14MOMR16	14X1.5	16X1.5	19	19	26	37	350	5075
LMM16MOMR16	16X1.5	16X1.5	19	22	29	37	350	5075
LMM16MOMR18	16X1.5	18X1.5	19	22	29	37	315	4568
LMM18MOMR18	18X1.5	18X1.5	19	22	29	37	315	4568
LMM18MOMR22	18X1.5	22X1.5	22	27	36.5	45	315	4568
LMM22MOMR22	22X1.5	22X1.5	22	27	36.5	45	315	4568
LMM26MOMR22	26X1.5	22X1.5	27	36	38.5	48.5	250	3625
LMM26MOMR27	26X1.5	27X2	27	36	42	48.5	200	2900
LMM30MOMR27	30X1.5	27X2	33	41	47	53	180	2610
LMM30MOMR33	30X1.5	33X2	33	41	50	53	180	2610

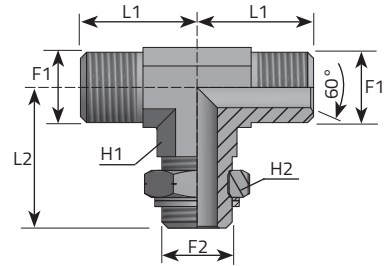


## ZŁĄCZKA T" METRYCZNA MĘSKA



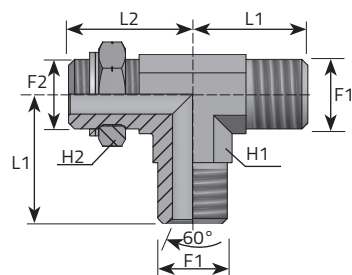
Code	Thread	Dimensions		Pressure	
		H1 mm	L1 mm	Bar	Psi
	F1				
TMM10	10X1	12	22	350	5075
TMM12	12X1.5	12	22	350	5075
TMM14	14X1.5	14	27	350	5075
TMM16	16X1.5	19	29	350	5075
TMM18	18X1.5	19	29	315	4568
TMM20	20X1.5	22	36.5	315	4568
TMM22	22X1.5	22	36.5	315	4568
TMM26	26X1.5	27	42	250	3625
TMM30	30X1.5	33	50	200	2900

## TRÓJNIK NASTAWNY ZŁĄCZKA METRYCZNA MĘSKA – NASTAWNA METRYCZNA MĘSKA



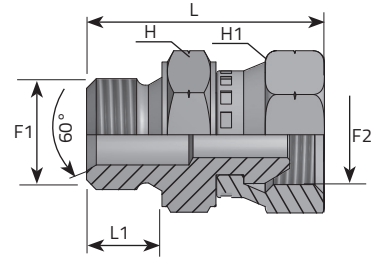
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
TMM10MOMR12P	10X1	12X1.5	14	19	21	26	350	5075
TMM12MOMR12P	12X1.5	12X1.5	14	19	21	26	350	5075
TMM12MOMR14P	12X1.5	14X1.5	14	19	22	34	350	5075
TMM14MOMR14P	14X1.5	14X1.5	14	19	26	34	350	5075
TMM14MOMR16P	14X1.5	16X1.5	19	19	27	32	350	5075
TMM16MOMR16P	16X1.5	16X1.5	19	22	29	37	350	5075
TMM16MOMR18P	16X1.5	18X1.5	19	22	29	37	315	4568
TMM18MOMR18P	18X1.5	18X1.5	19	22	29	37	315	4568
TMM18MOMR22P	18X1.5	22X1.5	22	27	36.5	45	315	4568
TMM22MOMR22P	22X1.5	22X1.5	22	27	36.5	45	315	4568
TMM26MOMR22P	26X1.5	22X1.5	27	36	38	48.5	250	3625
TMM26MOMR27P	26X1.5	27X2	27	36	42	48.5	200	2900
TMM30MOMR27P	30X1.5	27X2	33	41	47	53	180	2610
TMM30MOMR33P	30X1.5	33X2	33	41	50	53	180	2610

## TRÓJNIK NASTAWNY ZŁĄCZKA METRYCZNA MĘSKA – METRYCZNA MĘSKA



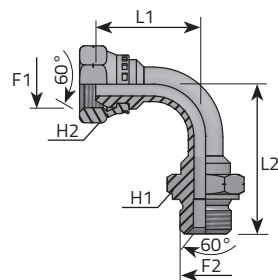
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
TMM10MOMR12B	10X1	12X1.5	14	19	26	21	350	5075
TMM12MOMR12B	12X1.5	12X1.5	14	19	26	21	350	5075
TMM12MOMR14B	12X1.5	14X1.5	14	19	32	22	350	5075
TMM14MOMR14B	14X1.5	14X1.5	14	19	34	26	350	5075
TMM14MOMR16B	14X1.5	16X1.5	19	19	32	27	350	5075
TMM16MOMR16B	16X1.5	16X1.5	19	22	37	29	350	5075
TMM16MOMR18B	16X1.5	18X1.5	19	22	37	29	315	4568
TMM18MOMR18B	18X1.5	18X1.5	19	22	37	29	315	4568
TMM18MOMR22B	18X1.5	22X1.5	22	27	45	36.5	315	4568
TMM22MOMR22B	22X1.5	22X1.5	22	27	45	36.5	315	4568
TMM26MOMR22B	26X1.5	22X1.5	27	36	48.5	38	250	3625
TMM26MOMR27B	26X1.5	27X2	27	36	48.5	42	200	2900
TMM30MOMR27B	30X1.5	27X2	33	41	53	47	180	2610
TMM30MOMR33B	30X1.5	33X2	33	41	53	50	180	2610

## ZŁĄCZKA MĘSKA METRYCZNA – METRYCZNA NAKRĘTKA ŻEŃSKA



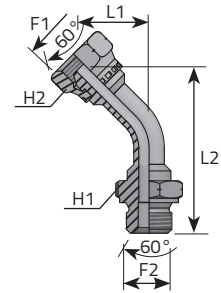
Code	Thread		Dimensions				Pressure	
	F1	F2	H	H1	L1	L	Bar	PSI
			mm	mm	mm	mm		
AMFDM1212	12X1.5	12X1.5	17	17	11	34	350	5075
AMFDM1414	14X1.5	14X1.5	19	19	11	35	350	5075
AMFDM1616	16X1.5	16X1.5	22	22	12.5	41.5	350	5075
AMFDM1818	18X1.5	18X1.5	22	24	14	42	315	4568
AMFDM2020	20X1.5	20X1.5	27	27	14	45.5	315	4568
AMFDM2222	22X1.5	22X1.5	27	27	14	45.5	315	4568
AMFDM2424	24X1.5	24X1.5	30	30	16	49	315	4568
AMFDM2626	26X1.5	26X1.5	32	32	16	51.5	250	3625
AMFDM3030	30X1.5	30X1.5	38	36	18	57.5	200	2900

## 90° ZŁĄCZKA METRYCZNA MĘSKA - METRYCZNA NAKRĘTKA ŻEŃSKA



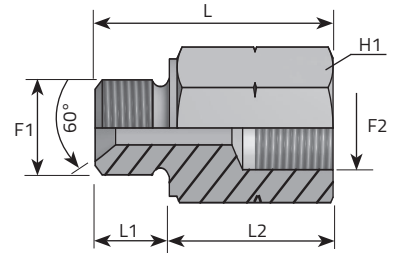
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	± mm	± mm		
AMF90M1010	10X1	10X1	14	15	29	33	350	5075
AMF90M1212	12x1.5	12X1.5	17	17	35	33	350	5075
AMF90M1414	14X1.5	14X1.5	19	19	28	30	350	5075
AMF90M1616	16X1.5	16X1.5	22	22	39	48	350	5075
AMF90M1818	18X1.5	18X1.5	24	24	41	48	315	4568
AMF90M2020	20X1.5	20X1.5	27	27	44.5	61.5	315	4568
AMF90M2222	22X1.5	22X1.5	27	27	44.5	61.5	315	4568
AMF90M2424	24X1.5	24X1.5	30	30	54	69	315	4568
AMF90M2626	26X1.5	26X1.5	32	32	55.5	77	250	3625

## 45° ZŁĄCZKA METRYCZNA MĘSKA - METRYCZNA NAKRĘTKA ŻEŃSKA



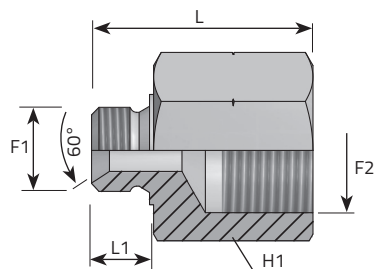
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	≈ mm	≈ mm		
AMF45M1010	10X1	10X1	14	15	-	-	350	5075
AMF45M1212	12X1.5	12X1.5	17	17	-	-	350	5075
AMF45M1414	14x1.5	14X1.5	19	19	23	55	350	5075
AMF45M1616	16X1.5	16X1.5	22	22	34	65	350	5075
AMF45M1818	18X1.5	18X1.5	24	24	30	81	315	4568
AMF45M2020	20X1.5	20X1.5	27	27	30	81	315	4568
AMF45M2222	22X1.5	22X1.5	27	27	30	81	315	4568
AMF45M2424	24X1.5	24X1.5	30	30	-	-	315	4568
AMF45M2626	26X1.5	26X1.5	32	32	35	115	250	3625

## ZŁĄCZKA METRYCZNA MĘSKA - METRYCZNA STAŁA ŻEŃSKA



Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	L1 mm	L2 mm	L mm	Bar	Psi
APMFM1027	10X1	10X1	14	9.5	17.5	27	350	5075
APMFM1040.5	10X1	10X1	14	9.5	31	40.5	350	5075
APMFM1433	14X1.5	14x1.5	19	11	22	33	350	5075
APMFM1635	16X1.5	16X1.5	22	12.5	22.5	35	350	5075
APMFM1840	18X1.5	18X1.5	24	14	26	40	315	4568
APMFM1845	18X1.5	18X1.5	24	14	31	45	315	4568
APMFM1850	18X1.5	18X1.5	24	14	36	50	315	4568
APMFM2045	20X1.5	20X1.5	27	14	31	45	315	4568
APMFM2060	20X1.5	20X1.5	27	14	46	60	315	4568
APMFM2240	22X1.5	22X1.5	27	14	26	40	315	4568
APMFM2260	22X1.5	22X1.5	27	14	46	60	315	4568

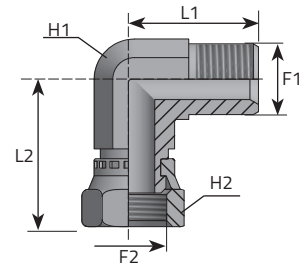
## REDUKCYJNA ZŁĄCZKA METRYCZNA MĘSKA – STAŁA METRYCZNA ŻEŃSKA



Code	Thread		Dimensions			Pressure	
	F1	F2	H1	L1	L	Bar	Psi
			mm	mm	mm		
ARMFLM1814	18x1.5	14x1.5	24	14	41	315	4568
ARMFLM1822	18x1.5	22x1.5	27	14	45	315	4568
ARMFLM2218	22x1.5	18x1.5	27	14	45	315	4568

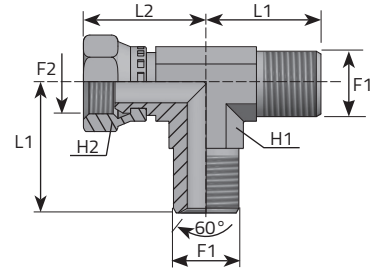


## 90° ZŁĄCZKA METRYCZNA MĘSKA - METRYCZNA NAKRĘTKA ŻEŃSKA



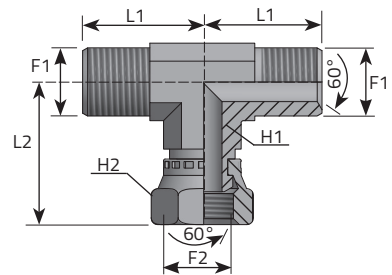
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
LMM12FGM12	12X1.5	12X1.5	14	15	22	28.5	350	5075
LMM14FGM14	14X1.5	14X1.5	14	19	27	30.5	350	5075
LMM16FGM16	16X1.5	16X1.5	19	22	29	36	350	5075
LMM18FGM18	18X1.5	18X1.5	19	22	29	36	315	4568
LMM20FGM20	20X1.5	20X1.5	22	27	36.5	39	315	4568
LMM22FGM22	22X1.5	22X1.5	22	27	36.5	39	315	4568
LMM26FGM26	26X1.5	26X1.5	27	32	42	45	250	3625
LMM30FGM30	30X1.5	30X1.5	33	36	50	50	200	2900

## TRÓJNIK METRYCZNY MĘSKI – METRYCZNA NAKRĘTKA ŻEŃSKA



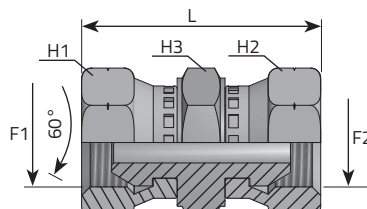
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
TMM12FGM12B	12X1.5	12X1.5	14	15	20	28.5	350	5075
TMM14FGM14B	14X1.5	14X1.5	14	19	27	30.5	350	5075
TMM16FGM16B	16X1.5	16X1.5	19	22	29	36	350	5075
TMM18FGM18B	18X1.5	18X1.5	19	24	29	36	315	4568
TMM20FGM20B	20X1.5	20X1.5	22	27	36.5	39	315	4568
TMM22FGM22B	22X1.5	22X1.5	22	27	36.5	39	315	4568
TMM26FGM26B	26X1.5	26X1.5	27	32	42.5	45	250	3625
TMM30FGM30B	30X1.5	30X1.5	33	36	50	50	200	2900

## TRÓJNIK METRYCZNY MĘSKI – METRYCZNA NAKRĘTKA ŻEŃSKA



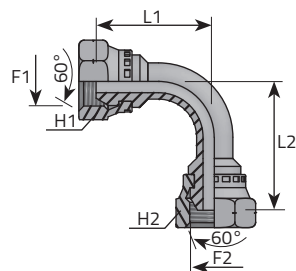
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	mm	mm		
TMM12FGM12P	12X1.5	12X1.5	14	15	20	28.5	350	5075
TMM14FGM14P	14X1.5	14X1.5	14	19	27	30.5	350	5075
TMM16FGM16P	16X1.5	16X1.5	19	22	29	36	350	5075
TMM18FGM18P	18X1.5	18X1.5	19	22	29	36	315	4568
TMM20FGM20P	20X1.5	20X1.5	22	27	36.5	39	315	4568
TMM22FGM22P	22X1.5	22X1.5	22	27	36.5	39	315	4568
TMM26FGM26P	26X1.5	26X1.5	27	32	42.5	45	250	3625
TMM30FGM30P	30X1.5	30X1.5	33	41	50	50	200	2900

## ZŁĄCZKA METRYCZNA NAKRĘTKA ŻEŃSKA - METRYCZNA NAKRĘTKA ŻEŃSKA



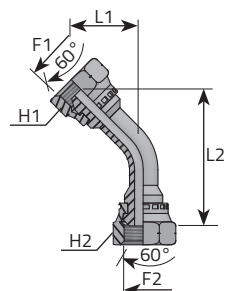
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	H3 mm	L mm	Bar	Psi
AFFDM1010	10X1	10X1	15	15	14	38	350	5075
AFFDM1212	12X1.5	12X1.5	17	17	14	37	350	5075
AFFDM1414	14X1.5	14X1.5	19	19	19	40	350	5075
AFFDM1616	16X1.5	16X1.5	22	22	22	43.5	350	5075
AFFDM1818	18X1.5	18X1.5	22	22	22	44	315	4568
AFFDM2020	20X1.5	20X1.5	27	27	27	50	315	4568
AFFDM2222	22X1.5	22X1.5	27	27	27	50	315	4568
AFFDM2424	24X1.5	24X1.5	30	30	30	54	315	4568
AFFDM2626	26X1.5	26X1.5	32	32	32	56.5	250	3625

## 90° ZŁĄCZKA METRYCZNA NAKRĘTKA ŻEŃSKA - METRYCZNA NAKRĘTKA ŻEŃSKA



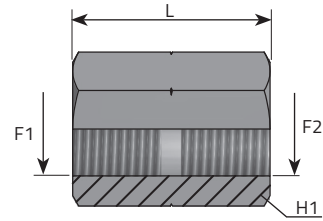
Code	Thread		Dimensions				Pressure	
	F1	F2	H1	H2	L1	L2	Bar	Psi
			mm	mm	±mm	±mm		
AFF90M1010	10X1	10X1	15	15	29	31	350	5075
AFF90M1212	12X1.5	12X1.5	17	17	29	31	350	5075
AFF90M1414	14X1.5	14X1.5	19	19	30	30	350	5075
AFF90M1616	16X1.5	16X1.5	22	22	43	43	350	5075
AFF90M1818	18X1.5	18X1.5	22	22	43	43	315	4568
AFF90M2020	20X1.5	20X1.5	27	27	48	48	315	4568
AFF90M2222	22X1.5	22X1.5	27	27	47	47	315	4568
AFF90M2424	24X1.5	24X1.5	30	30	48	50	315	4568
AFF90M2626	26X1.5	26X1.5	32	32	61	61	250	3625

## 45° ZŁĄCZKA METRYCZNA NAKRĘTKA ŻEŃSKA - METRYCZNA NAKRĘTKA ŻEŃSKA



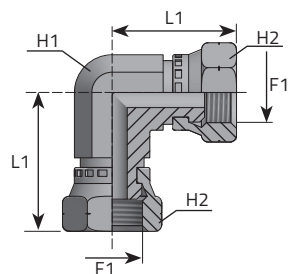
Code	Thread		Dimensions				Pressure	
	F1	F2	H1 mm	H2 mm	L1 ±mm	L2 ±mm	Bar	Psi
AFF45M1010	10X1	10X1	15	15	-	-	350	5075
AFF45M1212	12X1.5	12X1.5	17	17	-	-	350	5075
AFF45M1414	14X1.5	14X1.5	19	19	20	51	350	5075
AFF45M1616	16X1.5	16X1.5	22	22	20	65	350	5075
AFF45M1818	18X1.5	18X1.5	22	22	20	65	315	4568
AFF45M2020	20X1.5	20X1.5	27	27	25	73	315	4568
AFF45M2222	22X1.5	22X1.5	27	27	27	78	315	4568
AFF45M2424	24X1.5	24X1.5	30	30	31	73	315	4568
AFF45M2626	26X1.5	26X1.5	32	32	30	103	250	3625

## ZŁĄCZKA METRYCZNA STAŁA ŻEŃSKA - METRYCZNA STAŁA ŻEŃSKA



Code	Thread		Dimensions		Pressure	
	F1	F2	H1 mm	L mm	Bar	Psi
APFFM1414	14X1.5	14X1.5	19	30	350	5075
APFFM1616	16X1.5	16X1.5	22	35	350	5075
APFFM1818	18X1.5	18X1.5	24	35	315	4568
APFFM2222	22X1.5	22X1.5	27	40	315	4568

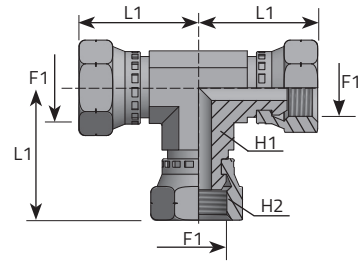
## 90° METRYCZNA NAKRĘTKA ŻEŃSKA ZŁĄCZKA



Code	Thread	Dimensions			Pressure	
		H1 mm	H2 mm	L1 mm	Bar	Psi
	F1					
LFGM12	12X1.5	14	15	28.5	350	5075
LFGM14	14X1.5	14	19	30.5	350	5075
LFGM16	16X1.5	19	22	36	350	5075
LFGM18	18X1.5	19	22	36	315	4568
LFGM20	20X1.5	22	27	39	315	4568
LFGM22	22X1.5	22	27	39	315	4568
LFGM26	26X1.5	27	32	45	250	3625
LFGM30	30X1.5	33	41	50	200	2900

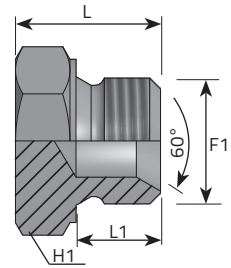


## TRÓJNIK METRYCZNY ŻEŃSKI



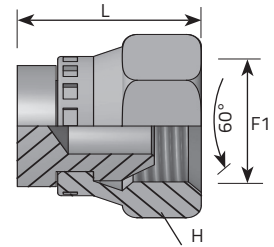
Code	Thread	Dimensions			Pressure	
		H1 mm	H2 mm	L1 mm	Bar	Psi
	F1					
TFGM12	12X1.5	14	15	28.5	350	5075
TFGM14	14X1.5	14	19	30.5	350	5075
TFGM16	16X1.5	19	22	36	350	5075
TFGM18	18X1.5	19	22	36	315	4568
TFGM20	20X1.5	22	27	39	315	4568
TFGM22	22X1.5	22	27	39	315	4568
TFGM26	26X1.5	27	32	45	250	3625
TFGM30	30X1.5	33	41	50	200	2900

## MĘSKI KOREK BSPP



Code	Thread	Dimensions			Pressure	
		H1 mm	L1 mm	L mm	Bar	Psi
	F1					
ATMG02	1/8"	14	9.5	15.5	350	5075
ATMG04	1/4"	19	11	18	350	5075
ATMG06	3/8"	22	12.5	20.5	350	5075
ATMG08	1/2"	27	14	24	315	4568
ATMG10	5/8"	30	16	27	315	4568
ATMG12	3/4"	32	16	26	250	3625
ATMG16	1"	41	18	31	200	2900
ATMG20	1.1/4"	50	20	34	160	2320
ATMG24	1.1/2"	55	22	36	125	1813
ATMG32	2"	70	25	41	80	1160

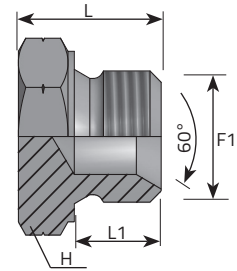
## NAKRĘTKA ŻEŃSKA KOREK BSPP



Code	Thread	Dimensions		Pressure	
		H mm	L mm	Bar	Psi
	F1				
ATFG02	1/8"	15	18	350	5075
ATFG04	1/4"	19	20	350	5075
ATFG06	3/8"	22	24	350	5075
ATFG08	1/2"	27	25.5	315	4568
ATFG10	5/8"	28	25	315	4568
ATFG12	3/4"	32	28	250	3625
ATFG16	1"	38	32	200	2900
ATFG20	1.1/4"	50	37	160	2320
ATFG24	1.1/2"	55	39.5	125	1813
* ATFG32	2"	70	40.5	80	1160

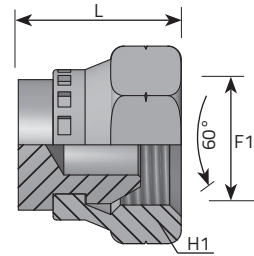
\* Thrust-wire nut  
Dado spinato

## KOREK METRYCZNY MĘSKI



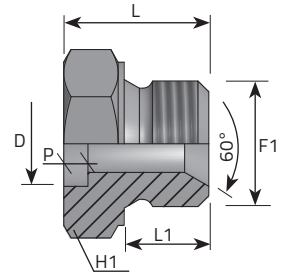
Code	Thread	Dimensions			Pressure	
		CH mm	L1 mm	L mm	Bar	Psi
	F1					
ATMM08	8X1	9	12.5	18	350	5075
ATMM10	10X1	14	9.5	15.5	350	5075
ATMM10x1,5	10X1.5	14	9.5	15.5	350	5075
ATMM12	12X1.5	17	11	18	350	5075
ATMM14	14X1.5	19	11	18	350	5075
ATMM16	16X1.5	22	12.5	20.5	350	5075
ATMM18	18X1.5	24	14	22	315	4568
ATMM20	20X1.5	27	14	24	315	4568
ATMM22	22X1.5	27	14	24	315	4568
ATMM24	24X1.5	30	16	25	315	4568
ATMM26	26X1.5	32	16	26	250	3625
ATMM28	28X1.5	34	16	26	250	3625
ATMM30	30X1.5	38	18	29	200	2900

## NAKRĘTKA METRYCZNA ŻEŃSKA KOREK



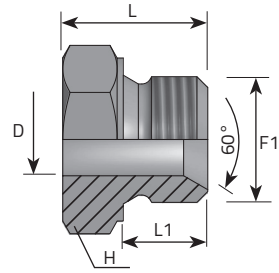
Code	Thread	Dimensions		Pressure	
		H1 mm	L mm	Bar	Psi
	<b>F1</b>				
ATFM10	10X1	15	18	350	5075
ATFM12	12X1.5	17	18.5	350	5075
ATFM14	14X1.5	19	20	350	5075
ATFM16	16X1.5	22	21.5	350	5075
ATFM18	18X1.5	22	21.5	315	4568
ATFM20	20X1.5	27	24	315	4568
ATFM22	22X1.5	27	24	315	4568
ATFM24	24X1.5	30	26,5	315	4568
ATFM26	26X1.5	32	28.5	250	3625
ATFM28	28X1.5	32	30	250	3625
ATFM30	30X1.5	36	30.5	200	2900

## DO SPAWANIA ZŁĄCZKA BSPP



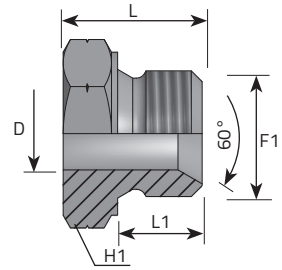
Code	Thread	Dimensions					Pressure	
		H1 mm	L1 mm	L mm	D mm	P mm	Bar	Psi
	F1							
AMNS04T08	1/4"	19	11	18	8	4	350	5075
AMNS04T10	1/4"	19	11	18	10	4	350	5075
AMNS04T12	1/4"	19	11	18	12	4	350	5075
AMNS06T10	3/8"	22	12.5	20.5	10	6	350	5075
AMNS06T12	3/8"	22	12.5	20.5	12	5.5	350	5075
AMNS06T14	3/8"	22	12.5	20.5	14	5.5	350	5075
AMNS08T14	1/2"	27	14	24	14	6	315	4568
AMNS08T15	1/2"	27	14	24	15	6	315	4568
AMNS08T16	1/2"	27	14	24	16	6	315	4568
AMNS08T15FP	1/2"	27	14	24	15	6	315	4568
AMNS08T16FP	1/2"	27	14	24	16	6	315	4568
AMNS12T25	3/4"	32	16	26	25	6	250	3625
AMNS16T26	1"	41	18	31	26	7	200	2900

## DO SPAWANIA ZŁĄCZKA BSPP



Code	Thread	Dimensions				Pressure	
		H	L1	L	D	Bar	Psi
	F1	mm	mm	mm	mm		
AMNS02	1/8"	14	9.5	15.5	4	350	5075
AMNS04	1/4"	19	11	18	7	350	5075
AMNS06	3/8"	22	12.5	20.5	9.5	350	5075
AMNS08	1/2"	27	14	24	12	315	4568
AMNS10	5/8"	27	16	26	14	315	4568
AMNS12	3/4"	32	16	26	16	250	3625
AMNS16	1"	41	18	31	22	200	2900
AMNS20	1.1/4"	50	20	34	26	160	2320
AMNS24	1.1/2"	55	22	36	35	125	1813
AMNS32	2"	70	25	41	45	80	1160

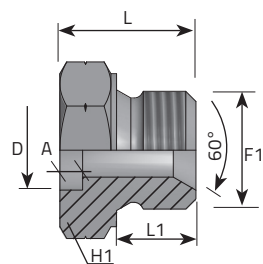
## METRYCZNA DO SPAWANIA ZŁĄCZKA BSPP



Code	Thread	Dimensions				Pressure	
		H1 mm	L1 mm	L mm	D mm	Bar	Psi
	F1						
AMNSM10	10X1	14	9.5	15.5	4	350	5075
AMNSM12	12X1.5	17	11	18	5	350	5075
AMNSM14	14X1.5	19	11	18	7	350	5075
AMNSM16	16X1.5	22	12.5	20.5	9.5	350	5075
AMNSM18	18X1.5	24	14	22	9.5	315	4568
AMNSM20	20X1.5	27	14	24	12	315	4568
AMNSM22	22X1.5	27	14	24	12	315	4568
AMNSM24	24X1.5	30	16	25	14	315	4568
AMNSM26	26X1.5	32	16	26	17	250	3625

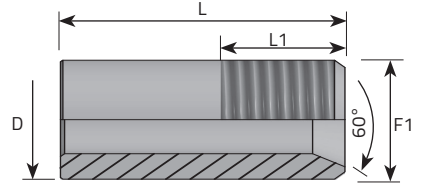


## METRYCZNA DO SPAWANIA ZŁĄCZKA BSPP



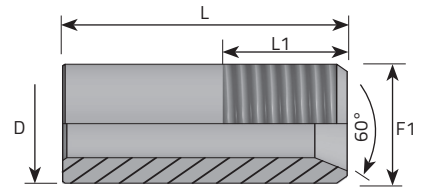
Code	Thread	Dimensions					Pressure	
		H1 mm	L1 mm	L mm	D mm	A mm	Bar	Psi
	F1							
AMNSM14T10	14x1.5	19	11	18	10	6	350	5075
AMNSM14T12	14x1.5	19	11	18	12	6	350	5075
AMNSM16T12	16x1.5	22	12.5	20.5	12	6	350	5075
AMNSM18T14	18x1.5	24	14	22	14	6	315	4568
AMNSM18T15	18x1.5	24	14	22	15	6	315	4568
AMNSM22T16	22x1.5	27	14	24	16	7	315	4568
AMNSM22T22	22x1.5	27	14	24	22	7	315	4568

## DO SPAWANIAMĘSKA BSPP



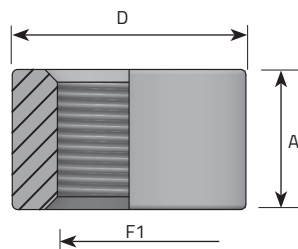
Code	Thread	Dimensions			Pressure	
		D mm	L1 mm	L mm	Bar	Psi
	F1					
ATSG02	1/8"	10	9.5	24	350	5075
ATSG04	1/4"	14	11	25	350	5075
ATSG06	3/8"	17	12.5	35	350	5075
ATSG08	1/2"	21	14	35	315	4568
ATSG10	5/8"	24	16	35	315	4568
ATSG12	3/4"	28	16	36	250	3625
ATSG16	1"	34	18	41	200	2900
ATSG20	1.1/4"	42	20	45	160	2320
ATSG24	1.1/2"	48	21	50	125	1813
ATSG32	2"	60	25	50	80	1160

## DO SPAWANIA METRYCZNA MĘSKA



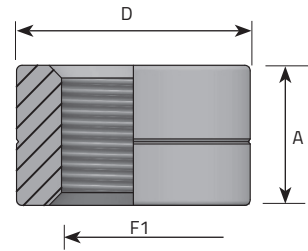
Code	Thread	Dimensions			Pressure	
		D mm	L1 mm	L mm	Bar	Psi
	F1					
ATSM14	14X1.5	14	11	25	350	5075
ATSM16	16X1.5	16	12.5	30	350	5075
ATSM18	18X1.5	18	14	35	315	4568
ATSM20	20X1.5	20	14	35	315	4568
ATSM22	22X1.5	22	14	35	315	4568
ATSM26	26X1,5	26	16	40	250	3625

## DO SPAWANIA BSPP



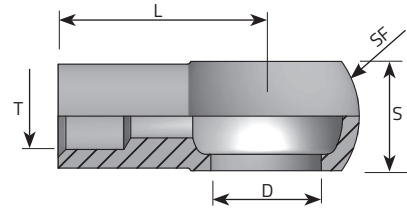
Code	Thread	Dimensions		Pressure	
		A	D	Bar	Psi
	F1	mm	mm		
ABSG02	1/8"	14	20	350	5075
ABSG04	1/4"	16	22	350	5075
ABSG06	3/8"	18	26	350	5075
ABSG08	1/2"	18	30	315	4568
ABSG12	3/4"	20	38	250	3625
ABSG12H40	3/4"	40	38	250	3625
ABSG16	1"	26	46	200	2900
ABSG16H40	1"	40	46	200	2900
ABSG20	1.1/4"	26	56	160	2320
ABSG24	1.1/2"	30	62	125	1813
ABSG32	2"	30	70	80	1160

## METRYCZNA DO SPAWANIA



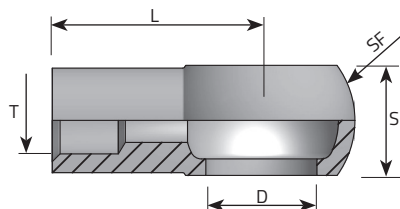
Code	Thread	Dimensions		Pressure	
		A	D	Bar	Psi
		F1			
		mm	mm		
ABSM12	12X1.5	14	20	350	5075
ABSM14	14X1.5	16	22	350	5075
ABSM16	16X1.5	18.5	26	350	5075
ABSM18	18X1.5	18	26	315	4568
ABSM20	20X1.5	18	30	315	4568
ABSM22	22X1.5	18	30	315	4568

## DO SPAWANIA BANJO BSPP



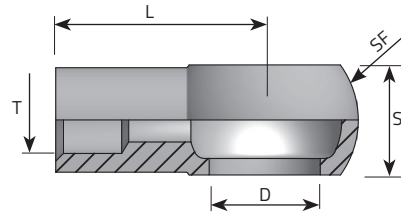
Code	Thread	Dimensions					Pressure	
		D mm	S mm	L mm	T mm	SF mm	Bar	Psi
AOSG0206		1/8"	10	19	6	17		
AOSG0406		1/4"	14	24	6	24		
AOSG0408		1/4"	14	24	8	24		
AOSG0410		1/4"	14	24	10	24		
AOSG0412		1/4"	15	24	12	24		
AOSG0610		3/8"	17	27	10	28		
AOSG0612		3/8"	17	27	12	28		
AOSG0614		3/8"	17	27	14	28		
AOSG0615		3/8"	18	27	15	28		
AOSG0812		1/2"	22	32	12	35		
AOSG0814		1/2"	22	32	14	35		
AOSG0815		1/2"	22	32	15	35		
AOSG0816		1/2"	22	32	16	35		
AOSG0818		1/2"	22	32	18	35		
AOSG1018		5/8"	24	33	18	38		
AOSG1022		5/8"	25	35	22	38		
AOSG1218		3/4"	30	40	18	46		
AOSG1220		3/4"	30	40	20	46		
AOSG1222		3/4"	30	40	22	46		
AOSG1625		1"	38	45	25	58		
AOSG1627		1"	38	45	27	58		

## METRYCZNA DO SPAWANIA BANJO (1)



Code	Thread	Dimensions					Pressure	
		D mm	S mm	L mm	T mm	SF mm	Bar	Psi
AOSM0604		6	8	14	4	12		
AOSM0804		8	8	15	4	14		
AOSM0805		8	8	15	5	14		
AOSM0806		8	8	15	6	14		
AOSM1006		10	10	19	6	17		
AOSM1008		10	12	22	8	20		
AOSM1206		12	12	22	6	20		
AOSM1208		12	12	22	8	20		
AOSM1210		12	13	22	10	20		
AOSM1406		14	14	24	6	24		
AOSM1408		14	14	24	8	24		
AOSM1410		14	14	24	10	24		
AOSM1412		14	15	24	12	24		
AOSM1610		16	17	27	10	28		
AOSM1612		16	17	27	12	28		
AOSM1614		16	17	27	14	28		
AOSM1810		18	20	29	10	32		
AOSM1812		18	20	29	12	32		
AOSM1814		18	20	29	14	32		
AOSM1815		18	20	29	15	32		

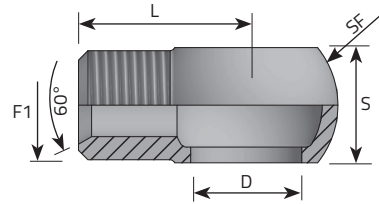
## METRYCZNA DO SPAWANIA BANJO (2)



Code	Thread	Dimensions					Pressure	
		D mm	S mm	L mm	T mm	SF mm	Bar	Psi
AOSM1816		18	20	29	16	32		
<b>AOSM1818</b>		<b>18</b>	<b>20</b>	<b>29</b>	<b>18</b>	<b>32</b>		
AOSM2010		20	22	32	10	35		
<b>AOSM2012</b>		<b>20</b>	<b>22</b>	<b>32</b>	<b>12</b>	<b>35</b>		
AOSM2014		20	22	32	14	35		
<b>AOSM2015</b>		<b>20</b>	<b>22</b>	<b>32</b>	<b>15</b>	<b>35</b>		
AOSM2016		20	22	32	16	35		
<b>AOSM2210</b>		<b>22</b>	<b>22</b>	<b>32</b>	<b>10</b>	<b>35</b>		
AOSM2212		22	22	32	12	35		
<b>AOSM2214</b>		<b>22</b>	<b>22</b>	<b>32</b>	<b>14</b>	<b>35</b>		
AOSM2215		22	22	32	15	35		
<b>AOSM2216</b>		<b>22</b>	<b>22</b>	<b>32</b>	<b>16</b>	<b>35</b>		
AOSM2218		22	22	32	18	35		
<b>AOSM2220</b>		<b>22</b>	<b>22</b>	<b>32</b>	<b>20</b>	<b>38</b>		
AOSM2416		24	26	36	16	42		
<b>AOSM2418</b>		<b>24</b>	<b>26</b>	<b>36</b>	<b>18</b>	<b>42</b>		
AOSM2420		24	26	36	20	42		
<b>AOSM2620</b>		<b>26</b>	<b>30</b>	<b>40</b>	<b>20</b>	<b>46</b>		
AOSM2622		26	30	40	22	46		
<b>AOSM3028</b>		<b>30</b>	<b>32</b>	<b>40</b>	<b>28</b>	<b>48</b>		

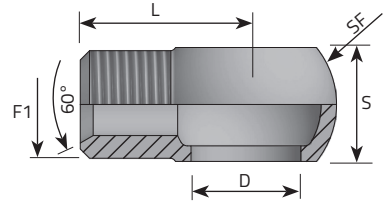


## BANJO BSPP – MĘSKA BSPP



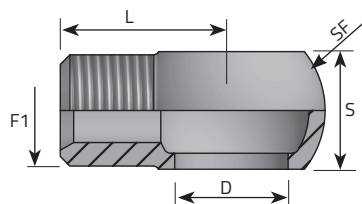
Code	Thread	Dimensions				Pressure	
		D	S	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOFG0202	1/8"	1/8"	10	24	17		
<b>AOFG0404</b>	<b>1/4"</b>	<b>1/4"</b>	<b>14</b>	<b>24</b>	<b>24</b>		
AOFG0604	1/4"	3/8"	17	29	28		
<b>AOFG0606</b>	<b>3/8"</b>	<b>3/8"</b>	<b>17</b>	<b>29</b>	<b>28</b>		
AOFG0608	1/2"	3/8"	22	35	32		
<b>AOFG0804</b>	<b>1/4"</b>	<b>1/2"</b>	<b>22</b>	<b>29</b>	<b>35</b>		
AOFG0806	3/8"	1/2"	22	32	35		
<b>AOFG0808</b>	<b>1/2"</b>	<b>1/2"</b>	<b>22</b>	<b>32</b>	<b>35</b>		
AOFG1208	1/2"	3/4"	30	41	46		
<b>AOFG1212</b>	<b>3/4"</b>	<b>3/4"</b>	<b>30</b>	<b>38</b>	<b>46</b>		
AOFG1612	3/4"	1"	38	42	58		
<b>AOFG1616</b>	<b>1"</b>	<b>1"</b>	<b>38</b>	<b>44</b>	<b>58</b>		

## BANJO BSPP – METRYCZNA MĘSKA



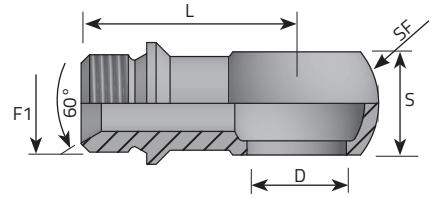
Code	Thread	Dimensions				Pressure	
		D	S	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOFGM0414	14X1.5	1/4"	14	24	24		
AOFGM0614	14X1.5	3/8"	17	29	28		
AOFGM0616	16X1.5	3/8"	17	29	28		
AOFGM0618	18X1.5	3/8"	17	29	28		
AOFGM0818	18X1.5	1/2"	22	32	35		
AOFGM0822	22X1.5	1/2"	22	32	35		

## METRYCZNA BANJO – MĘSKA BSPP



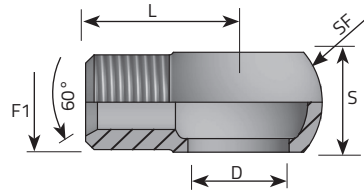
Code	Thread	Dimensions				Pressure	
		D	S	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOFMG1404	1/4"	14	14	24	24		
AOFMG1406	3/8"	14	17	27	28		
AOFMG1606	3/8"	16	17	27	28		
AOFMG1806	3/8"	18	20	27	32		
AOFMG1808	1/2"	18	21	32	35		
AOFMG2206	3/8"	22	22	32	35		
AOFMG2208	1/2"	22	22	35	35		

## BANJO BSPP – MĘSKA BSPP Z PROWADZENIEM



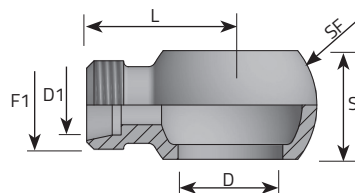
Code	Thread	Dimensions				Pressure	
		D	S	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOFG0404B	1/4"	1/4"	14	34.5	24		
AOFG0604B	1/4"	3/8"	17	39.5	28		
AOFG0606B	3/8"	3/8"	17	39.5	28		
AOFG0608B	1/2"	3/8"	17	45.5	28		
AOFG0806B	3/8"	1/2"	22	45	35		
AOFG0808B	1/2"	1/2"	22	46	35		
AOFG1212B	3/4"	3/4"	30	45	46		
AOFG1616B	1"	1"	-	-	-		

## METRYCZNA BANJO – METRYCZNA MĘSKA



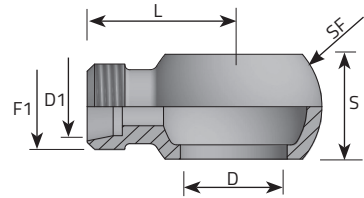
Code	Thread	Dimensions				Pressure	
		D	S	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOFM1010	10x1	10x1	10	24	17		
AOFM1212	12x1.5	12x1.5	12	24	20		
AOFM1414	14x1.5	14x1.5	14	24	24		
AOFM1616	16x1.5	16x1.5	17	29	28		
AOFM1816	16x1.5	18x1.5	20	28	32		
AOFM1818	18x1.5	18x1.5	20	32	32		
AOFM1822	22x1.5	18x1.5	23	32	32		
AOFM2018	18x1.5	20x1.5	22	32	35		
AOFM2020	20x1.5	20x1.5	22	32	35		
AOFM2218	18x1.5	22x1.5	23	30	35		
AOFM2222	22x1.5	22x1.5	23	32	35		
AOFM2626	26x1.5	26x1.5	29	38	46		

## METRYCZNA BANJO – MĘSKA DIN 24°



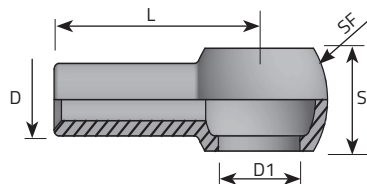
Code	Thread	Dimensions				Pressure	
		D	D1	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOM12L6.1	12x1.5	12	6	21	20		
AOM14L8.1	14x1.5	14	8	22	24		
AOM16L10.1	16x1.5	16	10	28.6	28		
AOM18L10.1	16x1.5	18	10	28	32		
AOM18L12.1	18x1.5	18	12	28	32		
AOM18L15.1	22x1.5	18	15	25	32		
AOM20L12.1	18x1.5	20	12	25	35		
AOM20L15.1	22x1.5	20	15	26	35		
AOM22L12.1	18x1.5	22	12	25	35		
AOM22L15.1	22x1.5	22	15	26	35		
AOM26L18.1	26x1.5	26	18	30	46		

## BANJO BSPP – MĘSKA DIN 24°



Code	Thread	Dimensions				Pressure	
		D	D1	L	SF	Bar	Psi
	F1	mm	mm	mm	mm		
AOG04L8.1	14X1.5	1/4"	8	22	24		
AOG06L8.1	14X1.5	3/8"	8	24	28		
AOG06L10.1	16X1.5	3/8"	10	27	28		
AOG06L12.1	18X1.5	3/8"	12	27	28		
AOG08L12.1	18X1.5	1/2"	12	29	35		
AOG08L15.1	22X1.5	1/2"	15	29.5	35		

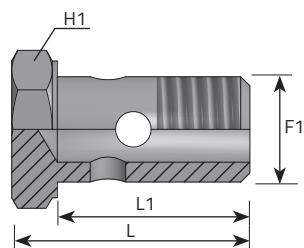
## BANJO BSPP Z KRÓĆCEM



Code	Thread	Dimensions				Pressure	
		D1	S	L	SF	Bar	Psi
	D	mm	mm	mm	mm		
AOG06PDL12	12	3/8"	17	42	28		

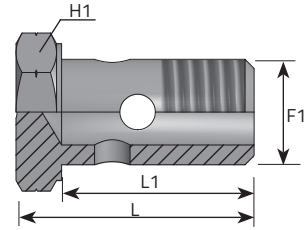


## BSPP ŚRUBA



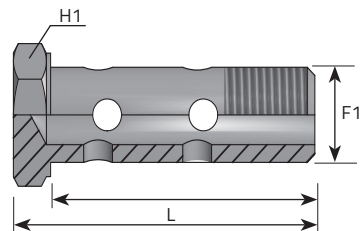
Code	Thread	Dimensions			Pressure	
		H1 mm	L1 mm	L mm	Bar	Psi
	F1					
ABFG02	1/8"	14	19	24.5	350	5075
ABFG04	1/4"	19	27	33	350	5075
ABFG06	3/8"	22	32.5	40	350	5075
ABFG08	1/2"	27	38	47	315	4568
ABFG10	5/8"	30	41	49	315	4568
ABFG12	3/4"	32	46	56	250	3625
ABFG16	1"	41	57	70.5	200	2900
ABFG20	1.1/4"	50	69	83	160	2320
ABFG24	1.1/2"	55	69	80	125	1813

## METRYCZNA ŚRUBA



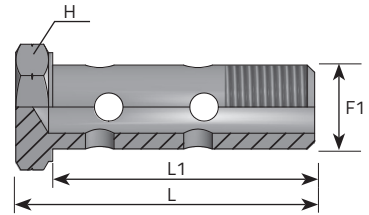
Code	Thread	Dimensions			Pressure	
		H1 mm	L1 mm	L mm	Bar	Psi
	<b>F1</b>					
ABFM06	6X1	10	16	21	350	5075
<b>ABFM08</b>	<b>8X1</b>	<b>12</b>	<b>16</b>	<b>21</b>	<b>350</b>	<b>5075</b>
ABFM08X1.25	8X1.25	12	16	21	350	5075
<b>ABFM08X1.5</b>	<b>8X1.5</b>	<b>12</b>	<b>16</b>	<b>21</b>	<b>350</b>	<b>5075</b>
ABFM10	10X1	14	19.5	24.5	350	5075
<b>ABFM10X1.25</b>	<b>10X1.25</b>	<b>14</b>	<b>19.5</b>	<b>24.5</b>	<b>350</b>	<b>5075</b>
ABFM10X1.5	10X1.5	14	19.5	24.5	350	5075
<b>ABFM12</b>	<b>12X1.5</b>	<b>17</b>	<b>24.5</b>	<b>31</b>	<b>350</b>	<b>5075</b>
ABFM12X1	12X1	17	24.5	31	350	5075
<b>ABFM12X1.25</b>	<b>12X1.25</b>	<b>17</b>	<b>24.5</b>	<b>31</b>	<b>350</b>	<b>5075</b>
ABFM14	14X1.5	19	27	33	350	5075
<b>ABFM16</b>	<b>16X1.5</b>	<b>22</b>	<b>32</b>	<b>40</b>	<b>350</b>	<b>5075</b>
ABFM18	18X1.5	24	36	44	315	4568
<b>ABFM20</b>	<b>20X1.5</b>	<b>27</b>	<b>38</b>	<b>47</b>	<b>315</b>	<b>4568</b>
ABFM22	22X1.5	27	38	47	315	4568
<b>ABFM24</b>	<b>24X1.5</b>	<b>30</b>	<b>46.5</b>	<b>56.6</b>	<b>315</b>	<b>4568</b>
ABFM24X2	24X2	30	46.5	56.5	315	4568
<b>ABFM26</b>	<b>26X1.5</b>	<b>32</b>	<b>46.5</b>	<b>56</b>	<b>250</b>	<b>3625</b>
ABFM30	30X1.5	38	58	69	200	2900

## PODWÓJNA BSPP ŚRUBA



Code	Thread	Dimensions			Pressure	
		H1 mm	L1 mm	L mm	Bar	Psi
	F1					
ABFDG02	1/8"	14	30.5	35.5	350	5075
ABFDG04	1/4"	19	43	49.5	350	5075
ABFDG06	3/8"	22	50.5	58	350	5075
ABFDG08	1/2"	27	64	73	315	4568
ABFDG10	5/8"	30	66.5	74.5	315	4568
ABFDG12	3/4"	32	81	92	250	3625
ABFDG16	1"	41	96	110	200	2900
ABFDG20	1.1/4"	50	-	-	160	2320
ABFDG24	1.1/2"	55	-	-	125	1813

## PODWÓJNA METRYCZNA ŚRUBA



Code	Thread	Dimensions			Pressure	
		H mm	L1 mm	L mm	Bar	Psi
	F1					
ABFDM08	8X1	12	29	34	350	5075
ABFDM08X1.25	8X1.25	12	29	34	350	5075
ABFDM10	10X1	14	33	38	350	5075
ABFDM10X1.25	10X1.25	14	33	38	350	5075
ABFDM12	12X1.5	17	37	43	350	5075
ABFDM12X1.25	12X1.25	17	37	43	350	5075
ABFDM14	14X1.5	19	43	49.5	350	5075
ABFDM16	16X1.5	22	50	58	350	5075
ABFDM18	18X1.5	24	58	66	315	4568
ABFDM20	20X1.5	27	64	73	315	4568
ABFDM22	22X1.5	27	64	73	315	4568
ABFDM26	26X1.5	32	81	92	250	3625



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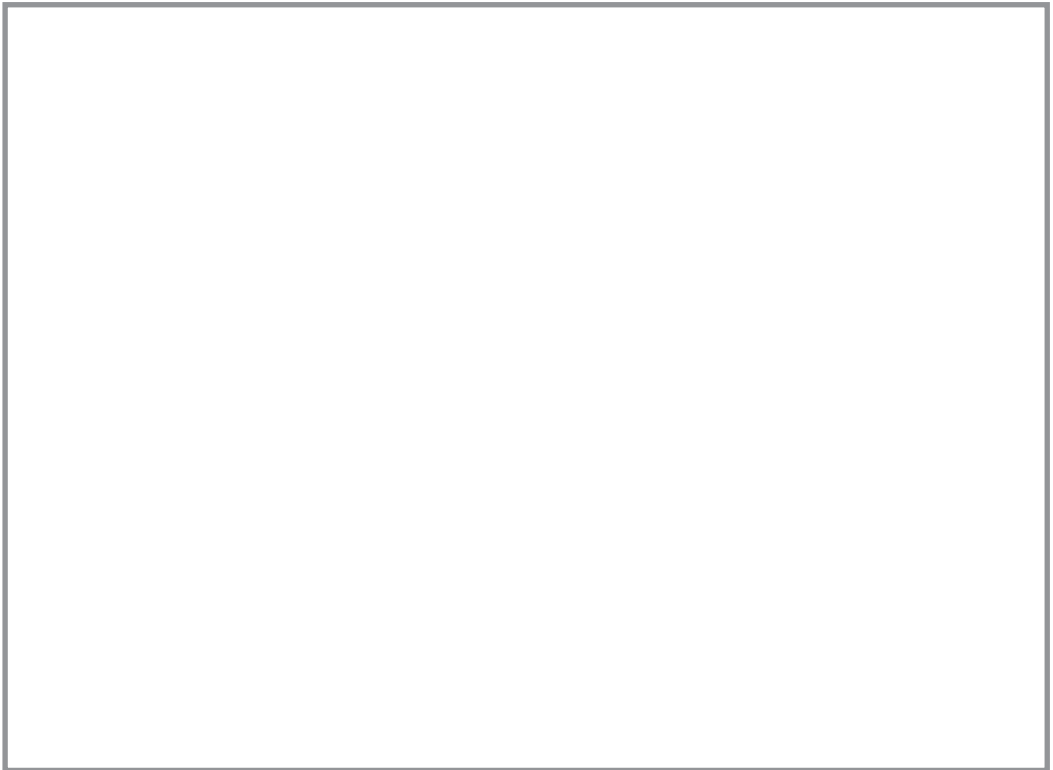
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