

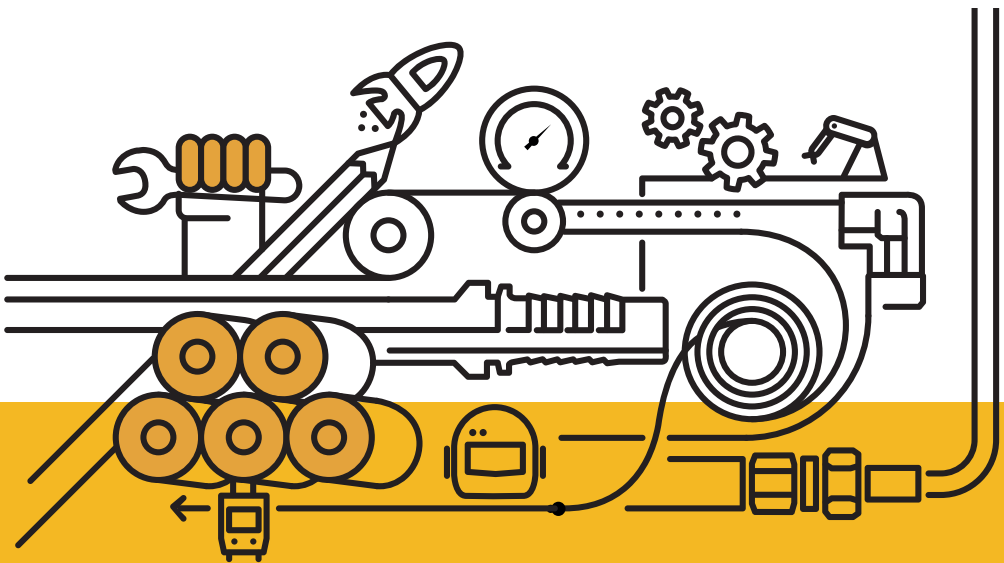
# Złączki

---

Lepiej czujemy się pod ciśnieniem







Lepiej czujemy się pod ciśnieniem

# Nasze mocne strony

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## Kompletna oferta produktowa

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

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

Na każde zapytanie klienta, odpowiedzią jest Vitillo.



**Węże**



**Złączki**  
ISO 12151 SAE J516



**Końcówki BSP**  
BS 5200



**Końcówki JIC**  
SAE J514



**Końcówki DIN 24**  
DIN 2353



**Końcówki ORFS**  
ORFS J1453

# Nasze mocne strony

---

Kompletna oferta produktowa

## Chcemy by naszym klientom żyło się łatwiej:

Tylko jeden dostawca dla każdego systemu hydrauliki.

Oferujemy nasze doświadczenie oraz wiedzę podczas każdego etapu. Od projektu do zastosowania w sztywnym bądź elastycznym systemie hydraulicznym.



# Certyfikaty

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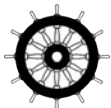
MINE SAFETY AND HEALTH  
ADMINISTRATION  
(MSHA)



DET NORSKE VERITAS (DNV)  
GERMANISCHER LLOYD (GL)



RINA (Registro Navale Italiano)



MarED



GOST-R



AC 149

**Polska Norma Górnicza**  
Jednostka Opiniująca, Atestująca i  
Certyfikująca Wyroby TEST

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Tuleje dla elementów standardowych

### B12T.N



**TULEJA**  
DLA 15N/25N/25C  
(bez skórowania) / Str. 14



### B15C



**TULEJA**  
DLA 15C/15N/25C  
(bez skórowania) / Str. 15



### B1K



**TULEJA**  
DLA 15C-R17-R7-R6  
(bez skórowania) / Str. 16



### B1T



**TULEJA**  
DLA 15N/R1AT  
(bez skórowania) / Str. 17



### B2T



**TULEJA**  
DLA 25N/R2AT  
(bez skórowania) / Str. 18



### B1R

**TULEJA**  
DLA 15T/R2A  
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### B2R

**TULEJA**  
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**TULEJA**  
DLA B9R (do skórowania) / Str. 22



### B4SH

**TULEJA**  
DLA 4SH (do skórowania) / Str. 23



### B7R



**TULEJA**  
DLA R7  
(bez skórowania) / Str. 24



### BPTFE

**TULEJA**  
DLA BPTFE  
/ Str. 25



### BPTFEC

**TULEJA DLA WĘŻY**  
KARBOWANYCH  
BPTFE / Str. 26



### B6K

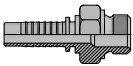


**TULEJA DLA WĘŻY**  
SPIRALNYCH (bez skórowania) / Str. 27



### MG

**BSPP MĘSKA 60°**  
STOŻEK / Str. 28



### MGK

**BSPT STOŻEK**  
MĘSKA / Str. 29



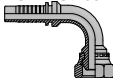
### FDG

**BSPP ŻEŃSKA 60°**  
STOŻEK / Str. 30



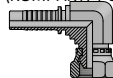
### F90G

**BSPP ŻEŃSKA NAKR.**  
OBROTOWA 90°  
KOLANO / Str. 32



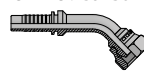
### F90G K

**BSPP ŻEŃSKA 90°**  
KOLANO  
(KOMPAKT) / Str. 35



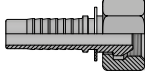
### F45G

**BSPP ŻEŃSKA NAKR.**  
OBROTOWA 45°  
KOLANO / Str. 36



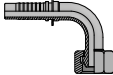
### FDG SF

**BSPP ŻEŃSKA**  
(nakrętka nakładana) / Str. 37



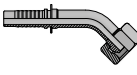
### F90G SF

**BSPP ŻEŃSKA 90°**  
KOLANO (nakrętka nakładana) / Str. 38



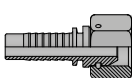
### F45G SF

**BSPP ŻEŃSKA 45°**  
KOLANO (nakrętka nakładana) / Str. 39



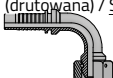
### FDG SP

**BSPP ŻEŃSKA**  
(drutowana) / Str. 41



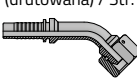
### F90G SP

**BSPP ŻEŃSKA 90°**  
KOLANO  
(drutowana) / Str. 43



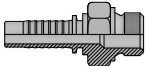



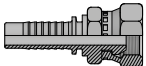

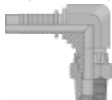


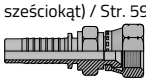
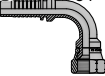
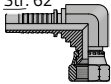

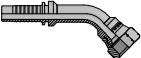

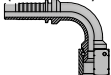
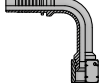
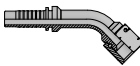
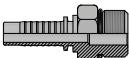


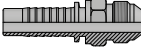

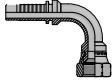
### F45G SP

**BSPP ŻEŃSKA 45°**  
KOLANO  
(drutowana) / Str. 45



BSP - BSPT

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BSP	<p><b>MGSP</b>  <b>BSPP MĘSKA</b>                      (płaskie uszczelnienie)                      / Str. 47</p> 	<p><b>FGSP</b>  <b>BSPP ŻEŃSKA</b>                      (płaskie uszczelnienie)                      / Str. 48</p> 					
	NPT	<p><b>MNPT</b>  <b>NPTF MĘSKA</b>                      / Str. 49</p> 	<p><b>MNPT LN</b>  <b>NPTF MĘSKA</b>                      (długi gwint) / Str. 50</p> 	<p><b>FNPSM</b>  <b>NPSM ŻEŃSKA</b>                      / Str. 51</p> 	<p><b>MNPT SW</b>  <b>NPTF NAKR. OBROTOWA MĘSKA</b>                      / Str. 52</p> 	<p><b>M90NPT SW</b>  <b>NPTF NAKR. OBROTOWA MĘSKA 90° KOLANO (KOMPAKT)</b>                      / Str. 53</p> 	
JIC 37°		<p><b>MJ</b>  <b>JIC 37° MĘSKA</b>                      / Str. 55</p> 	<p><b>FDJ</b>  <b>JIC 37° ŻEŃSKA</b>                      / Str. 57</p> 	<p><b>FDJ GIR</b>  <b>JIC 37° ŻEŃSKA NAKR. OBROTOWA</b> (podwójny sześciokąt) / Str. 59</p> 	<p><b>F90J</b>  <b>JIC 37° ŻEŃSKA NAKR. OBROTOWA 90°</b>                      / Str. 61</p> 	<p><b>F90J K</b>  <b>JIC 37° ŻEŃSKA 90° KOLANO (KOMPAKT)</b>                      / Str. 62</p> 	
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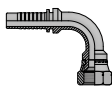
## FDK

TYP KOMATSU  
 ŻEŃSKA NAKR.  
 OBROTOWA  
 (STOŻEK 60°) / Str. 81



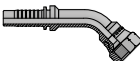
## F90K

TYP KOMATSU  
 ŻEŃSKA NAKR. OBROTOWA  
 90° KOLANO / Str. 82



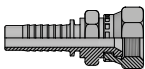
## F45K

TYP KOMATSU  
 ŻEŃSKA NAKR. OBROTOWA  
 45° KOLANO / Str. 83



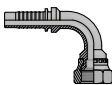
## FDT

TYP TOYOTA ŻEŃSKA  
 NAKR. OBROTOWA  
 (STOŻEK 60°) / Str. 84



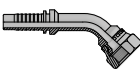
## F90T

TYP TOYOTA ŻEŃSKA  
 NAKR. OBROTOWA 90°  
 KOLANO / Str. 85



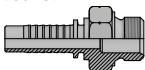
## F45T

TYP TOYOTA ŻEŃSKA  
 NAKR. OBROTOWA 45°  
 KOLANO / Str. 86



## MM

METRYCZNA  
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 /Str. 87



## FDM

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 60°STOŻEK  
 / Str. 89



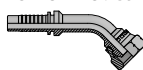
## F90M

METRYCZNA ° ŻEŃSKA  
 NAKR. OBROTOWA  
 90° KOLANO / Str. 91



## F45M

METRYCZNA ŻEŃSKA  
 NAKR. OBROTOWA  
 45° KOLANO / Str. 93



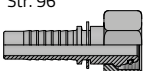
## ME L

METRYCZNA MĘSKA  
 24° STOŻEK TYP L /  
 Str. 95



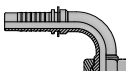
## FE L

METRYCZNA ŻEŃSKA  
 24° STOŻEK TYP L /  
 Str. 96



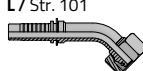
## F90E L

METRYCZNA ŻEŃSKA 24°  
 STOŻEK 90° KOLANO TYP  
 L / Str. 99



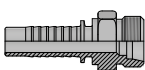
## F45E L

METRYCZNA ŻEŃSKA 24°  
 STOŻEK 45° KOLANO TYP  
 L / Str. 101



## MES

METRYCZNA MĘSKA  
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 Str. 103



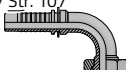
## FE S

METRYCZNA ŻEŃSKA  
 24° STOŻEK -TYP  
 S / Str. 105



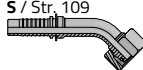
## F90E S

METRYCZNA ŻEŃSKA 24°  
 STOŻEK 90° KOLANO TYP  
 S / Str. 107



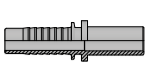
## F45E S

METRYCZNA ŻEŃSKA 24°  
 STOŻEK 45° KOLANO TYP  
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## PDL

DO ZACISKANIA NA  
 RURĘ / Str. 111



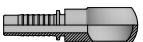
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## OM

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 / Str. 115



JIS

METRYCZNA / DIN

BANJO

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METRYCZNA TYP FRANCUSKI

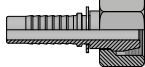
## ME F

METRYCZNA  
MESKA 24° STOŻEK  
(TYP FRANCUSKI) /  
Str. 117



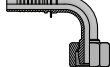
## FE F

METRYCZNA ŻEŃSKA  
24° STOŻEK (TYP  
FRANCUSKI) / Str. 118



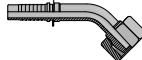
## F90E F

METRYCZNA ŻEŃSKA  
24° STOŻEK 90°  
(TYP FRANCUSKI) Str. 119



## F45E F

METRYCZNA ŻEŃSKA  
24° STOŻEK 45°  
(TYP FRANCUSKI) / Str. 120



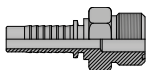
## PDL F

DO ZACISKANIA NA RURĘ  
TYP FRANCUSKI / Str. 121



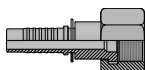
## MORFS

ORFS MESKA  
/ Str. 122



## FORFS

ORFS ŻEŃSKA  
/ Str. 123



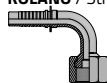
## FORFS GIR

ORFS ŻEŃSKA  
(podwójny  
sześciokąt) / Str. 124



## F90ORFS

ORFS ŻEŃSKA NAKR.  
OBROTOWA 90°  
KOLANO / Str. 125



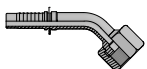
## F90ORFS LD

ORFS ŻEŃSKA NAKR.  
OBROTOWA 90° KOLANO  
(wydłużona) / Str. 126



## F45ORFS

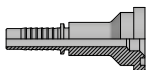
ORFS ŻEŃSKA NAKR.  
OBROTOWA 45°  
KOLANO / Str. 127



ORFS

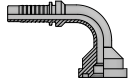
## FDL

FLANSZA  
3000 PSI / Str. 128



## F90L

FLANSZA 90°  
KOLANO 3000 PSI  
/ Str. 129



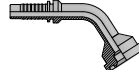
## F90L LD

FLANSZA 90° KOLANO  
3000 PSI LD  
/ Str. 130



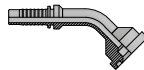
## F60L

FLANSZA 60°  
KOLANO 3000 PSI  
/ Str. 131



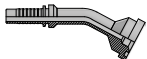
## F45L

FLANSZA 45°  
KOLANO 3000 PSI  
/ Str. 132



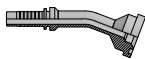
## F30L

FLANSZA 30°  
KOLANO 3000 PSI  
/ Str. 133



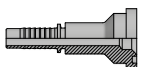
## F22.5L

FLANSZA 22.5°  
KOLANO 3000 PSI  
/ Str. 134



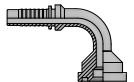
## FDP

FLANSZA  
6000 PSI  
/ Str. 135



## F90P

FLANSZA 90°  
KOLANO 6000 PSI  
/ Str. 136



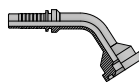
## F90P LD

FLANSZA 90°  
KOLANO 6000 PSI LD  
/ Str. 137



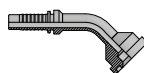
## F60P

FLANSZA 60°  
KOLANO 6000 PSI  
/ Str. 138



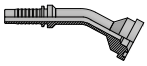

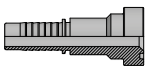
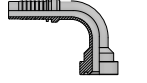
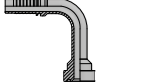
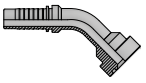
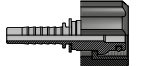

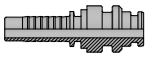
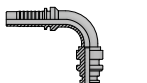
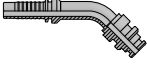

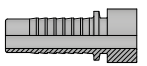
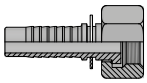
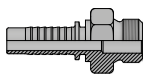
## F45P

FLANSZA 45°  
KOLANO 6000 PSI  
/ Str. 139

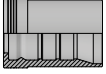

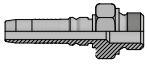
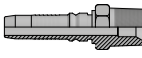
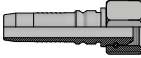
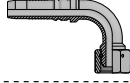
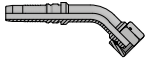


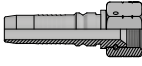
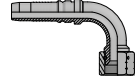
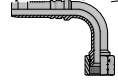
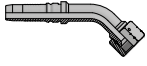
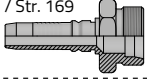
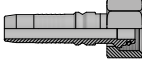
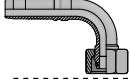
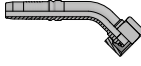
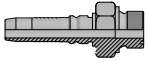
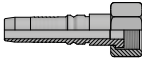
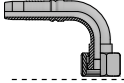
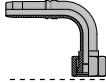
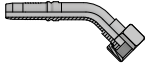
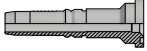
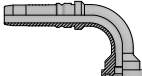
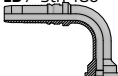
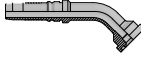


Flansze

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	Inne			

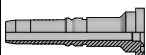
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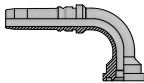
### KFDP

INTERLOCK FLANSZA  
6000 PSI / Str. 182



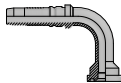
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INTERLOCK FLANSZA  
6000 PSI 90° / Str. 183



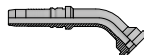
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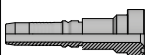
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INTERLOCK FLANSZA  
6000 PSI 45° / Str. 185



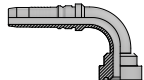
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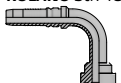
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INTERLOCK FLANSZA  
SUPERCAT 90°  
KOLANO Str. 187



### KF90S LD

INTERLOCK FLANSZA  
SUPERCAT 90°  
KOLANO Str. 188



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INTERLOCK FLANSZA  
SUPERCAT 45°  
KOLANO Str. 189



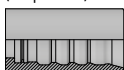
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(6 oplotów) / Str. 193



### KMNPTF WB

NPTF MĘSKA DLA  
WĘŻA WATERBLAST  
/ Str. 194



### KFE S WB

METRYCZNA ŻEŃSKA DLA  
WĘŻA WATERBLAST  
/ Str. 195



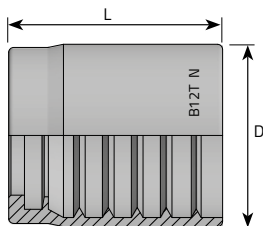
Interlock flansze

Waterblast

# Standard

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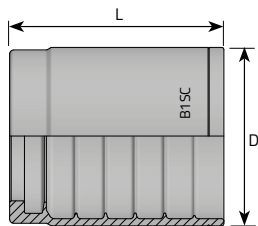


BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
B12T03N	-3	3/16"	4.8		21	23	
B12T04N	-4	1/4"	6.4		23	30	
B12T05N	-5	5/16"	7.9		24	30	
B12T06N	-6	3/8"	9.5		26	32	
B12T08N	-8	1/2"	12.8		29	34	
B12T10N	-10	5/8"	16		33	37	
B12T12N	-12	3/4"	19		37	42	
B12T16N	-16	1"	25.4		46	51	
B12T20N	-20	1.1/4"	31.8		59	59	
B12T24N	-24	1.1/2"	38.1		67	67	
B12T32N	-32	2"	50.8		80	72	

## TULEJA DLA 1SC/1SN/2SC



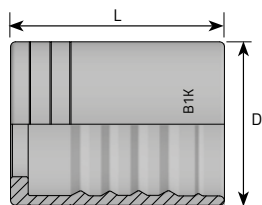
BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
B1SC04	-4	1/4"	6.4		20	30	
B1SC05	-5	5/16"	7.9		22	30	
B1SC06	-6	3/8"	9.5		24	32	
B1SC08	-8	1/2"	12.8		28	34	
B1SC10	-10	5/8"	16		32	37	
B1SC12	-12	3/4"	19		35	42	
B1SC16	-16	1"	25.4		43	51	



## TULEJA DLA 1SC-SLIM-R17-R7-R6 1TE/2TE

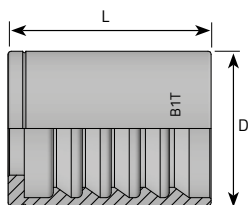


BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	∅		D	L	
		Inch	mm		mm	mm	
B1K04	-4	1/4"	6.4		18	30	
B1K05	-5	5/16"	7.9		20	30	
B1K06	-6	3/8"	9.5		22	32	
B1K08	-8	1/2"	12.8		26	34	
B1K10	-10	5/8"	16		30	37	
B1K12	-12	3/4"	19		33	42	
B1K16	-16	1"	25.4		41	51	
B1K20	-20	1.1/4"	31.8		48	57	
B1K24	-24	1.1/2"	38.1		56	66	
B1K32	-32	2"	50.8		68	70	

## TULEJA DLA 1SN/R1AT

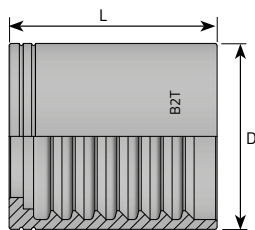


BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	Ø		D	L	
		Inch	mm		mm	mm	
B1T03	-3	3/16"	4.8		19	26	
B1T04	-4	1/4"	6.4		20	30	
B1T05	-5	5/16"	7.9		22	30.5	
B1T06	-6	3/8"	9.5		24	32	
B1T08	-8	1/2"	12.8		29	34	
B1T10	-10	5/8"	16		32	37	
B1T12	-12	3/4"	19		36	42.5	
B1T16	-16	1"	25.4		43	50.5	
B1T20	-20	1.1/4"	31.8		53	59	
B1T24	-24	1.1/2"	38.1		60	63	

## TULEJA DLA 2SN/R2AT

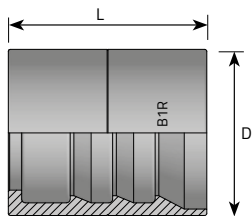


BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	∅		D	L	
		Inch	mm		mm	mm	
B2T03	-3	3/16"	4.8		20	26	
B2T04	-4	1/4"	6.4		22	30	
B2T05	-5	5/16"	7.9		24	30.5	
B2T06	-6	3/8"	9.5		25.5	31.5	
B2T08	-8	1/2"	12.8		30	34	
B2T10	-10	5/8"	16		34	37	
B2T12	-12	3/4"	19		38	42.5	
B2T16	-16	1"	25.4		46	50	
B2T20	-20	1.1/4"	31.8		56	59	
B2T24	-24	1.1/2"	38.1		64	63	

## TULEJA DLA 1ST/R1A

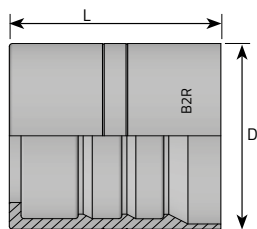


DO SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
B1R03	-3	3/16"	4.8		17	26.5	
<b>B1R04</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>		<b>20</b>	<b>29.5</b>	
B1R05	-5	5/16"	7.9		22	29.5	
<b>B1R06</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>		<b>24</b>	<b>32</b>	
B1R08	-8	1/2"	12.8		29	34	
<b>B1R10</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>		<b>32</b>	<b>37</b>	
B1R12	-12	3/4"	19		36	43	
<b>B1R16</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>		<b>43</b>	<b>50</b>	
B1R20	-20	1.1/4"	31.8		52	57	
<b>B1R24</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>		<b>57</b>	<b>63</b>	
B1R32	-32	2"	50.8		70	78	

## TULEJA DLA 2ST/R2A

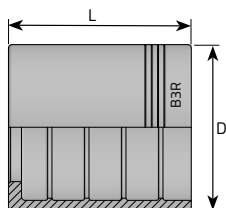


DO SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura		Gwint	Wymiary		Ciężnienie
	D.N.	Wąż		ø	D	
		Inch	mm	mm	mm	
B2R03	-3	3/16"	4.8	20	27	
<b>B2R04</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>22</b>	<b>30</b>	
B2R05	-5	5/16"	7.9	24	30	
<b>B2R06</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>26</b>	<b>32</b>	
B2R08	-8	1/2"	12.8	30	34	
<b>B2R10</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>34</b>	<b>37</b>	
B2R12	-12	3/4"	19	38	43	
<b>B2R16</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>46</b>	<b>50</b>	
B2R20	-20	1.1/4"	31.8	56	59	
<b>B2R24</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>62</b>	<b>63</b>	
B2R32	-32	2"	50.8	75	79	

## TULEJA DLA R3-R4

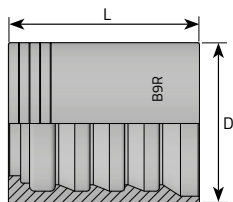


BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura		Gwint	Wymiary		Ciężnienie
	D.N.	Wąż		ø	D	
		Inch	mm	mm	mm	
B3R04	-4	1/4"	6.4	19	29	
B3R05	-5	5/16"	7.9	22	30	
B3R06	-6	3/8"	9.5	24	31	
B3R08	-8	1/2"	12.8	28.5	34	
B3R10	-10	5/8"	16	32	36	
B3R12	-12	3/4"	19	38	42	
B3R16	-16	1"	25.4	46	50	
B3R20	-20	1.1/4"	31.8	52	57	

## TULEJA DLA R9R-4SP

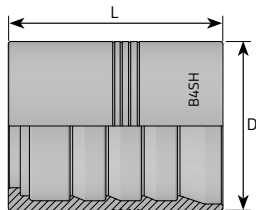


DO SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	∅		D	L	
		Inch	mm		mm	mm	
B9R04	-4	1/4"	6.4		22	30	
<b>B9R06</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>		<b>26</b>	<b>32</b>	
B9R08	-8	1/2"	12.8		30	34	
<b>B9R10</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>		<b>34</b>	<b>40</b>	
B9R12	-12	3/4"	19		38	45.2	
<b>B9R16</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>		<b>46</b>	<b>56</b>	
B9R20	-20	1.1/4"	31.8		59	66	
<b>B9R24</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>		<b>65</b>	<b>76.5</b>	
B9R32	-32	2"	50.8		80	80	

## TULEJA DLA 4SH (do skórowania)



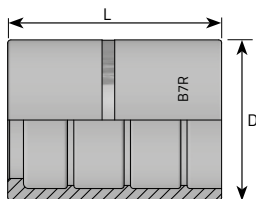
DO SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
B4SH20	-20	1.1/4"	31.8		52	66	
<b>B4SH24</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>		<b>62</b>	<b>76.5</b>	
B4SH32	-32	2"	50.8		75	80	



## TULEJA DLA R7/MTH 1/R6

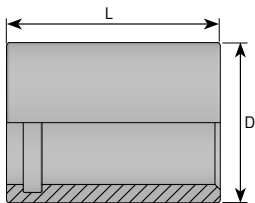


BEZ SKÓROWANIA

IDENTYFIKACJA: nadruk kodu lub wybite logo

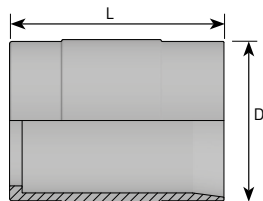
Kod	Rura		Gwint	Wymiary		Ciężnienie
	D.N.	Wąż		ø	D	
		Inch	mm	mm	mm	
B7R03	-3	3/16"	4.8	14	30	
B7R04	-4	1/4"	6.4	17	30	
B7R05	-5	5/16"	7.9	19	30	
B7R06	-6	3/8"	9.5	21	30	
B7R08	-8	1/2"	12.8	25.5	34	
B7R10	-10	5/8"	16	28.5	36	
B7R12	-12	3/4"	19	32	42	
B7R16	-16	1"	25.4	40	50	

## TULEJA DLA PTFE



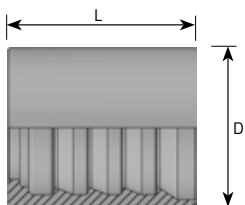
Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	∅		D	L	
		Inch	mm		mm	mm	
BPTFE03	-3	3/16"	4.8		14	25	
BPTFE04	-4	1/4"	6.4		16	26.5	
BPTFE05	-5	5/16"	7.9		17	25	
BPTFE06	-6	3/8"	9.5		19	30	
BPTFE08	-8	1/2"	12.8		24	32	
BPTFE10	-10	5/8"	16		25.5	35	
BPTFE12	-12	3/4"	19		30.5	40	
BPTFE16	-16	1"	25.4		37	47	

## TULEJA DLA PTFE KARBOWANEGO



Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Wąż	∅		D	L	
		Inch	mm		mm	mm	
BPTFEC04	-4	1/4"	6.4		17.8	26.5	
BPTFEC06	-6	3/8"	9.5		20	30.5	
BPTFEC08	-8	1/2"	12.8		24	33	
BPTFEC10	-10	5/8"	16		29	35	
BPTFEC12	-12	3/4"	19		31.1	41	
BPTFEC16	-16	1"	25.4		38	47	
BPTFEC20	-20	1.1/4"	31.8		49.5	53	
BPTFEC24	-24	1.1/2"	38.1		55.3	58.5	
BPTFEC32	-32	2"	50.8		69	72	

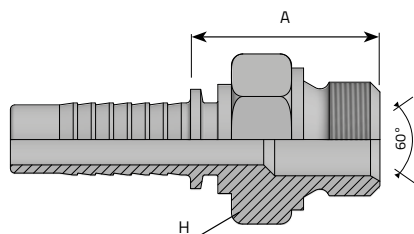
## TULEJA DLA 4SP-4SH-R12-R13-R15 ELASTIK 4000/5000/6000



BEZ SKÓROWANIA

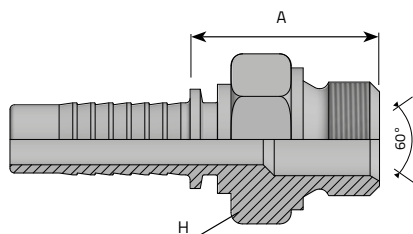
Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
B6K12	-12	3/4"	19		45	46.6	
B6K16	-16	1"	25.4		54	61.2	

## BSPB MĘSKA - 60°STOŻEK (1)



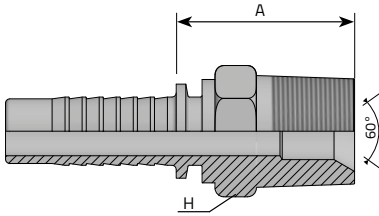
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	Ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MG0302	-3	3/16"	4.8	1/8"	28	14	20.5	350	5076
<b>MG0304</b>	<b>-3</b>	<b>3/16"</b>	<b>4.8</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>26</b>	<b>415</b>	<b>6019</b>
MG0402	-4	1/4"	6.4	1/8"	28	14	20.5	350	5076
<b>MG0404</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>450</b>	<b>6526</b>
MG0406	-4	1/4"	6.4	3/8"	19	22	29	450	6526
<b>MG0408</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>32</b>	<b>450</b>	<b>6526</b>
MG0504	-5	5/16"	7.9	1/4"	19	19	27	350	5076
<b>MG0506</b>	<b>-5</b>	<b>5/16"</b>	<b>7.9</b>	<b>3/8"</b>	<b>19</b>	<b>22</b>	<b>29</b>	<b>350</b>	<b>5076</b>
MG0508	-5	5/16"	7.9	1/2"	14	27	32	350	5076
<b>MG0604</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>27</b>	<b>450</b>	<b>6526</b>
MG0606	-6	3/8"	9.5	3/8"	19	22	29	450	6526
<b>MG0608</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>32</b>	<b>450</b>	<b>6526</b>
MG0806	-8	1/2"	12.8	3/8"	19	22	29	415	6019
<b>MG0808</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>33</b>	<b>415</b>	<b>6019</b>
MG0810	-8	1/2"	12.8	5/8"	14	30	34.5	415	6019
<b>MG0812</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>3/4"</b>	<b>14</b>	<b>32</b>	<b>36</b>	<b>415</b>	<b>6019</b>
MG1008	-10	5/8"	16	1/2"	14	27	33	350	5076
<b>MG1010</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>5/8"</b>	<b>14</b>	<b>30</b>	<b>34.5</b>	<b>350</b>	<b>5076</b>

## BSPP MĘSKA- 60°STOŻEK (2)



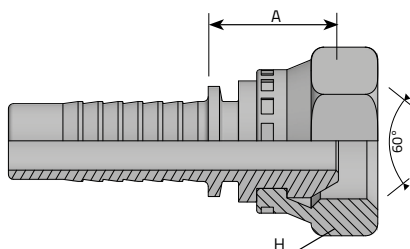
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MG1012	-10	5/8"	16	3/4"	14	32	36	350	5076
<b>MG1016</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>1"</b>	<b>11</b>	<b>38</b>	<b>40</b>	<b>350</b>	<b>5076</b>
MG1208	-12	3/4"	19	1/2"	14	27	34	350	5076
<b>MG1210</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>5/8"</b>	<b>14</b>	<b>30</b>	<b>36</b>	<b>350</b>	<b>5076</b>
MG1212	-12	3/4"	19	3/4"	14	32	37	350	5076
<b>MG1216</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>1"</b>	<b>11</b>	<b>38</b>	<b>40</b>	<b>350</b>	<b>5076</b>
MG1612	-16	1"	25.4	3/4"	14	32	38	280	4061
<b>MG1616</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>1"</b>	<b>11</b>	<b>38</b>	<b>40</b>	<b>280</b>	<b>4061</b>
MG1620	-16	1"	25.4	1.1/4"	11	50	45	280	4061
<b>MG2020</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>	<b>1.1/4"</b>	<b>11</b>	<b>50</b>	<b>46</b>	<b>210</b>	<b>3046</b>
MG2024	-20	1.1/4"	31.8	1.1/2"	11	55	46	210	3046
<b>MG2424</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>1.1/2"</b>	<b>11</b>	<b>55</b>	<b>46</b>	<b>185</b>	<b>2683</b>
MG2432	-24	1.1/2"	38.1	2"	11	70	53	185	2683
<b>MG3232</b>	<b>-32</b>	<b>2"</b>	<b>50.8</b>	<b>2"</b>	<b>11</b>	<b>70</b>	<b>54</b>	<b>165</b>	<b>2393</b>

## BSPT TAPERED MĘSKA



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	∅	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MGK0302	-3	3/16"	4.8	1/8"	28	12	22	350	5076
MGK0304	-3	3/16"	4.8	1/4"	19	15	22	415	6019
MGK0402	-4	1/4"	6.4	1/8"	28	12	22.5	350	5076
MGK0404	-4	1/4"	6.4	1/4"	19	15	27	450	6526
MGK0406	-4	1/4"	6.4	3/8"	19	19	28	450	6526
MGK0504	-5	5/16"	7.9	1/4"	19	15	27	350	5076
MGK0506	-5	5/16"	7.9	3/8"	19	19	28	350	5076
MGK0604	-6	3/8"	9.5	1/4"	19	15	28	450	6526
MGK0606	-6	3/8"	9.5	3/8"	19	19	28	450	6526
MGK0608	-6	3/8"	9.5	1/2"	14	22	34	415	6019
MGK0806	-8	1/2"	12.8	3/8"	19	19	28	415	6019
MGK0808	-8	1/2"	12.8	1/2"	14	22	34.5	415	6019
MGK1008	-10	5/8"	16	1/2"	14	24	34.5	350	5076
MGK1012	-10	5/8"	16	3/4"	14	27	36.5	350	5076
MGK1212	-12	3/4"	19	3/4"	14	27	37	350	5076
MGK1216	-12	3/4"	19	1"	11	36	45	280	4061
MGK1616	-16	1"	25.4	1"	11	36	46	280	4061
MGK1620	-16	1"	25.4	1.1/4"	11	46	45.5	210	3046
MGK2020	-20	1.1/4"	31.8	1.1/4"	11	46	46	210	3046
MGK2024	-20	1.1/4"	31.8	1.1/2"	11	50	47	185	2683
MGK2424	-24	1.1/2"	38.1	1.1/2"	11	50	47.3	185	2683
MGK3232	-32	2"	50.8	2"	11	65	57	165	2393

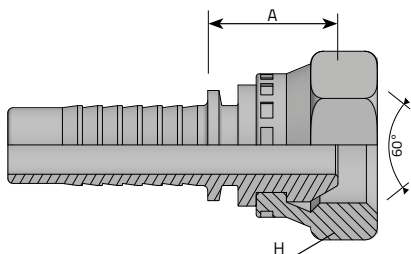
## BSPP ŻEŃSKA - 60°STOŻEK (1)



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż Inch	Ø mm	T Inch	t/1"	H mm	A mm	Bar	Psi
FDG0302	-3	3/16"	4.8	1/8"	28	15	18	350	5076
<b>FDG0304</b>	<b>-3</b>	<b>3/16"</b>	<b>4.8</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>415</b>	<b>6019</b>
FDG0402	-4	1/4"	6.4	1/8"	28	15	18	350	5076
<b>FDG0404</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>450</b>	<b>6526</b>
FDG0406	-4	1/4"	6.4	3/8"	19	22	19	450	6526
<b>FDG0408</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>21</b>	<b>450</b>	<b>6526</b>
FDG0504	-5	5/16"	7.9	1/4"	19	19	18	350	5076
<b>FDG0506</b>	<b>-5</b>	<b>5/16"</b>	<b>7.9</b>	<b>3/8"</b>	<b>19</b>	<b>22</b>	<b>19</b>	<b>350</b>	<b>5076</b>
FDG0508	-5	5/16"	7.9	1/2"	14	27	21	350	5076
<b>FDG0604</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>450</b>	<b>6526</b>
FDG0606	-6	3/8"	9.5	3/8"	19	22	20	450	6526
<b>FDG0608</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>21</b>	<b>450</b>	<b>6526</b>
FDG0806	-8	1/2"	12.8	3/8"	19	19	20	415	6019
<b>FDG0808</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>22</b>	<b>415</b>	<b>6019</b>
FDG0810	-8	1/2"	12.8	5/8"	14	28	22	415	6019
<b>FDG0812</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>3/4"</b>	<b>14</b>	<b>32</b>	<b>24</b>	<b>415</b>	<b>6019</b>
FDG1008	-10	5/8"	16	1/2"	14	27	22	350	5076
<b>FDG1010</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>5/8"</b>	<b>14</b>	<b>28</b>	<b>23</b>	<b>350</b>	<b>5076</b>

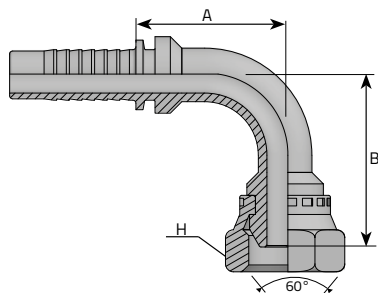


## BSPP ŻEŃSKA - 60°STOŻEK (2)



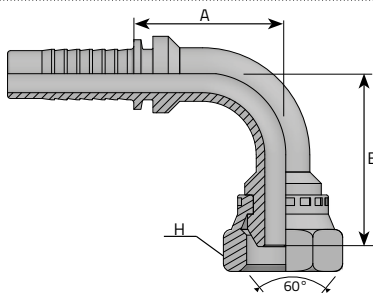
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
FDG1012	-10	5/8"	16	3/4"	14	32	24	350	5076
<b>FDG1208</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>22.5</b>	<b>350</b>	<b>5076</b>
FDG1210	-12	3/4"	19	5/8"	14	28	24	350	5076
<b>FDG1212</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>3/4"</b>	<b>14</b>	<b>32</b>	<b>25</b>	<b>350</b>	<b>5076</b>
FDG1216	-12	3/4"	19	1"	11	38	26	350	5076
<b>FDG1612</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>3/4"</b>	<b>14</b>	<b>32</b>	<b>26</b>	<b>280</b>	<b>4061</b>
FDG1616	-16	1"	25.4	1"	11	38	27	280	4061
<b>FDG1620</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>1.1/4"</b>	<b>11</b>	<b>50</b>	<b>30</b>	<b>280</b>	<b>4061</b>
FDG2020	-20	1.1/4"	31.8	1.1/4"	11	50	30	210	3046
<b>FDG2024</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>	<b>1.1/2"</b>	<b>11</b>	<b>55</b>	<b>32</b>	<b>210</b>	<b>3046</b>
FDG2424	-24	1.1/2"	38.1	1.1/2"	11	55	32	185	2683

## BSPP ŻEŃSKA - 60° STOŻEK - 90° KOLANO (1)



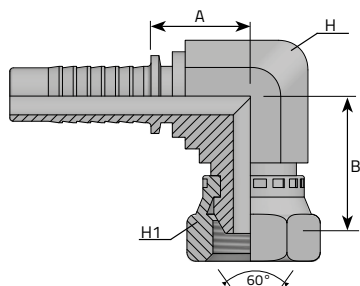
Kod	Rura				Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T		t/1"	H	B	A	Bar
		Inch	mm	Inch		mm	mm	mm		
F90G0302	-3	3/16"	4.8	1/8"	28	15	29	23	350	5076
<b>F90G0304</b>	<b>-3</b>	<b>3/16"</b>	<b>4.8</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>29</b>	<b>23</b>	<b>415</b>	<b>6019</b>
F90G0402	-4	1/4"	6.4	1/8"	28	15	29	23	350	5076
<b>F90G0404</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>29</b>	<b>23</b>	<b>450</b>	<b>6526</b>
F90G0406	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
<b>F90G0408</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>30</b>	<b>31.5</b>	<b>450</b>	<b>6526</b>
F90G0504	-5	5/16"	7.9	1/4"	19	19	33.5	31.5	350	5076
<b>F90G0506</b>	<b>-5</b>	<b>5/16"</b>	<b>7.9</b>	<b>3/8"</b>	<b>19</b>	<b>22</b>	<b>35.5</b>	<b>31.5</b>	<b>350</b>	<b>5076</b>
F90G0508	-5	5/16"	7.9	1/2"	14	27	39	31.5	350	5076
<b>F90G0604</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/4"</b>	<b>19</b>	<b>19</b>	<b>37</b>	<b>33</b>	<b>450</b>	<b>6526</b>
F90G0606	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
<b>F90G0608</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>42</b>	<b>33</b>	<b>450</b>	<b>6526</b>
F90G0806	-8	1/2"	12.8	3/8"	19	22	43	39	415	6019
<b>F90G0808</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>1/2"</b>	<b>14</b>	<b>27</b>	<b>45</b>	<b>39</b>	<b>415</b>	<b>6019</b>
F90G0810	-8	1/2"	12.8	5/8"	14	28	45	39	415	6019
<b>F90G0812</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>3/4"</b>	<b>14</b>	<b>32</b>	<b>51</b>	<b>39</b>	<b>415</b>	<b>6019</b>
F90G1008	-10	5/8"	16	1/2"	14	27	54	49	350	5076
<b>F90G1010</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>5/8"</b>	<b>14</b>	<b>28</b>	<b>54</b>	<b>49</b>	<b>350</b>	<b>5076</b>

## BSPP ŻEŃSKA - 60°STOŻEK - 90°KOLANO (2)



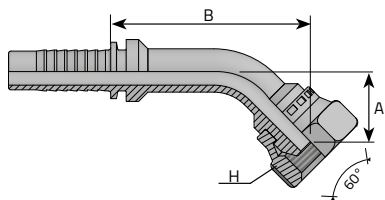
Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90G1012	-10	5/8"	16	3/4"	14	32	56	49	350	5076
F90G1208	-12	3/4"	19	1/2"	14	27	56	53.5	350	5076
F90G1210	-12	3/4"	19	5/8"	14	28	56	53.5	350	5076
F90G1212	-12	3/4"	19	3/4"	14	32	59	53.5	350	5076
F90G1216	-12	3/4"	19	1"	11	38	65	53.5	350	5076
F90G1612	-16	1"	25.4	3/4"	14	32	72	68.5	280	4061
F90G1616	-16	1"	25.4	1"	11	38	72	73	280	4061
F90G1620	-16	1"	25.4	1.1/4"	11	50	80	73	280	4061
F90G2020	-20	1.1/4"	31.8	1.1/4"	11	50	93	89	210	3046
F90G2024	-20	1.1/4"	31.8	1.1/2"	11	55	98.5	89	210	3046
F90G2424	-24	1.1/2"	38.1	1.1/2"	11	55	114	101	185	2683

## BSPP ŻEŃSKA - 90° KOLANO (KOMPAKT)



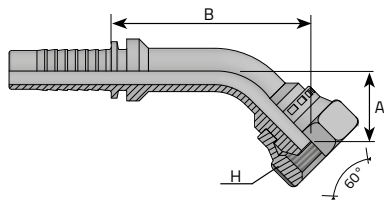
Kod	Rura		Gwint		Wymiary					Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	H1	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm	mm			
F90G0404K	-4	1/4"	6.4	1/4"	19	14	19	26.7	19	450	6526
F90G0406K	-4	1/4"	6.4	3/8"	19	19	22	28	21.5	450	6526
F90G0506K	-5	5/16"	7.9	3/8"	19	19	22	28	21.5	350	5076
F90G0606K	-6	3/8"	9.5	3/8"	19	19	22	28	21.5	450	6526
F90G0608K	-6	3/8"	9.5	1/2"	14	22	27	32.5	24	450	6526
F90G0808K	-8	1/2"	12.8	1/2"	14	22	27	32.5	24	415	6019
F90G1212K	-12	3/4"	19	3/4"	14	27	32	39.5	25	350	5076
F90G1616K	-16	1"	25.4	1"	11	33	38	43.5	32.5	280	4061

## BSPP ŻEŃSKA - 60° STOŻEK - 45° KOLANO (1)



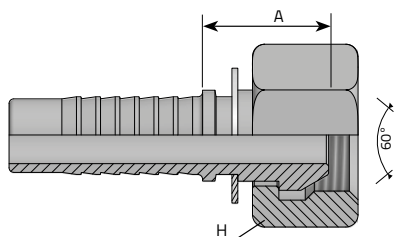
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	∅	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45G0302	-3	3/16"	4.8	1/8"	28	15	17	40	350	5076
F45G0304	-3	3/16"	4.8	1/4"	19	19	17	40	415	6019
F45G0402	-4	1/4"	6.4	1/8"	28	15	17	40	350	5076
F45G0404	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526
F45G0406	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526
F45G0408	-4	1/4"	6.4	1/2"	14	27	24	55	450	6526
F45G0504	-5	5/16"	7.9	1/4"	19	19	20	51	350	5076
F45G0506	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076
F45G0508	-5	5/16"	7.9	1/2"	14	27	24	55	350	5076
F45G0604	-6	3/8"	9.5	1/4"	19	19	19	54	450	6526
F45G0606	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526
F45G0608	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526
F45G0806	-8	1/2"	12.8	3/8"	19	22	20	63	415	6019
F45G0808	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019
F45G0810	-8	1/2"	12.8	5/8"	14	28	23	65	415	6019
F45G0812	-8	1/2"	12.8	3/4"	14	32	21	66	415	6019
F45G1008	-10	5/8"	16	1/2"	14	27	25	63	350	5076
F45G1010	-10	5/8"	16	5/8"	14	28	25	64	350	5076

## BSPP ŻEŃSKA - 60° STOŻEK - 45° KOLANO (2)



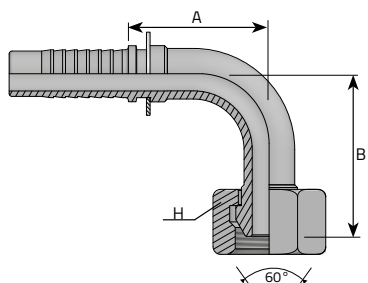
Kod	Rura		Gwint			Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F45G1012	-10	5/8"	16	3/4"	14	32	26	64	350	5076
F45G1208	-12	3/4"	19	1/2"	14	27	28	62	350	5076
F45G1210	-12	3/4"	19	5/8"	14	28	29	63	350	5076
F45G1212	-12	3/4"	19	3/4"	14	32	29	63	350	5076
F45G1216	-12	3/4"	19	1"	11	38	31	65	350	5076
F45G1612	-16	1"	25.4	3/4"	14	32	39	88	280	4061
F45G1616	-16	1"	25.4	1"	11	38	41	90	280	4061
F45G1620	-16	1"	25.4	1.1/4"	11	50	44	93	280	4061
F45G2020	-20	1.1/4"	31.8	1.1/4"	11	50	44	102	210	3046
F45G2024	-20	1.1/4"	31.8	1.1/2"	11	55	45	103	210	3046
F45G2424	-24	1.1/2"	38.1	1.1/2"	11	55	45	118	185	2683

## BSPP ŻEŃSKA (nakrętka nakładana)



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	Ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
FDG0304SF	-3	3/16"	4.8	1/4"	19	19	18	415	6019
FDG0404SF	-4	1/4"	6.4	1/4"	19	19	18	450	6526
FDG0406SF	-4	1/4"	6.4	3/8"	19	22	19	450	6526
FDG0506SF	-5	5/16"	7.9	3/8"	19	22	19	350	5076
FDG0606SF	-6	3/8"	9.5	3/8"	19	22	20	450	6526
FDG0608SF	-6	3/8"	9.5	1/2"	14	27	21	450	6526
FDG0808SF	-8	1/2"	12.8	1/2"	14	27	22	415	6019

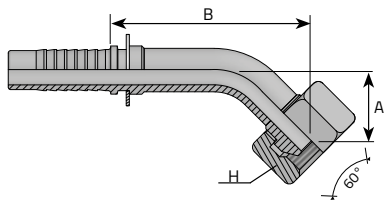
## BSPP ŻEŃSKA - 90° KOLANO (nakrętka nakładana)



Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90G0304SF	-3	3/16"	4.8	1/4"	19	19	29	23	415	6019
F90G0404SF	-4	1/4"	6.4	1/4"	19	19	29	23	450	6526
F90G0406SF	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
F90G0506SF	-5	5/16"	7.9	3/8"	19	22	35.5	31.5	350	5076
F90G0606SF	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
F90G0608SF	-6	3/8"	9.5	1/2"	14	27	42	33	450	6526
F90G0808SF	-8	1/2"	12.8	1/2"	14	27	45	39	415	6019

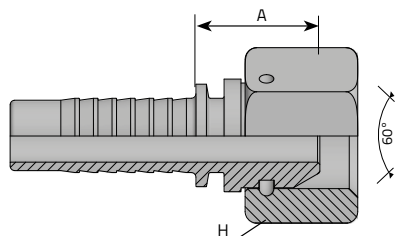


## BSPP ŻEŃSKA 45° KOLANO (nakrętka nakładana)



Kod	Rura				Gwint	Wymiary			Ciężnienie		
	D.N.	Waż	∅	T		t/1"	H	B	A	Bar	Psi
	Inch	mm	mm	Inch			mm	mm	mm		
F45G0304SF	-3	3/16"	4.8	1/4"	19	19	17	40	415	6019	
F45G0404SF	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526	
F45G0406SF	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526	
F45G0506SF	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076	
F45G0606SF	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526	
F45G0608SF	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526	
F45G0808SF	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019	

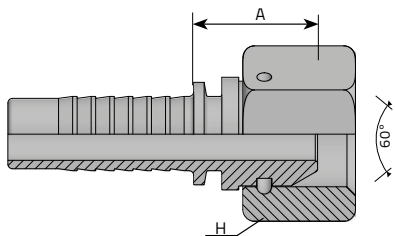
## BSPP ŻEŃSKA (drutowana) (1)



\* : bez o-ringa

Kod	Rura	Gwint				Wymiary			Ciśnienie	
		D.N.	Wąż	Ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm			
* FDG0302SP	-3	3/16"	4.8	1/8"	28	14	18	350	5076	
* FDG0304SP	-3	3/16"	4.8	1/4"	19	19	18	415	6019	
* FDG0402SP	-4	1/4"	6.4	1/8"	28	14	18	350	5076	
* FDG0404SP	-4	1/4"	6.4	1/4"	19	19	18	450	6526	
* FDG0406SP	-4	1/4"	6.4	3/8"	19	22	19	450	6526	
* FDG0408SP	-4	1/4"	6.4	1/2"	14	27	21	450	6526	
* FDG0504SP	-5	5/16"	7.9	1/4"	19	19	18	350	5076	
* FDG0506SP	-5	5/16"	7.9	3/8"	19	22	19	350	5076	
* FDG0508SP	-5	5/16"	7.9	1/2"	14	27	21	350	5076	
* FDG0604SP	-6	3/8"	9.5	1/4"	19	19	19	450	6526	
* FDG0606SP	-6	3/8"	9.5	3/8"	19	22	20	450	6526	
* FDG0608SP	-6	3/8"	9.5	1/2"	14	27	21	450	6526	
* FDG0806SP	-8	1/2"	12.8	3/8"	19	19	20	415	6019	
* FDG0808SP	-8	1/2"	12.8	1/2"	14	27	22	415	6019	
FDG0812SP	-8	1/2"	12.8	3/4"	14	32	24	415	6019	
* FDG1008SP	-10	5/8"	16	1/2"	14	27	22	350	5076	

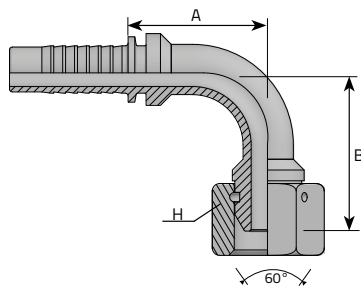
## BSPP ŻEŃSKA (drutowana) (2)



\* : bez o-ringa

Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	∅	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
FDG1012SP	-10	5/8"	16	3/4"	14	32	24	350	5076
* FDG1208SP	-12	3/4"	19	1/2"	14	27	22.5	350	5076
FDG1212SP	-12	3/4"	19	3/4"	14	32	25	350	5076
FDG1612SP	-16	1"	25.4	3/4"	14	32	26	350	5076
FDG1616SP	-16	1"	25.4	1"	11	38	27	280	4061
FDG1620SP	-16	1"	25.4	1.1/4"	11	50	30	280	4061
FDG2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	30	210	3046
FDG2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	32	210	3046
FDG2424SP	-24	1.1/2"	38.1	1.1/2"	11	55	32	185	2683
FDG2432SP	-24	1.1/2"	38.1	2"	11	70	32.5	185	2683
FDG3232SP	-32	2"	50.8	2"	11	70	33.5	165	2393

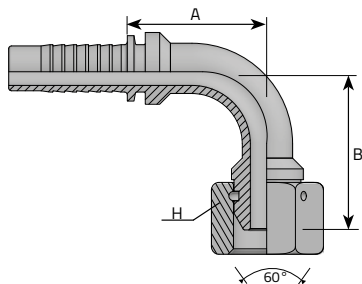
## BSPP ŻEŃSKA 90° KOLANO (drutowana) (1)



\* : bez o-ringa

Kod	Rura	Gwint				Wymiary			Ciśnienie	
		D.N.	Waż	ø	T	t/1"	H	B	A	Bar
		Inch	mm	Inch		mm	mm	mm		
* F90G0302SP	-3	3/16"	4.8	1/8"	28	14	29	23	350	5076
* F90G0304SP	-3	3/16"	4.8	1/4"	19	19	29	23	415	6019
* F90G0402SP	-4	1/4"	6.4	1/8"	28	14	29	23	350	5076
* F90G0404SP	-4	1/4"	6.4	1/4"	19	19	29	23	450	6526
* F90G0406SP	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
* F90G0408SP	-4	1/4"	6.4	1/2"	14	27	39	31.5	450	6526
* F90G0504SP	-5	5/16"	7.9	1/4"	19	19	33.5	31.5	350	5076
* F90G0506SP	-5	5/16"	7.9	3/8"	19	22	35.5	31.5	350	5076
* F90G0508SP	-5	5/16"	7.9	1/2"	14	27	39	31.5	350	5076
* F90G0604SP	-6	3/8"	9.5	1/4"	19	19	37	33	450	6526
* F90G0606SP	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
* F90G0608SP	-6	3/8"	9.5	1/2"	14	27	42	33	450	6526
* F90G0806SP	-8	1/2"	12.8	3/8"	19	22	43	39	415	6019
* F90G0808SP	-8	1/2"	12.8	1/2"	14	27	45	39	415	6019
F90G0812SP	-8	1/2"	12.8	3/4"	14	32	51	39	415	6019
* F90G1008SP	-10	5/8"	16	1/2"	14	27	54	49	350	5076
F90G1012SP	-10	5/8"	16	3/4"	14	32	56	49	350	5076

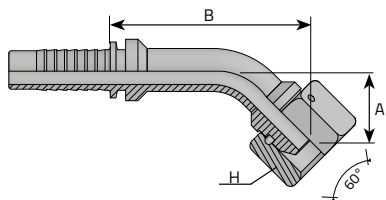
## BSPP ŻEŃSKA 90° KOLANO (drutowana) (2)



\* : bez o-ringa

Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
* F90G1208SP	-12	3/4"	19	1/2"	14	27	56	53.5	350	5076
F90G1212SP	-12	3/4"	19	3/4"	14	32	59	53.5	350	5076
F90G1216SP	-12	3/4"	19	1"	11	38	65	53.5	350	5076
F90G1612SP	-16	1"	25.4	3/4"	14	32	72	68.5	350	5076
F90G1616SP	-16	1"	25.4	1"	11	38	72	73	280	4061
F90G1620SP	-16	1"	25.4	1.1/4"	11	50	80	73	280	4061
F90G2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	93	89	210	3046
F90G2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	98.5	89	210	3046
F90G2424SP	-24	1.1/2"	38.1	1.1/2"	11	55	114	101	185	2683
F90G2432SP	-24	1.1/2"	38.1	2"	11	70	118	101	185	2683
F90G3232SP	-32	2"	50.8	2"	11	70	136	135	165	2393

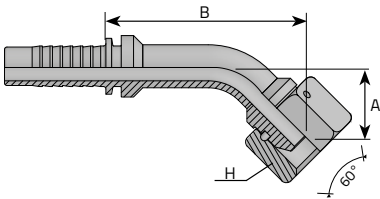
## BSPP ŻEŃSKA 45° KOLANO (drutowana) (1)



\* : bez o-ringa

Kod	Rura	Gwint				Wymiary				Ciśnienie	
		D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
		Inch	mm	Inch		mm	mm	mm			
* F45G0302SP	-3	3/16"	4.8	1/8"	28	14	17	40	350	5076	
* F45G0304SP	-3	3/16"	4.8	1/4"	19	19	17	40	415	6019	
* F45G0402SP	-4	1/4"	6.4	1/8"	28	14	17	40	350	5076	
* F45G0404SP	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526	
* F45G0406SP	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526	
* F45G0408SP	-4	1/4"	6.4	1/2"	14	27	24	55	450	6526	
* F45G0504SP	-5	5/16"	7.9	1/4"	19	19	20	51	350	5076	
* F45G0506SP	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076	
* F45G0508SP	-5	5/16"	7.9	1/2"	14	27	24	55	350	5076	
* F45G0604SP	-6	3/8"	9.5	1/4"	19	19	19	54	450	6526	
* F45G0606SP	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526	
* F45G0608SP	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526	
* F45G0806SP	-8	1/2"	12.8	3/8"	19	22	20	63	415	6019	
* F45G0808SP	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019	
F45G0812SP	-8	1/2"	12.8	3/4"	14	32	21	66	415	6019	
* F45G1008SP	-10	5/8"	16	1/2"	14	27	25	63	350	5076	

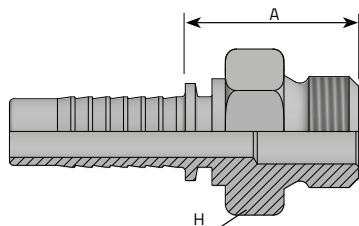
## BSPP ŻEŃSKA 45° KOLANO (drurowana) (2)



\* : bez o-ringa

Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm	mm	mm		
F45G1012SP	-10	5/8"	16	3/4"	14	32	26	64	350	5076
* F45G1208SP	-12	3/4"	19	1/2"	14	27	28	62	350	5076
F45G1212SP	-12	3/4"	19	3/4"	14	32	29	63	350	5076
F45G1216SP	-12	3/4"	19	1"	11	38	31	65	350	5076
F45G1612SP	-16	1"	25.4	3/4"	14	32	39	88	350	5076
F45G1616SP	-16	1"	25.4	1"	11	38	41	90	280	4061
F45G1620SP	-16	1"	25.4	1.1/4"	11	50	44	93	280	4061
F45G2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	44	102	210	3046
F45G2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	45	103	210	3046
F45G2424SP	-24	1.1/2"	38.1	1.1/2"	11	55	45	118	185	2683
F45G2432SP	-24	1.1/2"	38.1	2"	11	70	118	101	185	2683
F45G3232SP	-32	2"	50.8	2"	11	70	55	145	165	2393

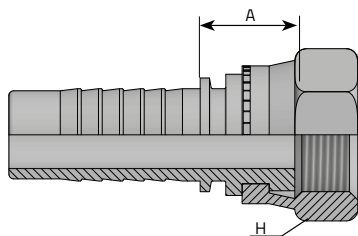
## BSPP MĘSKA (płaskie uszczelnienie)



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MGSP0404	-4	1/4"	6.4	1/4"	19	19	27	450	6526
MGSP0406	-4	1/4"	6.4	3/8"	19	22	29	450	6526
MGSP0506	-5	5/16"	7.9	3/8"	19	22	29	350	5076
MGSP0606	-6	3/8"	9.5	3/8"	19	22	28.5	450	6526
MGSP0608	-6	3/8"	9.5	1/2"	14	27	32	450	6526
MGSP0808	-8	1/2"	12.8	1/2"	14	27	32	415	6019
MGSP0810	-8	1/2"	12.8	5/8"	14	30	35	415	6019
MGSP0812	-8	1/2"	12.8	3/4"	14	32	36	415	6019
MGSP1010	-10	5/8"	16	5/8"	14	30	35	350	5076
MGSP1012	-10	5/8"	16	3/4"	14	32	36	350	5076
MGSP1212	-12	3/4"	19	3/4"	14	32	37	350	5076
MGSP1216	-12	3/4"	19	1"	11	38	40	350	5076
MGSP1616	-16	1"	25.4	1"	11	38	39.5	280	4061
MGSP2020	-20	1.1/4"	31.8	1.1/4"	11	50	46	210	3046
MGSP2424	-24	1.1/2"	38.1	1.1/2"	11	55	43	184	2669

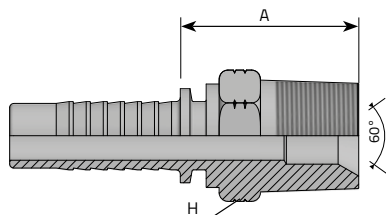


## BSPP ŻEŃSKA (płaskie uszczelnienie)



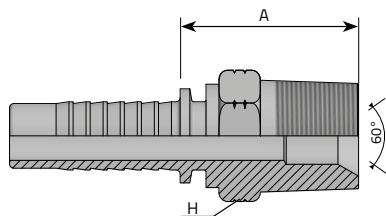
Kod	Rura				Gwint	Wymiary			Ciężnienie	
	D.N.	Wąż	∅	T		t/1"	H	A	Bar	Psi
		Inch	mm	Inch			mm	mm		
FDGSP0404	-4	1/4"	6.4	1/4"	19	19	14	450	6526	
FDGSP0406	-4	1/4"	6.4	3/8"	19	22	15	450	6526	
FDGSP0506	-5	5/16"	7.9	3/8"	19	22	15	350	5076	
FDGSP0606	-6	3/8"	9.5	3/8"	19	22	16	450	6526	
FDGSP0608	-6	3/8"	9.5	1/2"	14	27	17	450	6526	
FDGSP0808	-8	1/2"	12.8	1/2"	14	27	17	415	6019	
FDGSP0810	-8	1/2"	12.8	5/8"	14	28	17	415	6019	
FDGSP0812	-8	1/2"	12.8	3/4"	14	32	19	415	6019	
FDGSP1010	-10	5/8"	16	5/8"	14	28	17	350	5076	
FDGSP1012	-10	5/8"	16	3/4"	14	32	20	350	5076	
FDGSP1212	-12	3/4"	19	3/4"	14	32	21	350	5076	
FDGSP1216	-12	3/4"	19	1"	11	38	22	350	5076	
FDGSP1616	-16	1"	25.4	1"	11	38	23	280	4061	
FDGSP2020	-20	1.1/4"	31.8	1.1/4"	11	50	26	210	3046	

## NPTF MĘSKA (1)



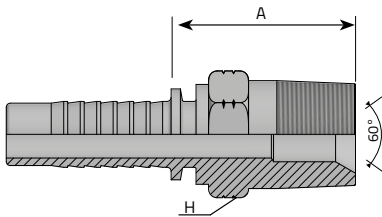
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MNPT0302	-3	3/16"	4.8	1/8"	27	12	22	350	5076
<b>MNPT0304</b>	<b>-3</b>	<b>3/16"</b>	<b>4.8</b>	<b>1/4"</b>	<b>18</b>	<b>15</b>	<b>22</b>	<b>415</b>	<b>6019</b>
MNPT0402	-4	1/4"	6.4	1/8"	27	12	22.5	350	5076
<b>MNPT0404</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/4"</b>	<b>18</b>	<b>15</b>	<b>27</b>	<b>450</b>	<b>6526</b>
MNPT0406	-4	1/4"	6.4	3/8"	18	19	28	450	6526
<b>MNPT0408</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>1/2"</b>	<b>14</b>	<b>22</b>	<b>34</b>	<b>350</b>	<b>5076</b>
MNPT0504	-5	5/16"	7.9	1/4"	18	15	27	350	5076
<b>MNPT0506</b>	<b>-5</b>	<b>5/16"</b>	<b>7.9</b>	<b>3/8"</b>	<b>18</b>	<b>19</b>	<b>28</b>	<b>350</b>	<b>5076</b>
MNPT0508	-5	5/16"	7.9	1/2"	14	22	28	415	6019
<b>MNPT0604</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/4"</b>	<b>18</b>	<b>15</b>	<b>28</b>	<b>350</b>	<b>5076</b>
MNPT0606	-6	3/8"	9.5	3/8"	18	19	28	450	6526
<b>MNPT0608</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>1/2"</b>	<b>14</b>	<b>22</b>	<b>34</b>	<b>415</b>	<b>6019</b>
MNPT0806	-8	1/2"	12.8	3/8"	18	19	28	415	6019
<b>MNPT0808</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>1/2"</b>	<b>14</b>	<b>22</b>	<b>34.5</b>	<b>415</b>	<b>6019</b>
MNPT0812	-8	1/2"	12.8	3/4"	14	27	34.5	415	6019
<b>MNPT1008</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>1/2"</b>	<b>14</b>	<b>24</b>	<b>34.5</b>	<b>350</b>	<b>5076</b>
MNPT1012	-10	5/8"	16	3/4"	14	27	36.5	350	5076
<b>MNPT1212</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>3/4"</b>	<b>14</b>	<b>27</b>	<b>37</b>	<b>350</b>	<b>5076</b>
MNPT1216	-12	3/4"	19	1"	11.5	36	45	280	4061

## NPTF MĘSKA (2)



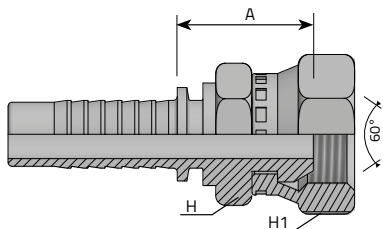
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	A	Bar	Psi
	Inch	Inch	mm	Inch		mm	mm		
MNPT1612	-16	1"	25.4	3/4"	14	32	38	280	4061
<b>MNPT1616</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>1"</b>	<b>11.5</b>	<b>36</b>	<b>46</b>	<b>280</b>	<b>4061</b>
MNPT1620	-16	1"	25.4	1.1/4"	11.5	46	45.5	210	3046
<b>MNPT2020</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>	<b>1.1/4"</b>	<b>11.5</b>	<b>46</b>	<b>46</b>	<b>210</b>	<b>3046</b>
MNPT2024	-20	1.1/4"	31.8	1.1/2"	11.5	50	47	185	2683
<b>MNPT2424</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>1.1/2"</b>	<b>11.5</b>	<b>50</b>	<b>47.3</b>	<b>185</b>	<b>2683</b>
MNPT3232	-32	2"	50.8	2"	11.5	65	57	165	2393

## NPTF MĘSKA - DŁUGI GWINT



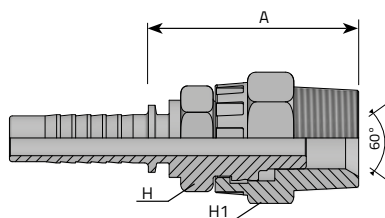
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MNPT0404LN	-4	1/4"	6.4	1/4"	18	15	37	450	6526
MNPT0406LN	-4	1/4"	6.4	3/8"	18	19	38	450	6526
MNPT0604LN	-6	3/8"	9.5	1/4"	18	15	38	450	6526
MNPT0606LN	-6	3/8"	9.5	3/8"	18	19	38	450	6526

## NPSM ŻEŃSKA



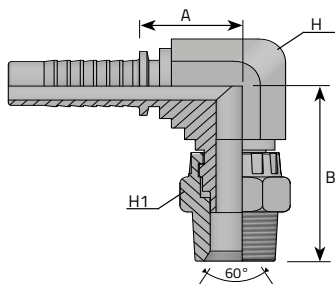
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
FNPSM0404	-4	1/4"	6.4	1/4"	18	19	19	24	345	5000
FNPSM0606	-6	3/8"	9.5	3/8"	18	22	22	26.5	276	4000
FNPSM0808	-8	1/2"	12.8	1/2"	14	22	27	29	241	3500
FNPSM1212	-12	3/4"	19	3/4"	14	27	32	37	155	2250
FNPSM1616	-16	1"	25.4	1"	11.5	32	38	40.5	138	2000
FNPSM2020	-20	1.1/4"	31.8	1.1/4"	11.5	50	41	50	112	1625

## NPTF NAKR. OBROTOWA MĘSKA



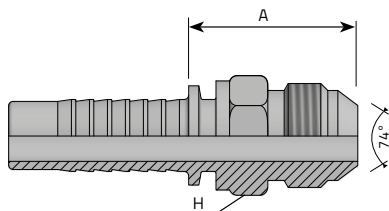
Kod	Rura		Gwint			Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
MNPT0404SW	-4	1/4"	6.4	1/4"	18					
MNPT0406SW	-4	1/4"	6.4	3/8"	18					
MNPT0604SW	-6	3/8"	9.5	1/4"	18					
MNPT0606SW	-6	3/8"	9.5	3/8"	18					
MNPT0608SW	-6	3/8"	9.5	1/2"	14					
MNPT0806SW	-8	1/2"	12.8	3/8"	18					
MNPT0808SW	-8	1/2"	12.8	1/2"	14					
MNPT1212SW	-12	3/4"	19	3/4"	14					
MNPT1616SW	-16	1"	25.4	1"	11.5					

## NPTF NAKR. OBROTOWA MĘSKA 90° KOLANO (KOMPAKT KUTA)



Kod	Rura		Gwint		Wymiary				Ciężnienie		
	D.N.	Waż	∅	T	t/1"	H	H1	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm	mm		
M90NPT0404SW	-4	1/4"	6.4	1/4"	18						
M90NPT0406SW	-4	1/4"	6.4	3/8"	18						
M90NPT0604SW	-6	3/8"	9.5	1/4"	18						
M90NPT0606SW	-6	3/8"	9.5	3/8"	18						
M90NPT0608SW	-6	3/8"	9.5	1/2"	14						
M90NPT0806SW	-8	1/2"	12.8	3/8"	18						
M90NPT0808SW	-8	1/2"	12.8	1/2"	14						
M90NPT1212SW	-12	3/4"	19	3/4"	14						
M90NPT1616SW	-16	1"	25.4	1"	11.5						

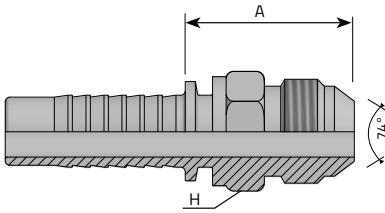
## JIC 37° MĘSKA (1)



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
MJ0304	-3	3/16"	4.8	7/16"	20	12	27	415	6019
MJ0305	-3	3/16"	4.8	1/2"	20	14	27	415	6019
MJ0404	-4	1/4"	6.4	7/16"	20	12	27	450	6526
MJ0405	-4	1/4"	6.4	1/2"	20	14	27	450	6526
MJ0406	-4	1/4"	6.4	9/16"	18	15	28	450	6526
MJ0505	-5	5/16"	7.9	1/2"	20	14	27	350	5076
MJ0506	-5	5/16"	7.9	9/16"	18	15	28	350	5076
MJ0507	-5	5/16"	7.9	5/8"	18	17	29.5	-	-
MJ0508	-5	5/16"	7.9	3/4"	16	19	29.5	350	5076
MJ0606	-6	3/8"	9.5	9/16"	18	15	28	450	6526
MJ0607	-6	3/8"	9.5	5/8"	18	17	29.5	-	-
MJ0608	-6	3/8"	9.5	3/4"	16	19	30.5	415	6019
MJ0610	-6	3/8"	9.5	7/8"	14	24	34.5	350	5076
MJ0808	-8	1/2"	12.8	3/4"	16	19	31	415	6019
MJ0810	-8	1/2"	12.8	7/8"	14	24	35	350	5076
MJ0812	-8	1/2"	12.8	1.1/16"	12	27	39.5	350	5076
MJ1010	-10	5/8"	16	7/8"	14	24	35	350	5076

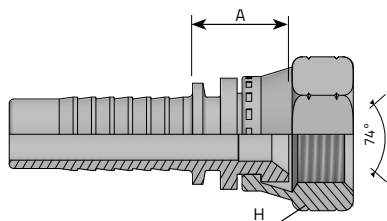


## JIC 37° MĘSKA (2)



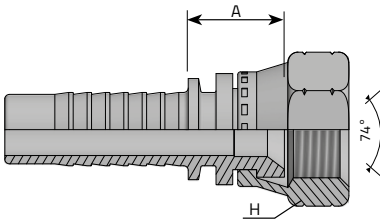
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	Ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MJ1012	16	5/8"	10	1.1/16"	12	27	39.5	350	5076
MJ1210	20	3/4"	12	7/8"	14	27	37	350	5076
MJ1212	20	3/4"	12	1.1/16"	12	27	40.5	350	5076
MJ1214	20	3/4"	12	1.3/16"	12	32	41.5	280	4061
MJ1216	20	3/4"	12	1.5/16"	12	34	41.5	280	4061
MJ1612	25	1"	16	1.1/16"	12	32	41.5	280	4061
MJ1616	25	1"	16	1.5/16"	12	34	42.5	280	4061
MJ1620	25	1"	16	1.5/8"	12	42	45	280	4061
MJ2020	32	1.1/4"	20	1.5/8"	12	42	45.5	210	3046
MJ2024	32	1.1/4"	20	1.7/8"	12	50	52.5	140	2030
MJ2424	40	1.1/2"	24	1.7/8"	12	50	52.5	140	2030
MJ3232	50	2"	32	2.1/2"	12	65	62	105	1523

## JIC 37° ŻEŃSKA (1)



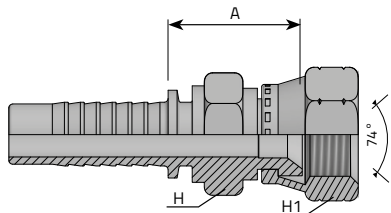
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
FDJ0304	-3	3/16"	4.8	7/16"	20	15	15	350	5076
FDJ0305	-3	3/16"	4.8	1/2"	20	17	15	350	5076
FDJ0404	-4	1/4"	6.4	7/16"	20	15	15	350	5076
FDJ0405	-4	1/4"	6.4	1/2"	20	17	16	350	5076
FDJ0406	-4	1/4"	6.4	9/16"	18	19	16	250	3626
FDJ0505	-5	5/16"	7.9	1/2"	20	17	16	350	5076
FDJ0506	-5	5/16"	7.9	9/16"	18	19	16	250	3626
FDJ0507	-5	5/16"	7.9	5/8"	18	22	17	-	-
FDJ0508	-5	5/16"	7.9	3/4"	16	24	17	250	3626
FDJ0606	-6	3/8"	9.5	9/16"	18	19	16.5	250	3626
FDJ0607	-6	3/8"	9.5	5/8"	18	22	17	-	-
FDJ0608	-6	3/8"	9.5	3/4"	16	24	17	250	3626
FDJ0610	-6	3/8"	9.5	7/8"	14	27	18.5	200	2901
FDJ0808	-8	1/2"	12.8	3/4"	16	24	18	250	3626
FDJ0810	-8	1/2"	12.8	7/8"	14	27	19	200	2901
FDJ0812	-8	1/2"	12.8	1.1/16"	12	32	22	200	2901
FDJ1010	-10	5/8"	16	7/8"	14	27	19.5	200	2901

## JIC 37° ŻEŃSKA (2)



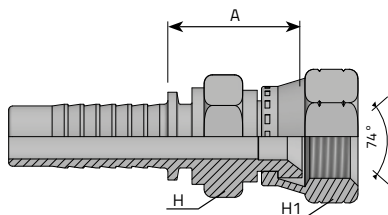
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
FDJ1012	-10	5/8"	16	1.1/16"	12	32	22.5	200	2901
FDJ1210	-12	3/4"	19	7/8"	14	27	20	200	2901
FDJ1212	-12	3/4"	19	1.1/16"	12	32	23	200	2901
FDJ1214	-12	3/4"	19	1.3/16"	12	36	23	160	2320
FDJ1216	-12	3/4"	19	1.5/16"	12	41	23	160	2320
FDJ1612	-16	1"	25.4	1.1/16"	12	32	24	200	2901
FDJ1616	-16	1"	25.4	1.5/16"	12	41	24.5	160	2320
FDJ1620	-16	1"	25.4	1.5/8"	12	50	28.5	125	1813
FDJ2020	-20	1.1/4"	31.8	1.5/8"	12	50	29	125	1813
FDJ2024	-20	1.1/4"	31.8	1.7/8"	12	55	31	100	1450
FDJ2424	-24	1.1/2"	38.1	1.7/8"	12	55	31	100	1450

## JIC 37° ŻEŃSKA (podwójny sześciokąt) (1)



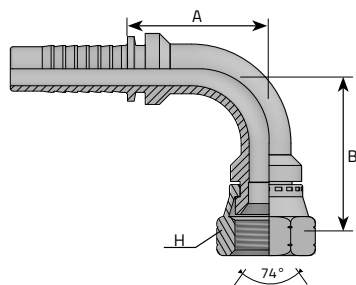
Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
FDJ0404GIR	-4	1/4"	6.4	7/16"	20	14	15	23.5	350	5076
FDJ0405GIR	-4	1/4"	6.4	1/2"	20	14	17	24	350	5076
FDJ0406GIR	-4	1/4"	6.4	9/16"	18	17	19	25.7	250	3626
FDJ0505GIR	-5	5/16"	7.9	1/2"	20	-	-	-	-	-
FDJ0506GIR	-5	5/16"	7.9	9/16"	18	17	19	25.2	250	3626
FDJ0605GIR	-6	3/8"	9.5	1/2"	20	17	17	22.5	-	-
FDJ0606GIR	-6	3/8"	9.5	9/16"	18	17	19	25.2	250	3626
FDJ0608GIR	-6	3/8"	9.5	3/4"	16	19	24	27.3	250	3626
FDJ0610GIR	-6	3/8"	9.5	7/8"	14	22	27	28.5	-	-
FDJ0612GIR	-6	3/8"	9.5	1.1/16"	12	27	32	33.5	-	-
FDJ0806GIR	-8	1/2"	12.8	9/16"	18	19	19	23.5	-	-
FDJ0808GIR	-8	1/2"	12.8	3/4"	16	22	24	27.8	250	3626
FDJ0810GIR	-8	1/2"	12.8	7/8"	14	22	27	29.5	200	2900
FDJ0812GIR	-8	1/2"	12.8	1.1/16"	12	27	32	34	-	-
FDJ0816GIR	-8	1/2"	12.8	1.5/16"	12	32	38	36	-	-
FDJ1010GIR	-10	5/8"	16	7/8"	14	24	27	29.5	200	2900
FDJ1012GIR	-10	5/8"	16	1.1/16"	12	27	32	34	-	-
FDJ1014GIR	-10	5/8"	16	1.3/16"	12	27	32	32.5	200	2900

## JIC 37° ŻEŃSKA (podwójny sześciokąt) (2)



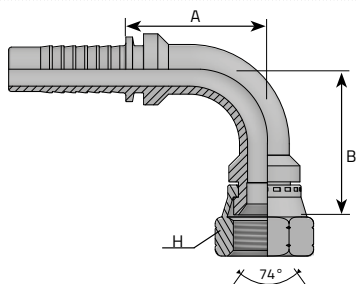
Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Waż	ø	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch	Inch	mm	mm	mm			
FDJ1210GIR	-12	3/4"	19	7/8"	14	27	27	35.3	-	-
FDJ1212GIR	-12	3/4"	19	1.1/16"	12	27	32	35	200	2900
FDJ1214GIR	-12	3/4"	19	1.3/16"	12	30	36	31	-	-
FDJ1216GIR	-12	3/4"	19	1.5/16"	12	32	38	36	-	-
FDJ1612GIR	-16	1"	25.4	1.1/16"	12	32	32	38	-	-
FDJ1614GIR	-16	1"	25.4	1.3/16"	12	30	36	31	-	-
FDJ1616GIR	-16	1"	25.4	1.5/16"	12	32	41	36	160	2320
FDJ1620GIR	-16	1"	25.4	1.5/8"	12	-	-	-	-	-
FDJ2020GIR	-20	1.1/4"	31.8	1.5/8"	12	41	50	49.6	-	-

## JIC 37° ŻEŃSKA - 90° KOLANO (1)



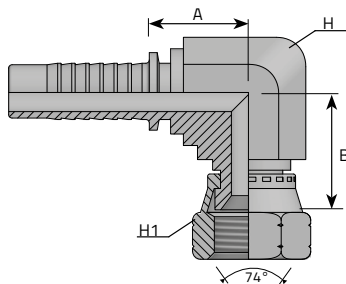
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90J0304	-3	3/16"	4.8	7/16"	20	15	26	23	350	5076
F90J0305	-3	3/16"	4.8	1/2"	20	17	27	23	350	5076
F90J0404	-4	1/4"	6.4	7/16"	20	15	26	23	350	5076
F90J0405	-4	1/4"	6.4	1/2"	20	17	27	23	350	5076
F90J0406	-4	1/4"	6.4	9/16"	18	19	27	23	250	3626
F90J0505	-5	5/16"	7.9	1/2"	20	17	32	31.5	350	5076
F90J0506	-5	5/16"	7.9	9/16"	18	19	32	31.5	250	3626
F90J0507	-5	5/16"	7.9	5/8"	18	22	32.5	31.5	-	-
F90J0508	-5	5/16"	7.9	3/4"	16	24	32.5	31.5	250	3626
F90J0606	-6	3/8"	9.5	9/16"	18	19	35	33	250	3626
F90J0607	-6	3/8"	9.5	5/8"	18	22	35.5	33	-	-
F90J0608	-6	3/8"	9.5	3/4"	16	24	36.5	33	250	3626
F90J0610	-6	3/8"	9.5	7/8"	14	27	39.5	33	200	2901
F90J0808	-8	1/2"	12.8	3/4"	16	24	41	39	250	3626
F90J0810	-8	1/2"	12.8	7/8"	14	27	42.5	39	200	2901
F90J0812	-8	1/2"	12.8	1.1/16"	12	32	50	39	200	2901
F90J1010	-10	5/8"	16	7/8"	14	27	50	49	200	2901

## JIC 37° ŻEŃSKA - 90° KOLANO (2)



Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90J1012	-10	5/8"	16	1.1/16"	12	32	55	49	200	2901
F90J1210	-12	3/4"	19	7/8"	14	27	58	53.5	200	2901
F90J1212	-12	3/4"	19	1.1/16"	12	32	58	53.5	200	2901
F90J1214	-12	3/4"	19	1.3/16"	12	36	61	53.5	160	2320
F90J1216	-12	3/4"	19	1.5/16"	12	41	62.5	53.5	160	2320
F90J1612	-16	1"	25.4	1.1/16"	12	32	80	69	200	2901
F90J1616	-16	1"	25.4	1.5/16"	12	41	69.5	73	160	2320
F90J1620	-16	1"	25.4	1.5/8"	12	50	78.5	73	125	1813
F90J2020	-20	1.1/4"	31.8	1.5/8"	12	50	91.5	89	125	1813
F90J2024	-20	1.1/4"	31.8	1.7/8"	12	55	99	89	100	1450
F90J2424	-24	1.1/2"	38.1	1.7/8"	12	55	112.5	101	100	1450

## JIC 37° ŻEŃSKA 90° KOLANO (KOMPAKT)

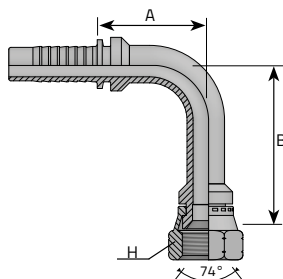


\* : drutowana

Kod	Rura		Gwint		Wymiary					Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	H1	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm	mm		
F90J0404K	-4	1/4"	6.4	7/16"	20	14	15	21.5	19	350	5076
F90J0406K	-4	1/4"	6.4	9/16"	18	14	19	23	19	250	3626
F90J0606K	-6	3/8"	9.5	9/16"	18	19	19	25	22	250	3626
F90J0608K	-6	3/8"	9.5	3/4"	16	19	24	28	22.5	250	3626
F90J0808K	-8	1/2"	12.8	3/4"	16	22	24	28	24	250	3626
* F90J1212K	-12	3/4"	19	1.1/16"	12	27	32	36	25	200	2901
* F90J1616K	-16	1"	25.4	1.5/16"	12	33	41	41.5	32.5	160	2320

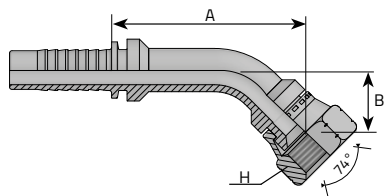


## JIC 37° ŻEŃSKA - 90° KOLANO (wydłużona)



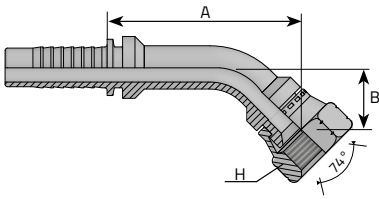
Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90J0404LD	-4	1/4"	6.4	7/16"	20	17	45	28.5	350	5076
F90J0405LD	-4	1/4"	6.4	1/2"	20	17	45	28.5	350	5076
F90J0406LD	-4	1/4"	6.4	9/16"	18	19	55.5	29.5	250	3626
F90J0606LD	-6	3/8"	9.5	9/16"	18	19	55	35.5	250	3626
F90J0608LD	-6	3/8"	9.5	3/4"	16	22	61.5	36.5	250	3626
F90J0808LD	-8	1/2"	12.8	3/4"	16	22	62.5	40.5	250	3626
F90J0810LD	-8	1/2"	12.8	7/8"	14	27	65	45	200	2901
F90J1010LD	-10	5/8"	16	7/8"	14	27	65.5	53.5	200	2901
F90J1212LD	-12	3/4"	19	1.1/16"	12	32	94.5	62	200	2901
F90J1616LD	-16	1"	25.4	1.5/16"	12	38	110	77	160	2320

## JIC 37° ŻEŃSKA - 45° KOLANO (1)



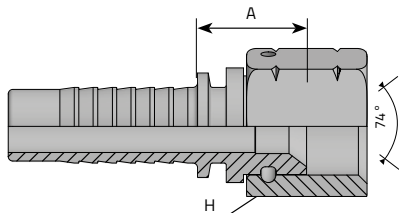
Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F45J0304	-3	3/16"	4.8	7/16"	20	15	15	38	350	5076
F45J0305	-3	3/16"	4.8	1/2"	20	17	17	40	350	5076
F45J0404	-4	1/4"	6.4	7/16"	20	15	15	38	350	5076
F45J0405	-4	1/4"	6.4	1/2"	20	17	17	40	350	5076
F45J0406	-4	1/4"	6.4	9/16"	18	19	16.5	39.5	250	3626
F45J0505	-5	5/16"	7.9	1/2"	20	17	17	40	350	5076
F45J0506	-5	5/16"	7.9	9/16"	18	19	18.5	49.5	250	3626
F45J0507	-5	5/16"	7.9	5/8"	18	22	19	50	-	-
F45J0508	-5	5/16"	7.9	3/4"	16	24	19.5	50.5	250	3626
F45J0606	-6	3/8"	9.5	9/16"	18	19	18	53	250	3626
F45J0607	-6	3/8"	9.5	5/8"	18	22	19	54	-	-
F45J0608	-6	3/8"	9.5	3/4"	16	24	19	54	250	3626
F45J0610	-6	3/8"	9.5	7/8"	14	27	21	56	200	2901
F45J0808	-8	1/2"	12.8	3/4"	16	24	20	62	200	2901
F45J0810	-8	1/2"	12.8	7/8"	14	27	21	63	200	2901
F45J0812	-8	1/2"	12.8	1.1/16"	12	32	22	64	200	2901
F45J1010	-10	5/8"	16	7/8"	14	27	22	60	200	2901

## JIC 37° ŻEŃSKA - 45° KOLANO (2)



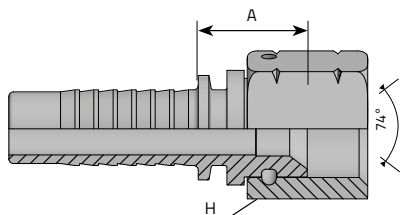
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm	mm	mm		
F45J1012	-10	5/8"	16	1.1/16"	12	32	25	63	200	2901
F45J1210	-12	3/4"	19	7/8"	14	27	29	62	200	2901
F45J1212	-12	3/4"	19	1.1/16"	12	32	29	62	200	2901
F45J1214	-12	3/4"	19	1.3/16"	12	36	29	63	160	2320
F45J1216	-12	3/4"	19	1.5/16"	12	41	29	63	160	2320
F45J1612	-16	1"	25.4	1.1/16"	12	32	39.5	100	200	2901
F45J1616	-16	1"	25.4	1.5/16"	12	41	39.5	88.5	160	2320
F45J1620	-16	1"	25.4	1.5/8"	12	50	38.5	89.5	125	1813
F45J2020	-20	1.1/4"	31.8	1.5/8"	12	50	44	101	125	1813
F45J2024	-20	1.1/4"	31.8	1.7/8"	12	55	45	103	100	1450
F45J2424	-24	1.1/2"	38.1	1.7/8"	12	55	45	118	100	1450

## JIC 37° ŻEŃSKA - DRUTOWANA (1)



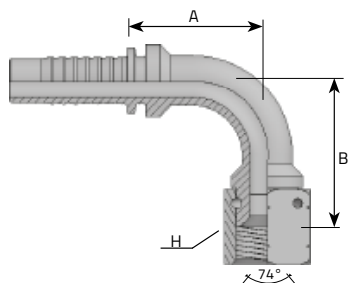
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
FDJ0304SP	-3	3/16"	4.8	7/16"	20	17	15	350	5076
FDJ0305SP	-3	3/16"	4.8	1/2"	20	17	15	350	5076
FDJ0404SP	-4	1/4"	6.4	7/16"	20	17	15	350	5076
FDJ0405SP	-4	1/4"	6.4	1/2"	20	17	16	350	5076
FDJ0406SP	-4	1/4"	6.4	9/16"	18	19	16	250	3626
FDJ0505SP	-5	5/16"	7.9	1/2"	20	17	16	350	5076
FDJ0506SP	-5	5/16"	7.9	9/16"	18	19	16	250	3626
FDJ0508SP	-5	5/16"	7.9	3/4"	16	24	17	250	3626
FDJ0606SP	-6	3/8"	9.5	9/16"	18	19	16.5	250	3626
FDJ0608SP	-6	3/8"	9.5	3/4"	16	24	17	250	3626
FDJ0610SP	-6	3/8"	9.5	7/8"	14	27	18.5	200	2901
FDJ0808SP	-8	1/2"	12.8	3/4"	16	24	18	250	3626
FDJ0810SP	-8	1/2"	12.8	7/8"	14	27	19	200	2901
FDJ0812SP	-8	1/2"	12.8	1.1/16"	12	32	22	200	2901
FDJ1010SP	-10	5/8"	16	7/8"	14	27	19.5	200	2901
FDJ1012SP	-10	5/8"	16	1.1/16"	12	32	22.5	200	2901

## JIC 37° ŻEŃSKA - DRUTOWANA (2)



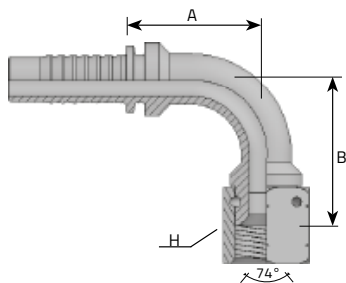
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
FDJ1210SP	-12	3/4"	19	7/8"	14	27	20	200	2901
FDJ1212SP	-12	3/4"	19	1.1/16"	12	32	23	200	2901
FDJ1216SP	-12	3/4"	19	1.5/16"	12	41	23	160	2320
FDJ1612SP	-16	1"	25.4	1.1/16"	12	32	24	200	2901
FDJ1616SP	-16	1"	25.4	1.5/16"	12	41	24.5	160	2320
FDJ1620SP	-16	1"	25.4	1.5/8"	12	50	28.5	125	1813
FDJ2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	29	125	1813
FDJ2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	31	100	1450
FDJ2424SP	-24	1.1/2"	38.1	1.7/8"	12	55	31	100	1450
FDJ2432SP	-24	1.1/2"	38.1	2.1/2"	12	70	31.5	80	1160
FDJ3232SP	-32	2"	50.8	2.1/2"	12	70	33	80	1160

## JIC 37° ŻEŃSKA -90° KOLANO - DRUTOWANA (1)



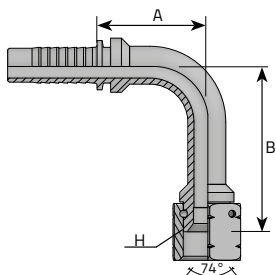
Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90J0304SP	-3	3/16"	4.8	7/16"	20	17	26	23	350	5076
F90J0305SP	-3	3/16"	4.8	1/2"	20	17	27	23	350	5076
F90J0404SP	-4	1/4"	6.4	7/16"	20	17	26	23	350	5076
F90J0405SP	-4	1/4"	6.4	1/2"	20	17	27	23	350	5076
F90J0406SP	-4	1/4"	6.4	9/16"	18	19	27	23	250	3626
F90J0505SP	-5	5/16"	7.9	1/2"	20	17	32	31.5	350	5076
F90J0506SP	-5	5/16"	7.9	9/16"	18	19	32	31.5	250	3626
F90J0508SP	-5	5/16"	7.9	3/4"	16	24	32.5	31.5	250	3626
F90J0606SP	-6	3/8"	9.5	9/16"	18	19	35	33	250	3626
F90J0608SP	-6	3/8"	9.5	3/4"	16	24	36.5	33	250	3626
F90J0610SP	-6	3/8"	9.5	7/8"	14	27	39.5	33	200	2901
F90J0808SP	-8	1/2"	12.8	3/4"	16	24	41	39	250	3626
F90J0810SP	-8	1/2"	12.8	7/8"	14	27	42.5	39	200	2901
F90J0812SP	-8	1/2"	12.8	1.1/16"	12	32	50	39	200	2901
F90J1010SP	-10	5/8"	16	7/8"	14	27	50	49	200	2901
F90J1012SP	-10	5/8"	16	1.1/16"	12	32	55	49	200	2901

## JIC 37° ŻEŃSKA - 90° KOLANO - DRUTOWANA (2)



Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż Inch	Ø mm	T Inch	t/1" mm	H mm	B mm	A mm	Bar	Psi
F90J1210SP	-12	3/4"	19	7/8"	14	27	58	53.5	200	2901
F90J1212SP	-12	3/4"	19	1.1/16"	12	32	58	53.5	200	2901
F90J1216SP	-12	3/4"	19	1.5/16"	12	41	62.5	53.5	160	2320
F90J1612SP	-16	1"	25.4	1.1/16"	12	32	80	69	200	2901
F90J1616SP	-16	1"	25.4	1.5/16"	12	41	69.5	73	160	2320
F90J1620SP	-16	1"	25.4	1.5/8"	12	50	78.5	73	125	1813
F90J2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	91.5	89	125	1813
F90J2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	99	89	100	1450
F90J2424SP	-24	1.1/2"	38.1	1.7/8"	12	55	112.5	101	100	1450
F90J2432SP	-24	1.1/2"	38.1	2.1/2"	12	70	115.5	101	80	1160
F90J3232SP	-32	2"	50.8	2.1/2"	12	70	136	135	80	1160

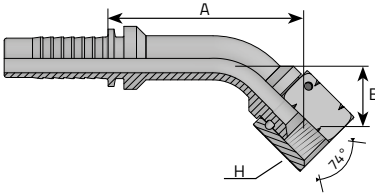
## JIC 37° ŻEŃSKA- 90°KOLANO wydłużana - DRUTOWANA



Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90J0404SPLD	-4	1/4"	6.4	7/16"	20	17	45	28.5	350	5076
F90J0405SPLD	-4	1/4"	6.4	1/2"	20	17	45	28.5	350	5076
F90J0406SPLD	-4	1/4"	6.4	9/16"	18	19	55.5	29.5	250	3626
F90J0606SPLD	-6	3/8"	9.5	9/16"	18	19	55	35.5	250	3626
F90J0608SPLD	-6	3/8"	9.5	3/4"	16	24	61.5	36.5	250	3626
F90J0808SPLD	-8	1/2"	12.8	3/4"	16	24	61.5	40.5	250	3626
F90J0810SPLD	-8	1/2"	12.8	7/8"	14	27	65	45	200	2901
F90J1010SPLD	-10	5/8"	16	7/8"	14	27	65.5	53.5	200	2901
F90J1212SPLD	-12	3/4"	19	1.1/16"	12	32	94.5	62	200	2901
F90J1616SPLD	-16	1"	25.4	1.5/16"	12	38	132	77	160	2320

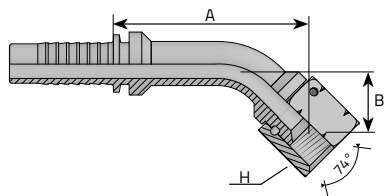


## JIC 37° ŻEŃSKA - 45° KOLANO - DRUTOWANA (1)



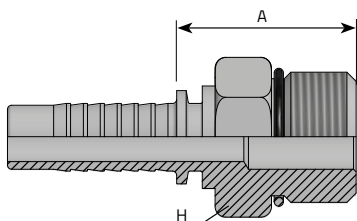
Kod	Rura				Gwint	Wymiary			Ciężnienie		
	D.N.	Waż	Ø	T		t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch	mm		mm	mm	mm	mm		
F45J0304SP	-3	3/16"	4.8	7/16"	20	17	15	38	350	5076	
F45J0305SP	-3	3/16"	4.8	1/2"	20	17	17	40	350	5076	
F45J0404SP	-4	1/4"	6.4	7/16"	20	17	15	38	350	5076	
F45J0405SP	-4	1/4"	6.4	1/2"	20	17	17	40	350	5076	
F45J0406SP	-4	1/4"	6.4	9/16"	18	19	16.5	39.5	250	3626	
F45J0505SP	-5	5/16"	7.9	1/2"	20	17	17	40	350	5076	
F45J0506SP	-5	5/16"	7.9	9/16"	18	19	18.5	49.5	250	3626	
F45J0508SP	-5	5/16"	7.9	3/4"	16	24	19.5	50.5	250	3626	
F45J0606SP	-6	3/8"	9.5	9/16"	18	19	18	53	250	3626	
F45J0608SP	-6	3/8"	9.5	3/4"	16	24	19	54	250	3626	
F45J0610SP	-6	3/8"	9.5	7/8"	14	27	21	56	200	2901	
F45J0808SP	-8	1/2"	12.8	3/4"	16	24	20	62	200	2901	
F45J0810SP	-8	1/2"	12.8	7/8"	14	27	21	63	200	2901	
F45J0812SP	-8	1/2"	12.8	1.1/16"	12	32	22	64	200	2901	
F45J1010SP	-10	5/8"	16	7/8"	14	27	22	60	200	2901	
F45J1012SP	-10	5/8"	16	1.1/16"	12	32	25	63	200	2901	

## JIC 37° ŻEŃSKA - 45° KOLANO - DRUTOWANA (2)



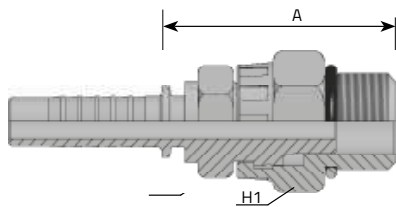
Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45J1210SP	-12	3/4"	19	7/8"	14	27	29	62	200	2901
F45J1212SP	-12	3/4"	19	1.1/16"	12	32	29	62	200	2901
F45J1216SP	-12	3/4"	19	1.5/16"	12	41	29	63	160	2320
F45J1612SP	-16	1"	25.4	1.1/16"	12	32	39.5	100	200	2901
F45J1616SP	-16	1"	25.4	1.5/16"	12	41	39.5	88.5	160	2320
F45J1620SP	-16	1"	25.4	1.5/8"	12	50	38.5	89.5	125	1813
F45J2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	44	101	125	1813
F45J2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	45	103	100	1450
F45J2424SP	-24	1.1/2"	38.1	1.7/8"	12	55	45	118	100	1450
F45J2432SP	-24	1.1/2"	38.1	2.1/2"	12	70	45.5	121	80	1160
F45J3232SP	-32	2"	50.8	2.1/2"	12	70	65.5	156	80	1160

## O-RING PRZYŁĄCZENIOWA MĘSKA



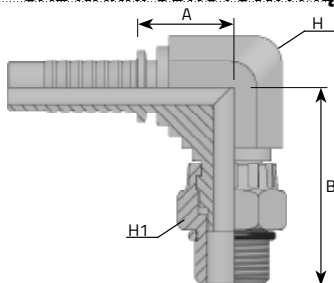
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MOB0404	-4	1/4"	6.4	7/16"	20	14	23.5		
MOB0405	-4	1/4"	6.4	1/2"	20	17	25.5		
MOB0406	-4	1/4"	6.4	9/16"	18	17	28		
MOB0606	-6	3/8"	9.5	9/16"	18	17	28		
MOB0608	-6	3/8"	9.5	3/4"	16	22	30.5		
MOB0610	-6	3/8"	9.5	7/8"	14	27	34.5		
MOB0808	-8	1/2"	12.8	3/4"	16	22	31		
MOB0810	-8	1/2"	12.8	7/8"	14	27	35		
MOB0812	-8	1/2"	12.8	1.1/16"	12	32	39		
MOB1008	-10	5/8"	16	3/4"	16	24	31.5		
MOB1010	-10	5/8"	16	7/8"	14	27	35		
MOB1012	-10	5/8"	16	1.1/16"	12	32	39		
MOB1212	-12	3/4"	19	1.1/16"	12	32	39		
MOB1216	-12	3/4"	19	1.5/16"	12	38	41.5		
MOB1616	-16	1"	25.4	1.5/16"	12	38	43		
MOB1620	-16	1"	25.4	1.5/8"	12	46	44		
MOB2020	-20	1".1/4	31.8	1.5/8"	12	46	44.5		

## O-RING PRZYŁĄCZENIOWA NAKR. OBROTOWA MĘSKA



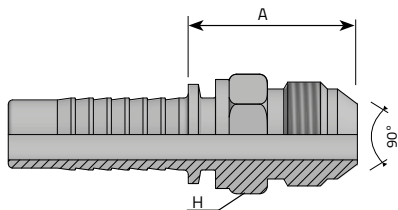
Kod	Rura			Gwint	Wymiary			Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	H	H1	A	Bar	Psi
		Inch	mm	Inch		mm	mm	mm		
MOB0404SW	-4	1/4"	6.4	7/16"	20					
MOB0406SW	-4	1/4"	6.4	9/16"	18					
MOB0606SW	-6	3/8"	9.5	9/16"	18					
MOB0608SW	-6	3/8"	9.5	3/4"	16					
MOB0808SW	-8	1/2"	12.8	3/4"	16					
MOB0810SW	-8	1/2"	12.8	7/8"	14					
MOB0812SW	-8	1/2"	12.8	1.1/16"	12					
MOB1010SW	-10	5/8"	16	7/8"	14					
MOB1212SW	-12	3/4"	19	1.1/16"	12					

## 90° SAE NAKR. OBROTOWA MĘSKA O-RING PRZYŁĄCZENIOWA (KOMPAKT)



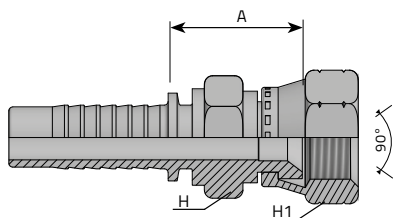
Kod	Rura		Gwint		Wymiary				Ciężnienie		
	D.N.	Wąż	∅	T	t/1"	H	H1	B	A	Bar	Psi
	Inch	Inch	mm	Inch		mm	mm	mm	mm		
MOB900404SW	-4	1/4"	6.4	7/16"	20						
MOB900406SW	-4	1/4"	6.4	9/16"	18						
MOB900606SW	-6	3/8"	9.5	9/16"	18						
MOB900608SW	-6	3/8"	9.5	3/4"	16						
MOB900808SW	-8	1/2"	12.8	3/4"	16						
MOB900810SW	-8	1/2"	12.8	7/8"	14						
MOB900812SW	-8	1/2"	12.8	1.1/16"	12						
MOB901010SW	-10	5/8"	16	7/8"	14						
MOB901212SW	-12	3/4"	19	1.1/16"	12						

## SAE 45° MĘSKA



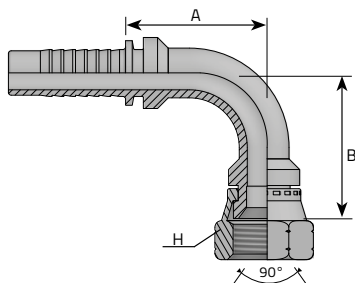
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MJ0404SV45	-4	1/4"	6.4	7/16"	20	14	25.2	450	6526
MJ0405SV45	-4	1/4"	6.4	1/2"	20	14	-	450	6526
MJ0607SV45	-6	3/8"	9.5	5/8"	18	17	29	-	-
MJ0608SV45	-6	3/8"	9.5	3/4"	16	19	30.5	415	6018
MJ0808SV45	-8	1/2"	12.8	3/4"	16	19	31	415	6018
MJ0810SV45	-8	1/2"	12.8	7/8"	14	24	35	350	5076
MJ1212SV45	-12	3/4"	19	1.1/16"	12	27	40.5	350	5076

## SAE 45° ŻEŃSKA (podwójny sześciokąt)



Kod	Rura				Gwint	Wymiary			Ciśnienie		
	D.N.	Waż	Ø	T		t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch			mm	mm	mm		
FDJ0404GIR45	-4	1/4"	6.4	7/16"	20	14	14	20.7	350	5076	
FDJ0405GIR45	-4	1/4"	6.4	1/2"	20	14	17	21.4	350	5076	
FDJ0607GIR45	-6	3/8"	9.5	5/8"	18	17	22	25.2	-	-	
FDJ0608GIR45	-6	3/8"	9.5	3/4"	16	19	22	27.3	250	3626	
FDJ0808GIR45	-8	1/2"	12.8	3/4"	16	19	22	27.8	250	3626	
FDJ0810GIR45	-8	1/2"	12.8	7/8"	14	22	-	29.5	200	2900	
FDJ1212GIR45	-12	3/4"	19	1.1/16"	12	27	32	35	200	2900	

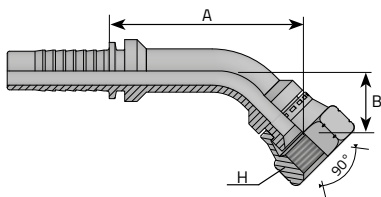
## SAE 45° ŻEŃSKA - 90° KOLANO



Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90J0404SV45	-4	1/4"	6.4	7/16"	20	15	26	23	350	5076
F90J0405SV45	-4	1/4"	6.4	1/2"	20	17	27	23	350	5076
F90J0507SV45	-5	5/16"	7.9	5/8"	18	22	32.5	31.5	-	-
F90J0607SV45	-6	3/8"	9.5	5/8"	18	22	35.5	33	-	-
F90J0608SV45	-6	3/8"	9.5	3/4"	16	24	36.5	33	250	3626
F90J0808SV45	-8	1/2"	12.8	3/4"	16	24	41	39	250	3626
F90J1212SV45	-12	3/4"	19	1.1/16"	12	32	58	53.5	200	2900

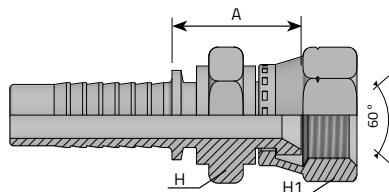


## SAE 45° ŻEŃSKA - 45° KOLANO



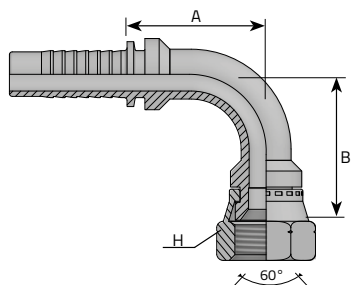
Kod	Rura				Gwint	Wymiary			Ciśnienie		
	D.N.	Waż	Ø	T		t/1"	H	B	A	Bar	Psi
	Inch	mm	mm	Inch			mm	mm	mm		
F45J0404SV45	-4	1/4"	6.4	7/16"	20	15	15	38	350	5076	
F45J0405SV45	-4	1/4"	6.4	1/2"	20	17	17	40	350	5076	
F45J0607SV45	-6	3/8"	9.5	5/8"	18	22	19	54			
F45J0608SV45	-6	3/8"	9.5	3/4"	16	24	19	54	250	3626	
F45J0808SV45	-8	1/2"	12.8	3/4"	16	24	20	62	200	2900	
F45J0810SV45	-8	1/2"	12.8	7/8"	14	27	21	63	200	2900	
F45J0812SV45	-8	1/2"	12.8	1.1/16"	12	32	22	64	200	2900	
F45J1212SV45	-12	3/4"	19	1.1/16"	12	32	29	62	200	2900	

## KOMATSU METRYCZNA ŻEŃSKA



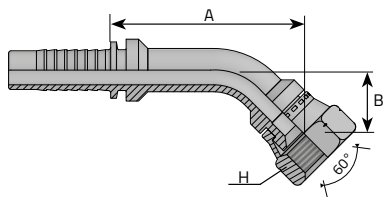
Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
FDK0414	-4	1/4"	6.4	M14 x 1.5	17	19	24.2		350	5076
FDK0416	-4	1/4"	6.4	M 16 x 1.5	19	22	24.2		280	4061
FDK0516	-5	5/16"	7.9	M16 x 1.5	19	22	24.2		280	4061
FDK0614	-6	3/8"	9.5	M14 x 1.5	17	19	24.2		280	4061
FDK0616	-6	3/8"	9.5	M16 x 1.5	19	22	24.2		280	4061
FDK0618	-6	3/8"	9.5	M18 x 1.5	24	24	25.8		280	4061
FDK0818	-8	1/2"	12.8	M18 x 1.5	24	24	26.3		280	4061
FDK0820	-8	1/2"	12.8	M20 x 1.5	27	27	29		200	2901
FDK0822	-8	1/2"	12.8	M22 x 1.5	27	27	29		200	2901
FDK0824	-8	1/2"	12.8	M24 x 1.5	32	32	32		200	2901
FDK1022	-10	5/8"	16	M22 x 1.5	27	27	29		200	2901
FDK1024	-10	5/8"	16	M24 x 1.5	32	32	32.5		200	2901
FDK1230	-12	3/4"	19	M30 x 1.5	36	36	32.5		160	2320
FDK1633	-16	1"	25.4	M33 x 1.5	41	41	34.6		160	2320
FDK2036	-20	1.1/4"	31.8	M36 x 1.5	46	46	37.5		125	1813
FDK2442	-24	1.1/2"	38.1	M42 x 1.5	50	50	36.1		100	1450

## KOMATSU ŻEŃSKA - 90° KOLANO



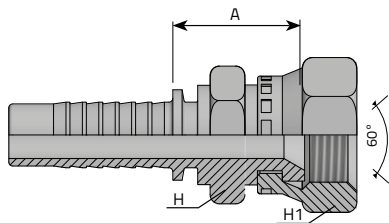
Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
F90K0414	-4	1/4"	6.4	M14 x 1.5		19	27	23	350	5076
<b>F90K0416</b>	<b>-4</b>	<b>1/4"</b>	<b>6.4</b>	<b>M16 x 1.5</b>		<b>22</b>	<b>27</b>	<b>23</b>	<b>250</b>	<b>3626</b>
F90K0516	-5	5/16"	7.9	M16 x 1.5		22	32	31.5	250	3626
<b>F90K0614</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>M14 x 1.5</b>		<b>19</b>	<b>35</b>	<b>33</b>	<b>250</b>	<b>3626</b>
F90K0616	-6	3/8"	9.5	M16 x 1.5		22	35	33	250	3626
<b>F90K0618</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>M18 x 1.5</b>		<b>24</b>	<b>36.5</b>	<b>33</b>	<b>250</b>	<b>3626</b>
F90K0818	-8	1/2"	12.8	M18 x 1.5		24	41	39	250	3626
<b>F90K0820</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M20 x 1.5</b>		<b>27</b>	<b>43.5</b>	<b>39</b>	<b>200</b>	<b>2901</b>
F90K0822	-8	1/2"	12.8	M22 x 1.5		27	43.5	39	200	2901
<b>F90K0824</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M24 x 1.5</b>		<b>32</b>	<b>50</b>	<b>39</b>	<b>200</b>	<b>2901</b>
F90K1022	-10	5/8"	16	M22 x 1.5		27	50	49	200	2901
<b>F90K1024</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>M24 x 1.5</b>		<b>32</b>	<b>55</b>	<b>49</b>	<b>200</b>	<b>2901</b>
F90K1230	-12	3/4"	19	M30 x 1.5		36	62.5	53.5	160	2320
<b>F90K1633</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>M33 x 1.5</b>		<b>41</b>	<b>69.5</b>	<b>73</b>	<b>160</b>	<b>2320</b>
F90K2036	-20	1.1/4"	31.8	M36 x 1.5		46	88	89	125	1813
<b>F90K2442</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>M42 x 1.5</b>		<b>50</b>	<b>106.5</b>	<b>101</b>	<b>100</b>	<b>1450</b>

## KOMATSU ŻEŃSKA - 45° KOLANO



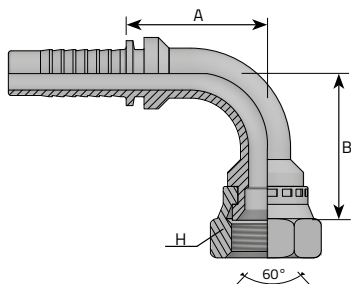
Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
F45K0414	-4	1/4"	6.4	M14 x 1.5		19	17	40	350	5076
F45K0416	-4	1/4"	6.4	M16 x 1.5		22	17	40	250	3626
F45K0516	-5	5/16"	7.9	M16 x 1.5		22	18.5	49.5	250	3626
F45K0614	-6	3/8"	9.5	M14 x 1.5		19	18	53	250	3626
F45K0616	-6	3/8"	9.5	M16 x 1.5		22	18	53	250	3626
F45K0618	-6	3/8"	9.5	M18 x 1.5		24	19	54	250	3626
F45K0818	-8	1/2"	12.8	M18 x 1.5		24	20	62	250	3626
F45K0820	-8	1/2"	12.8	M20 x 1.5		27	22	63	200	2901
F45K0822	-8	1/2"	12.8	M22 x 1.5		27	22	63	200	2901
F45K0824	-8	1/2"	12.8	M24 x 1.5		32	22	64	200	2901
F45K1022	-10	5/8"	16	M22 x 1.5		27	22	60	200	2901
F45K1024	-10	5/8"	16	M24 x 1.5		32	25	63	200	2901
F45K1230	-12	3/4"	19	M30 x 1.5		36	29	63	160	2320
F45K1633	-16	1"	25.4	M33 x 1.5		41	39.5	88.5	160	2320
F45K2036	-20	1.1/4"	31.8	M36 x 1.5		46	40	101	125	1813
F45K2442	-24	1.1/2"	38.1	M42 x 1.5		50	39	118	100	1450

## TOYOTA ŻEŃSKA



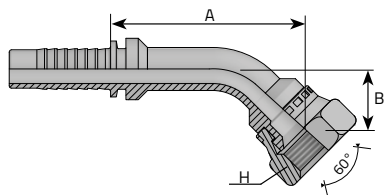
Kod	Rura				Gwint	Wymiary			Ciśnienie		
	D.N.	Wąż	Ø	T		t/1"	H	H1	A	Bar	Psi
		Inch	mm	Inch			mm	mm	mm		
FDT0404	-4	1/4"	6.4	1/4"	19	17	19	51	350	5076	
FDT0606	-6	3/8"	9.5	3/8"	19	19	22	54	280	4061	
FDT0808	-8	1/2"	12.8	1/2"	14	22	27	60.5	200	2901	
FDT1212	-12	3/4"	19	3/4"	14	27	32	70.5	200	2901	
FDT1616	-16	1"	25.4	1"	11	32	38	88	160	2320	
FDT2020	-20	1.1/4"	31.8	1.1/4"	11	41	50	97.5	125	1813	
FDT2424	-24	1.1/2"	38.1	1.1/2"	11	50	55	110.5	100	1450	

## TOYOTA ŻEŃSKA - 90° KOLANO



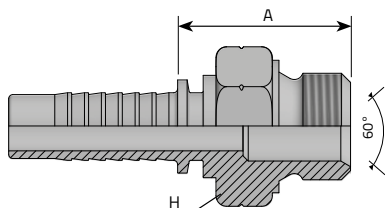
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	∅	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90T0404	-4	1/4"	6.4	1/4"	19	19	26	23	350	5076
F90T0606	-6	3/8"	9.5	3/8"	19	22	34.5	33	280	4061
F90T0808	-8	1/2"	12.8	1/2"	14	27	41	39	200	2901
F90T1212	-12	3/4"	19	3/4"	14	32	54.5	53.5	200	2901
F90T1616	-16	1"	25.4	1"	11	38	68	73	160	2320
F90T2020	-20	1.1/4"	31.8	1.1/2"	11	50	88.5	89	125	1813
F90T2424	-24	1.1/2"	38.1	1.1/2"	11	55	109.5	101	100	1450

## TOYOTA ŻEŃSKA 45° KOLANO



Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	∅	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45T0404	-4	1/4"	6.4	1/4"	19	19	14	40	350	5076
F45T0606	-6	3/8"	9.5	3/8"	19	22	16.5	55	280	4061
F45T0808	-8	1/2"	12.8	1/2"	14	27	19	65	200	2901
F45T1212	-12	3/4"	19	3/4"	14	32	24.5	63	200	2901
F45T1616	-16	1"	25.4	1"	11	38	37	90	160	2320
F45T2020	-20	1.1/4"	31.8	1.1/4"	11	50	39.5	102	125	1813
F45T2424	-24	1.1/2"	38.1	1.1/2"	11	55	40.5	118	100	1450

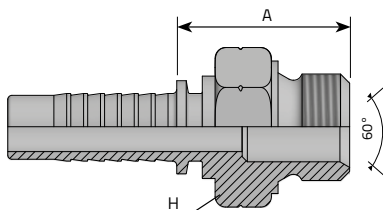
## METRYCZNA MĘSKA -STOŻEK 60° (1)



Kod	Rura		Ø	T	Gwint	Wymiary		Ciśnienie	
	D.N.	Wąż				H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm			
MM0310	-3	3/16"	4.8	M10 x 1	14	21	400	5801	
MM0312	-3	3/16"	4.8	M12 x 1.5	17	24.5	400	5801	
MM0410	-4	1/4"	6.4	M10 x 1	14	21	400	5801	
MM0412	-4	1/4"	6.4	M12 x 1.5	17	25.5	400	5801	
MM0414	-4	1/4"	6.4	M14 x 1.5	19	27	400	5801	
MM0416	-4	1/4"	6.4	M16 x 1.5	22	29	400	5801	
MM0418	-4	1/4"	6.4	M18 x 1.5	24	29	400	5801	
MM0514	-5	5/16"	7.9	M14 x 1.5	19	27	350	5076	
MM0516	-5	5/16"	7.9	M16 x 1.5	22	29	350	5076	
MM0518	-5	5/16"	7.9	M18 x 1.5	24	29	350	5076	
MM0614	-6	3/8"	9.5	M14 x 1.5	19	27	400	5801	
MM0616	-6	3/8"	9.5	M16 x 1.5	22	29	400	5801	
MM0618	-6	3/8"	9.5	M18 x 1.5	24	29	400	5801	
MM0620	-6	3/8"	9.5	M20 x 1.5	27	32	350	5076	
MM0622	-6	3/8"	9.5	M22 x 1.5	27	32	350	5076	
MM0818	-8	1/2"	12.8	M18 x 1.5	24	29	400	5801	

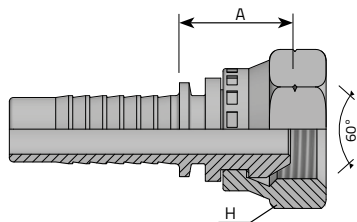


## METRYCZNA MĘSKA - STOŻEK 60° (2)



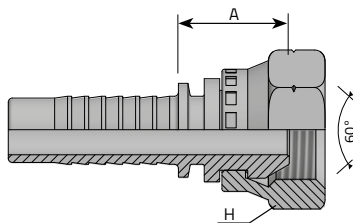
Kod	Rura		Gwint	Wymiary		Ciężnienie		
	D.N.	Waż		ø	T	H	A	Bar
		Inch	mm	mm	mm	mm		
MM0820	-8	1/2"	12.8	M20 x 1.5	27	33	350	5076
<b>MM0822</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M22 x 1.5</b>	<b>27</b>	<b>33</b>	<b>350</b>	<b>5076</b>
MM0824	-8	1/2"	12.8	M24 x 1.5	30	36	315	4568
<b>MM0826</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M26 x 1.5</b>	<b>32</b>	<b>36</b>	<b>315</b>	<b>4568</b>
MM1026	-10	5/8"	16	M26 x 1.5	32	36	315	4568
<b>MM1226</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>M26 x 1.5</b>	<b>32</b>	<b>37</b>	<b>315</b>	<b>4568</b>
MM1230	-12	3/4"	19	M30 x 1.5	36	36	250	3626
<b>MM1638</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>M38 x 1.5</b>	<b>46</b>	<b>37</b>	<b>200</b>	<b>2901</b>
MM2045	-20	1.1/4"	31.8	M45 x 1.5	50	43.5	160	2320
<b>MM2452</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>M52 x 1.5</b>	<b>55</b>	<b>46</b>	<b>125</b>	<b>1813</b>

## METRYCZNA ŻEŃSKA - 60° STOŻEK (1)



Kod	Rura		Gwint	Wymiary		Ciśnienie		
	D.N.	Wąż		ø	T	H	A	Bar
	Inch	mm	mm	mm	mm	mm		
FDM0310	-3	3/16"	4.8	M10 x 1	15	18	350	5076
FDM0312	-3	3/16"	4.8	M12 x 1.5	17	18	350	5076
FDM0410	-4	1/4"	6.4	M10 x 1	15	18	350	5076
FDM0412	-4	1/4"	6.4	M12 x 1.5	17	18	350	5076
FDM0414	-4	1/4"	6.4	M14 x 1.5	19	18	350	5076
FDM0416	-4	1/4"	6.4	M16 x 1.5	22	19	350	5076
FDM0418	-4	1/4"	6.4	M18 x 1.5	22	19	350	5076
FDM0514	-5	5/16"	7.9	M14 x 1.5	19	18	350	5076
FDM0516	-5	5/16"	7.9	M16 x 1.5	22	19	350	5076
FDM0518	-5	5/16"	7.9	M18 x 1.5	22	19	350	5076
FDM0614	-6	3/8"	9.5	M14 x 1.5	19	19	350	5076
FDM0616	-6	3/8"	9.5	M16 x 1.5	22	20	350	5076
FDM0618	-6	3/8"	9.5	M18 x 1.5	22	20	350	5076
FDM0620	-6	3/8"	9.5	M20 x 1.5	27	21	315	4568
FDM0622	-6	3/8"	9.5	M22 x 1.5	27	21	315	4568
FDM0818	-8	1/2"	12.8	M18 x 1.5	24	20	315	4568

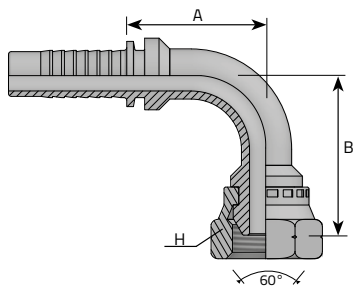
## METRYCZNA ŻEŃSKA - 60° STOŻEK (2)



\* ZDEJMOWANA NAKRĘTKA + KULISTE USZCZELNIENIE

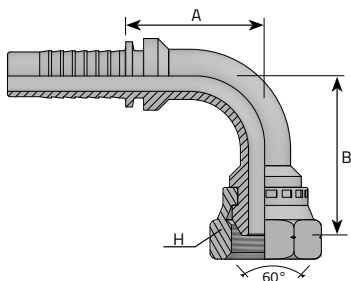
Kod	Rura		Gwint	Wymiary		Ciśnienie			
	D.N.	Wąż		ø	T	H	A	Bar	Psi
		Inch	mm	mm	mm	mm			
FDM0820	-8	1/2"	12.8	M20 x 1.5	27	22	315	4568	
<b>FDM0822</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M22 x 1.5</b>	<b>27</b>	<b>22</b>	<b>315</b>	<b>4568</b>	
FDM0824	-8	1/2"	12.8	M24 x 1.5	30	23	250	3626	
<b>FDM0826</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M26 x 1.5</b>	<b>32</b>	<b>24</b>	<b>250</b>	<b>3626</b>	
FDM1026	-10	5/8"	16	M26 x 1.5	32	24	250	3626	
<b>FDM1027</b>	<b>-10</b>	<b>5.8</b>	<b>16</b>	<b>M27 x 1.5</b>	<b>32</b>	<b>24</b>	<b>250</b>	<b>3626</b>	
FDM1226	-12	3/4"	19	M26 x 1.5	32	25	315	4568	
<b>FDM1227</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>M27 x 1.5</b>	<b>32</b>	<b>25</b>	<b>250</b>	<b>3626</b>	
*	FDM1230	-12	3/4"	19	M30 x 1.5	36	26	200	2901
	<b>FDM1233</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>M33 x 1.5</b>	<b>38</b>	<b>27.5</b>	<b>160</b>	<b>2320</b>
*	FDM1638	-16	1"	25.4	M38 x 1.5	46	37	125	1813
*	<b>FDM2045</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>	<b>M45 x 1.5</b>	<b>50</b>	<b>32</b>	<b>125</b>	<b>1813</b>
*	FDM2452	-24	1.1/2"	38.1	M52 x 1.5	60	38.5	125	1813

## METRYCZNA ŻEŃSKA - 90° KOLANO (1)



	Kod	Rura		Gwint		Wymiary			Ciśnienie	
		D.N.	Wąż	ø	T	H	B	A	Bar	Psi
Inch		Inch	mm	mm	mm	mm	mm	mm		
	F90M0310	-3	3/16"	4.8	M10 x 1	15	29	23	350	5076
	F90M0312	-3	3/16"	4.8	M12 x 1.5	17	29	23	350	5076
	F90M0410	-4	1/4"	6.4	M10 x 1	15	29	23	350	5076
	F90M0412	-4	1/4"	6.4	M12 x 1.5	17	29	23	350	5076
	F90M0414	-4	1/4"	6.4	M14 x 1.5	19	29	23	350	5076
	F90M0416	-4	1/4"	6.4	M16 x 1.5	22	32	23	350	5076
	F90M0418	-4	1/4"	6.4	M18 x 1.5	22	32	23	350	5076
	F90M0514	-5	5/16"	7.9	M14 x 1.5	19	33.5	31.5	350	5076
	F90M0516	-5	5/16"	7.9	M16 x 1.5	22	35.5	31.5	350	5076
	F90M0518	-5	5/16"	7.9	M18 x 1.5	22	35.5	31.5	350	5076
	F90M0614	-6	3/8"	9.5	M14 x 1.5	19	37	33	350	5076
	F90M0616	-6	3/8"	9.5	M16 x 1.5	22	38	33	350	5076
	F90M0618	-6	3/8"	9.5	M18 x 1.5	22	38	33	350	5076
	F90M0620	-6	3/8"	9.5	M20 x 1.5	27	42	33	315	4568
	F90M0622	-6	3/8"	9.5	M22 x 1.5	27	42	33	315	4568
	F90M0818	-8	1/2"	12.8	M18 x 1.5	24	43	39	315	4568

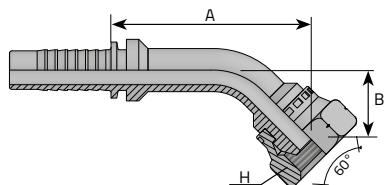
## METRYCZNA ŻEŃSKA - 90° KOLANO (2)



\* ZDEJMOWANA NAKRĘTKA + KULISTE USZCZELNIENIE

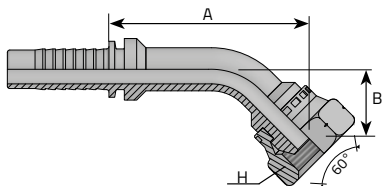
Kod	Rura		Gwint	Wymiary			Ciśnienie		
	D.N.	Wąż		ø	T	H	B	A	Bar
		Inch	mm	mm	mm	mm	mm		
F90M0820	-8	1/2"	12.8	M20 x 1.5	27	45	39	315	4568
<b>F90M0822</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M22 x 1.5</b>	<b>27</b>	<b>45</b>	<b>39</b>	<b>315</b>	<b>4568</b>
F90M0824	-8	1/2"	12.8	M24 x 1.5	30	47	39	250	3626
<b>F90M0826</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M26 x 1.5</b>	<b>32</b>	<b>51</b>	<b>39</b>	<b>250</b>	<b>3626</b>
F90M1026	-10	5/8"	16	M26 x 1.5	32	56	49	250	3626
<b>F90M1027</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>M27 x 1.5</b>	<b>32</b>	<b>56</b>	<b>49</b>	<b>250</b>	<b>3626</b>
F90M1226	-12	3/4"	19	M26 x 1.5	32	59	53.5	250	3626
<b>F90M1227</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>M27 x 1.5</b>	<b>32</b>	<b>59</b>	<b>53.5</b>	<b>250</b>	<b>3626</b>
* F90M1230	-12	3/4"	19	M30 x 1.5	36	63	53.5	-	-
* <b>F90M1638</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>M38 x 1.5</b>	<b>46</b>	<b>72</b>	<b>73</b>	<b>-</b>	<b>-</b>
* F90M2045	-20	1.1/4"	31.8	M45 x 1.5	50	89	93	-	-
* <b>F90M2452</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>M52 x 1.5</b>	<b>55</b>	<b>110</b>	<b>99</b>	<b>-</b>	<b>-</b>

## METRYCZNA ŻEŃSKA - 45° KOLANO (1)



Kod	Rura				Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø	T		H	B	A	Bar	Psi
		Inch	mm	mm		mm	mm	mm	mm	
F45M0310	-3	3/16"	4.8	M10 x 1	15	17	40	350	5076	
F45M0312	-3	3/16"	4.8	M12 x 1.5	17	17	40	350	5076	
F45M0410	-4	1/4"	6.4	M10 x 1	15	17	40	350	5076	
F45M0412	-4	1/4"	6.4	M12 x 1.5	17	17	40	350	5076	
F45M0414	-4	1/4"	6.4	M14 x 1.5	19	17	40	350	5076	
F45M0416	-4	1/4"	6.4	M16 x 1.5	22	20	43	350	5076	
F45M0418	-4	1/4"	6.4	M18 x 1.5	22	20	43	350	5076	
F45M0514	-5	5/16"	7.9	M14 x 1.5	19	17	40	350	5076	
F45M0516	-5	5/16"	7.9	M16 x 1.5	22	20	43	350	5076	
F45M0518	-5	5/16"	7.9	M18 x 1.5	22	20	43	350	5076	
F45M0614	-6	3/8"	9.5	M14 x 1.5	19	20	55	350	5076	
F45M0616	-6	3/8"	9.5	M16 x 1.5	22	20	55	350	5076	
F45M0618	-6	3/8"	9.5	M18 x 1.5	22	20	55	350	5076	
F45M0620	-6	3/8"	9.5	M20 x 1.5	27	23	58	315	4568	
F45M0622	-6	3/8"	9.5	M22 x 1.5	27	23	58	315	4568	
F45M0818	-8	1/2"	12.8	M18 x 1.5	24	23	65	315	4568	

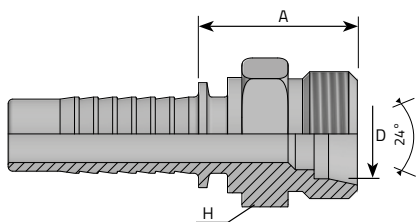
## METRYCZNA ŻEŃSKA - 45° KOLANO (2)



\* ZDEJMOWANA NAKRĘTKA + KULISTE USZCZELNIENIE

Kod	Rura				Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T		H	B	A	Bar	Psi
	Inch	mm	mm	mm		mm	mm	mm		
F45M0820	-8	1/2"	12.8	M20 x 1.5	27	23	65	315	4568	
F45M0822	-8	1/2"	12.8	M22 x 1.5	27	23	65	315	4568	
F45M0824	-8	1/2"	12.8	M24 x 1.5	30	21	66	250	3626	
F45M0826	-8	1/2"	12.8	M26 x 1.5	32	21	66	250	3626	
F45M1026	-10	5/8"	16	M26 x 1.5	32	26	64	250	3626	
F45M1027	-10	5/8"	16	M27 x 1.5	32	26	64	250	3626	
F45M1226	-12	3/4"	19	M26 x 1.5	32	29	63	250	3626	
F45M1227	-12	3/4"	19	M27 x 1.5	32	29	63	250	3626	
* F45M1230	-12	3/4"	19	M30 x 1.5	36	31	65	-	-	
* F45M1638	-16	1"	25.4	M38 x 1.5	46	41	90	-	-	
* F45M2045	-20	1.1/4"	31.8	M45 x 1.5	50	45	103	-	-	
* F45M2452	-24	1.1/2"	38.1	M52 x 1.5	55	53	119	-	-	

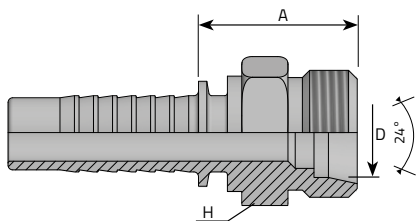
## METRYCZNA MĘSKA 24° STOŻEK - TYP L (1)



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	D	H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm		
ME0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	22.5	250	3626
ME0314L8	-3	3/16"	4.8	M14 x 1.5	8	15	23	250	3626
ME0412L6	-4	1/4"	6.4	M12 x 1.5	6	14	23	250	3626
ME0414L8	-4	1/4"	6.4	M14 x 1.5	8	15	23	250	3626
ME0416L10	-4	1/4"	6.4	M16 x 1.5	10	17	25	250	3626
ME0418L12	-4	1/4"	6.4	M18 x 1.5	12	19	26	250	3626
ME0514L8	-5	5/16"	7.9	M14 x 1.5	8	15	23	250	3626
ME0516L10	-5	5/16"	7.9	M16 x 1.5	10	17	25	250	3626
ME0518L12	-5	5/16"	7.9	M18 x 1.5	12	19	26	250	3626
ME0616L10	-6	3/8"	9.5	M16 x 1.5	10	17	25	250	3626
ME0618L12	-6	3/8"	9.5	M18 x 1.5	12	19	25	250	3626
ME0622L15	-6	3/8"	9.5	M22 x 1.5	15	24	27	250	3626
ME0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	26	250	3626
ME0822L15	-8	1/2"	12.8	M22 x 1.5	15	24	27.5	250	3626
ME0826L18	-8	1/2"	12.8	M26 x 1.5	18	27	27.5	160	2320
ME1026L18	-10	5/8"	16	M26 x 1.5	18	27	27.5	160	2320

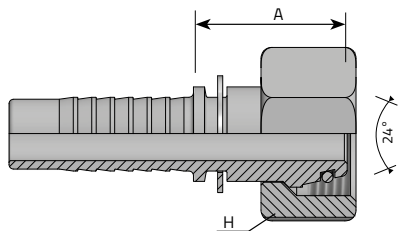


## METRYCZNA MĘSKA 24° STOŻEK - TYP L (2)



Kod	Rura		Gwint	Wymiary			Ciśnienie		
	D.N.	Wąż		ø	T	D	H	A	Bar
		Inch	mm	mm	mm	mm	mm		
ME1030L22	-10	5/8"	16	M30 x 2	22	32	31.5	160	2320
ME1226L18	-12	3/4"	19	M26 x 1.5	18	27	29	160	2320
ME1230L22	-12	3/4"	19	M30 x 2	22	32	32	160	2320
ME1636L28	-16	1"	25.4	M36 x 2	28	38	40	100	1450
ME2045L35	-20	1.1/4"	31.8	M45 x 2	35	46	41.5	100	1450
ME2452L42	-24	1.1/2"	38.1	M52 x 2	42	55	40	100	1450

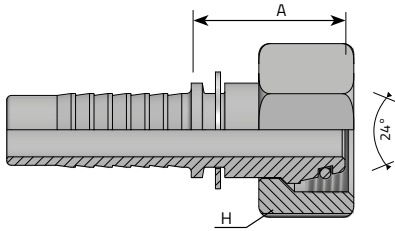
## METRYCZNA ŻEŃSKA 24° STOŻEK - TYP L (1)



\* NAKRĘTKA ZACISKANA

Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	D	H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm		
FE0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	25.5	250	3626
FE0314L8	-3	3/16"	4.8	M14 x 1.5	8	17	25.5	250	3626
* FE0412L6	-4	1/4"	6.4	M12 x 1.5	6	17	21	250	3626
FE0414L8	-4	1/4"	6.4	M14 x 1.5	8	17	23.5	250	3626
FE0416L10	-4	1/4"	6.4	M16 x 1.5	10	19	26	250	3626
FE0418L12	-4	1/4"	6.4	M18 x 1.5	12	22	26	250	3626
* FE0514L8	-5	5/16"	7.9	M14 x 1.5	8	19	21.5	250	3626
FE0516L10	-5	5/16"	7.9	M16 x 1.5	10	19	26	250	3626
FE0518L12	-5	5/16"	7.9	M18 x 1.5	12	22	26	250	3626
* FE0616L10	-6	3/8"	9.5	M16 x 1.5	10	19	23.5	250	3626
FE0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	26.5	250	3626
FE0622L15	-6	3/8"	9.5	M22 x 1.5	15	27	27	250	3626
* FE0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	25.5	250	3626
FE0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	27.5	250	3626
FE0826L18	-8	1/2"	12.8	M26 x 1.5	18	32	28	160	2320
FE1026L18	-10	5/8"	16	M26 x 1.5	18	32	30	160	2320

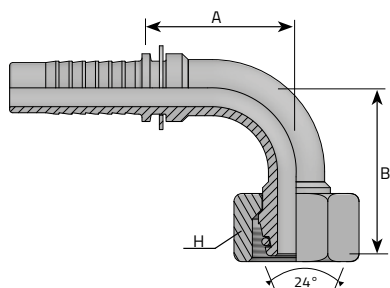
## METRYCZNA ŻEŃSKA 24° STOŻEK - TYP L (2)



\* NAKRĘTKA ZACISKANA

Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	D	H	A	Bar	Psi
		Inch	mm	mm	mm	mm	mm		
FE1030L22	-10	5/8"	16	M30 x 2	22	36	31	160	2320
* FE1226L18	-12	3/4"	19	M26 x 1.5	18	32	29	160	2320
FE1230L22	-12	3/4"	19	M30 x 2	22	36	31	160	2320
FE1636L28	-16	1"	25.4	M36 x 2	28	41	33.5	100	1450
FE2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	38.5	100	1450
FE2452L42	-24	1.1/2"	38.1	M52 x 2	42	60	39	100	1450

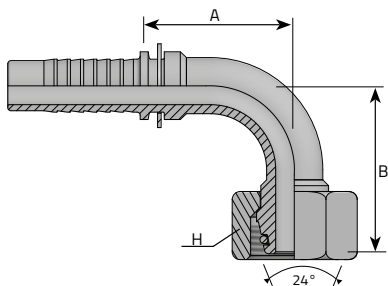
## METRYCZNA ŻEŃSKA 24° STOŻEK - 90° KOLANO - TYP L (1)



\* NAKRĘTKA ZACISKANA

Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Waż	ø	T	D	H	B	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm	mm		
F90E0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	31.5	29.5	250	3626
F90E0314L8	-3	3/16"	4.8	M14 x 1.5	8	17	31.5	29.5	250	3626
* F90E0412L6	-4	1/4"	6.4	M12 x 1.5	6	17	31.5	29.5	250	3626
F90E0414L8	-4	1/4"	6.4	M14 x 1.5	8	17	31.5	29.5	250	3626
F90E0416L10	-4	1/4"	6.4	M16 x 1.5	10	19	32.5	29	250	3626
F90E0418L12	-4	1/4"	6.4	M18 x 1.5	12	22	30.5	27	250	3626
* F90E0514L8	-5	5/16"	7.9	M14 x 1.5	8	19	36.7	31.5	250	3626
F90E0516L10	-5	5/16"	7.9	M16 x 1.5	10	19	32.5	31	250	3626
F90E0518L12	-5	5/16"	7.9	M18 x 1.5	12	22	37	29	250	3626
* F90E0616L10	-6	3/8"	9.5	M16 x 1.5	10	19	38	33	250	3626
F90E0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	37.5	35.5	250	3626
F90E0622L15	-6	3/8"	9.5	M22 x 1.5	15	27	42	34	250	3626
* F90E0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	49	39	250	3626
F90E0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	44	39.5	250	3626
F90E0826L18	-8	1/2"	12.8	M26 x 1.5	18	32	46.5	39.5	160	2320

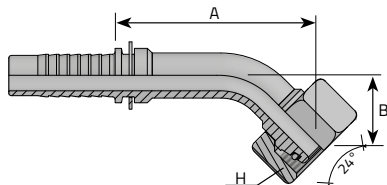
## METRYCZNA ŻEŃSKA 24° STOŻEK - 90° KOLANO - TYP L (2)



\* NAKRĘTKA ZACISKANA

Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	Ø	T	D	H	B	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm	mm		
F90E1026L18	-10	5/8"	16	M26 x 1.5	18	32	50.5	48.5	160	2320
F90E1030L22	-10	5/8"	16	M30 x 2	22	36	53	48.5	160	2320
* F90E1226L18	-12	3/4"	19	M26 x 1.5	18	32	63.5	53.5	160	2320
F90E1230L22	-12	3/4"	19	M30 x 2	22	36	55.5	56.5	160	2320
F90E1636L28	-16	1"	25.4	M36 x 2	28	41	72.5	73	100	1450
F90E2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	86.5	92	100	1450
F90E2452L42	-24	1.1/2"	38.1	M52 x 2	42	60	94	99	100	1450

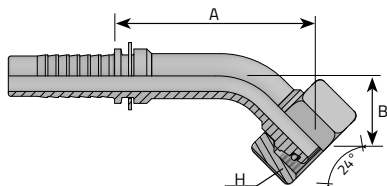
## METRYCZNA ŻEŃSKA 24° STOŻEK -45° KOLANO - TYP L (1)



\* NAKRĘTKA ZACISKANA

Kod	Rura				Gwint	Wymiary				Ciśnienie	
	D.N.	Wąż	ø	T		D	H	B	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm	mm	mm		
F45E0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	15	37	250	3626	
F45E0314L8	-3	3/16"	4.8	M14 x 1.5	8	17	15	37	250	3626	
* F45E0412L6	-4	1/4"	6.4	M12 x 1.5	6	17	17	40	250	3626	
F45E0414L8	-4	1/4"	6.4	M14 x 1.5	8	17	17	50	250	3626	
F45E0416L10	-4	1/4"	6.4	M16 x 1.5	10	19	17	48.5	250	3626	
F45E0418L12	-4	1/4"	6.4	M18 x 1.5	12	22	17	48.5	250	3626	
* F45E0514L8	-5	5/16"	7.9	M14 x 1.5	8	19	23.2	51	250	3626	
F45E0516L10	-5	5/16"	7.9	M16 x 1.5	10	19	17	52.5	250	3626	
F45E0518L12	-5	5/16"	7.9	M18 x 1.5	12	22	20	50	250	3626	
* F45E0616L10	-6	3/8"	9.5	M16 x 1.5	10	19	20	55	250	3626	
F45E0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	17	57	250	3626	
F45E0622L15	-6	3/8"	9.5	M22 x 1.5	15	27	19	59	250	3626	
* F45E0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	27	65	250	3626	
F45E0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	22	64	250	3626	
F45E0826L18	-8	1/2"	12.8	M26 x 1.5	18	32	26	65	160	2320	

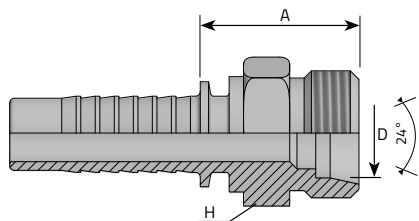
## METRYCZNA ŻEŃSKA 24° STOŻEK - 45° KOLANO - TYP L (2)



\* NAKRĘTKA ZACISKANA

Kod	Rura				Gwint	Wymiary				Ciśnienie	
	D.N.	Wąż	∅	T		D	H	B	A	Bar	Psi
		Inch	mm	mm		mm	mm	mm	mm		
F45E1026L18	-10	5/8"	16	M26 x 1.5	18	32	28	61.5	160	2320	
F45E1030L22	-10	5/8"	16	M30 x 2	22	36	30	63.5	160	2320	
* F45E1226L18	-12	3/4"	19	M26 x 1.5	18	32	33.5	63	160	2320	
F45E1230L22	-12	3/4"	19	M30 x 2	22	36	27	63	160	2320	
F45E1636L28	-16	1"	25.4	M36 x 2	28	41	38.5	85.5	100	1450	
F45E2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	35	104.5	100	1450	
F45E2452L42	-24	1.1/2"	38.1	M52 x 2	42	60	45	119	100	1450	

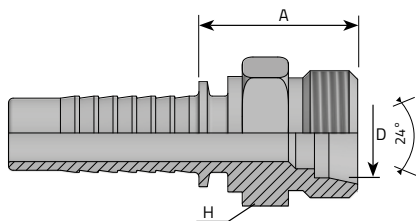
## METRYCZNA MĘSKA 24° STOŻEK - TYP S (1)



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T	D	H	A	Bar	Psi
		Inch	mm	mm	mm	mm	mm		
ME0314S6	-3	3/16"	4.8	M14 x 1.5	6	15	24	420	6091
ME0316S8	-3	3/16"	4.8	M16 x 1.5	8	17	25	420	6091
ME0414S6	-4	1/4"	6.4	M14 x 1.5	6	15	24	450	6526
ME0416S8	-4	1/4"	6.4	M16 x 1.5	8	17	25	450	6526
ME0418S10	-4	1/4"	6.4	M18 x 1.5	10	19	25	450	6526
ME0420S12	-4	1/4"	6.4	M20 x 1.5	12	22	27	450	6526
ME0518S10	-5	5/16"	7.9	M18 x 1.5	10	19	25	350	5076
ME0520S12	-5	5/16"	7.9	M20 x 1.5	12	22	26.5	350	5076
ME0618S10	-6	3/8"	9.5	M18 x 1.5	10	19	26	450	6526
ME0620S12	-6	3/8"	9.5	M20 x 1.5	12	22	27	450	6526
ME0622S14	-6	3/8"	9.5	M22 x 1.5	14	24	29	450	6526
ME0822S14	-8	1/2"	12.8	M22 x 1.5	14	24	30	420	6091
ME0824S16	-8	1/2"	12.8	M24 x 1.5	16	27	31	420	6091
ME1030S20	-10	5/8"	16	M30 x 2	20	32	33	350	5076
ME1230S20	-12	3/4"	19	M30 x 2	20	32	34	350	5076

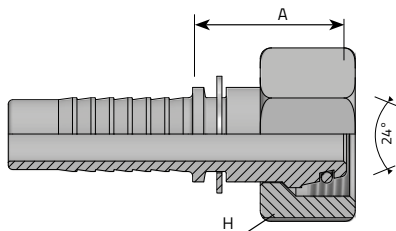


## METRYCZNA MĘSKA 24° STOŻEK - TYP S (2)



Kod	Rura		Gwint	Wymiary			Ciśnienie		
	D.N.	Wąż		ø	T	D	H	A	Bar
		Inch	mm	mm	mm	mm	mm		
ME1236S25	-12	3/4"	19	M36 x 2	25	38	36	350	5076
<b>ME1242S30</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>M42 x 2</b>	<b>30</b>	-	-	<b>350</b>	<b>5076</b>
ME1636S25	-16	1"	25.4	M36 x 2	25	38	38.5	280	4061
<b>ME1642S30</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>M42 x 2</b>	<b>30</b>	<b>46</b>	<b>42</b>	<b>280</b>	<b>4061</b>
ME2042S30	-20	1.1/4"	31.8	M42 x 2	30	46	42	210	3046
<b>ME2052S38</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>	<b>M52 x 2</b>	<b>38</b>	<b>55</b>	<b>46</b>	<b>210</b>	<b>3046</b>
ME2452S38	-24	1.1/2"	38.1	M52 x 2	38	55	46	185	2683

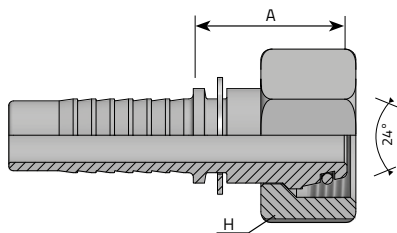
## METRYCZNA ŻEŃSKA 24° STOŻEK - TYP S (1)



\* NAKRĘTKA ZACISKANA

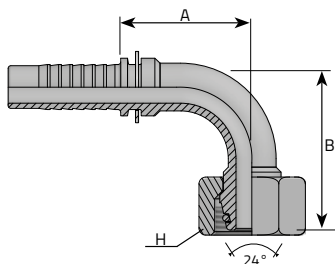
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	Ø	T	D	H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm		
FE0314S6	-3	3/16"	4.8	M14 x 1.5	6	19	25.5	420	6091
FE0316S8	-3	3/16"	4.8	M16 x 1.5	8	19	25.5	420	6091
* FE0414S6	-4	1/4"	6.4	M14 x 1.5	6	17	25.5	450	6526
FE0416S8	-4	1/4"	6.4	M16 x 1.5	8	19	26	450	6526
FE0418S10	-4	1/4"	6.4	M18 x 1.5	10	22	26	450	6526
FE0420S12	-4	1/4"	6.4	M20 x 1.5	12	24	26	450	6526
FE0518S10	-5	5/16"	7.9	M18 x 1.5	10	22	26.5	350	5076
FE0520S12	-5	5/16"	7.9	M20 x 1.5	12	24	26	350	5076
* FE0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	26.5	450	6526
FE0620S12	-6	3/8"	9.5	M20 x 1.5	12	24	26.5	450	6526
FE0622S14	-6	3/8"	9.5	M22 x 1.5	14	27	27	450	6526
FE0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	27.5	420	6091
FE0824S16	-8	1/2"	12.8	M24 x 1.5	16	30	32	420	6091
FE1030S20	-10	5/8"	16	M30 x 2	20	36	37	350	5076
FE1230S20	-12	3/4"	9.5	M30 x 2	20	36	37.5	350	5076

## METRYCZNA ŻEŃSKA 24° STOŻEK - TYP S (2)



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T	D	H	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm		
FE1236S25	-12	3/4"	19	M36 x 2	25	46	38.5	350	5076
FE1636S25	-16	1"	25.4	M36 x 2	25	46	39.5	280	4061
FE1642S30	-16	1"	25.4	M42 x 2	30	50	40.5	280	4061
FE2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	41.5	210	3046
FE2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	47	210	3046
FE2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	47	185	2683

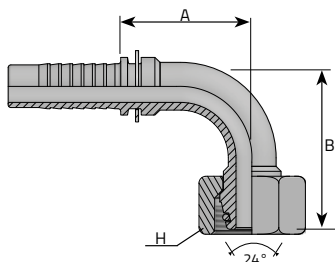
## METRYCZNA ŻEŃSKA 24° STOŻEK - 90° KOLANO - TYP S (1)



\* NAKRĘTKA ZACISKANA

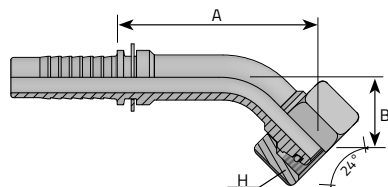
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	D	H	B	A	Bar	Psi
	Inch	mm	mm		mm	mm	mm	mm		
F90E0314S6	-3	3/16"	4.8	M14 x 1.5	6	19	31.5	29.5	420	6091
F90E0316S8	-3	3/16"	4.8	M16 x 1.5	8	19	31.5	29.5	420	6091
* F90E0414S6	-4	1/4"	6.4	M14 x 1.5	6	17	31.5	29.5	450	6526
F90E0416S8	-4	1/4"	6.4	M16 x 1.5	8	19	31.5	29.5	450	6526
F90E0418S10	-4	1/4"	6.4	M18 x 1.5	10	22	32.5	29	450	6526
F90E0420S12	-4	1/4"	6.4	M20 x 1.5	12	24	30.5	27	450	6526
F90E0518S10	-5	5/16"	7.9	M18 x 1.5	10	22	32.5	31	350	5076
F90E0520S12	-5	5/16"	7.9	M20 x 1.5	12	24	37	29	350	5076
* F90E0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	38	33	450	6526
F90E0620S12	-6	3/8"	9.5	M20 x 1.5	12	24	37.5	35.5	450	6526
F90E0622S14	-6	3/8"	9.5	M22 x 1.5	14	27	42	34	450	6526
F90E0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	44	39.5	420	6091
F90E0824S16	-8	1/2"	12.8	M24 x 1.5	16	30	45	39.5	420	6091
F90E1030S20	-10	5/8"	16	M30 x 2	20	36	56	48.5	350	5076
F90E1230S20	-12	3/4"	19	M30 x 2	20	36	59	56.5	350	5076

## METRYCZNA ŻEŃSKA 24° STOŻEK - 90° KOLANO - TYP S (2)



Kod	Rura		Gwint	Wymiary				Ciśnienie		
	D.N.	Waż		Ø	T	D	H	B	A	Bar
	Inch	mm	mm	mm	mm	mm	mm	mm		
F90E1236S25	-12	3/4"	19	M36 x 2	25	46	59	56.5	350	5076
F90E1636S25	-16	1"	25.4	M36 x 2	25	46	75	73	280	4061
F90E1642S30	-16	1"	25.4	M42 x 2	30	50	75	73	280	4061
F90E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	86	92	210	3046
F90E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	86	92	210	3046
F90E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	94	99	185	2683

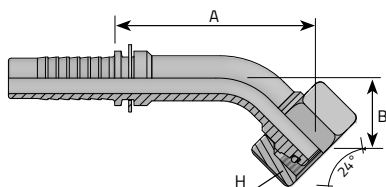
## METRYCZNA ŻEŃSKA 24° STOŻEK - 45° KOLANO - TYP S (1)



\* NAKRĘTKA ZACISKANA

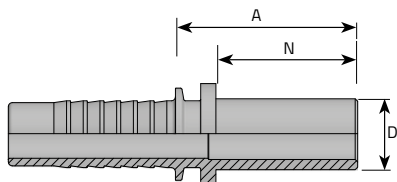
Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Wąż	Ø	T	D	H	B	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm	mm		
F45E0314S6	-3	3/16"	4.8	M14 x 1.5	6	19	15	37	420	6091
F45E0316S8	-3	3/16"	4.8	M16 x 1.5	8	19	15	37	420	6091
* F45E0414S6	-4	1/4"	6.4	M14 x 1.5	6	17	17	40	450	6526
F45E0416S8	-4	1/4"	6.4	M16 x 1.5	8	19	17	50	450	6526
F45E0418S10	-4	1/4"	6.4	M18 x 1.5	10	22	17	48.5	450	6526
F45E0420S12	-4	1/4"	6.4	M20 x 1.5	12	24	17	48.5	450	6526
F45E0518S10	-5	5/16"	7.9	M18 x 1.5	10	22	17	52.5	350	5076
F45E0520S12	-5	5/16"	7.9	M20 x 1.5	12	24	20	50	350	5076
* F45E0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	20	55	450	6526
F45E0620S12	-6	3/8"	9.5	M20 x 1.5	12	24	17	57	450	6526
F45E0622S14	-6	3/8"	9.5	M22 x 1.5	14	27	19	59	450	6526
F45E0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	22	65	420	6091
F45E0824S16	-8	1/2"	12.8	M24 x 1.5	16	30	22	66.5	420	6091
F45E1030S20	-10	5/8"	16	M30 x 2	20	36	26	64.5	350	5076
F45E1230S20	-12	3/4"	19	M30 x 2	20	36	27	64	350	5076

## METRYCZNA ŻEŃSKA 24° STOŻEK 45° - TYP S (2)



Kod	Rura		Gwint	Wymiary				Ciśnienie			
	D.N.	Waż		ø	T	D	H	B	A	Bar	Psi
	Inch	mm		mm	mm	mm	mm	mm	mm		
F45E1236S25	-12	3/4"	19	M36 x 2	25	46	28	70	350	5076	
F45E1636S25	-16	1"	25.4	M36 x 2	25	46	38	88.5	280	4061	
F45E1642S30	-16	1"	25.4	M42 x 2	30	50	38	89	280	4061	
F45E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	35	104.5	210	3046	
F45E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	35	104.5	210	3046	
F45E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	45	119	185	2683	

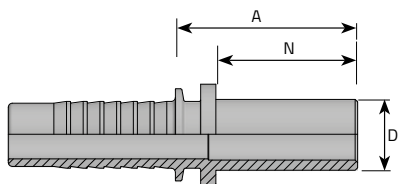
## DO ZACISKANIA NA RURĘ (1)



Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		D	N	A	Bar	Psi
		Inch	mm		mm	mm	mm		
PDL0306	-3	3/16"	4.8		6	24	30	415	6019
PDL0308	-3	3/16"	4.8		8	24	30	415	6019
PDL0406	-4	1/4"	6.4		6	22.5	30.5	320	4641
PDL0408	-4	1/4"	6.4		8	23	30.5	450	6526
PDL0410	-4	1/4"	6.4		10	25	32	450	6526
PDL0412	-4	1/4"	6.4		12	25	32	450	6526
PDL0508	-5	5/16"	7.9		8	23	30	-	
PDL0510	-5	5/16"	7.9		10	25	32	350	5076
PDL0512	-5	5/16"	7.9		12	25	32	350	5076
PDL0610	-6	3/8"	9.5		10	25.5	33	330	4786
PDL0612	-6	3/8"	9.5		12	25	32.5	445	6454
PDL0614	-6	3/8"	9.5		14	28	35.5	445	6454
PDL0615	-6	3/8"	9.5		15	25.5	33	250	3626
PDL0812	-8	1/2"	12.8		12	25	33	-	
PDL0814	-8	1/2"	12.8		14	28	36	275	3988
PDL0815	-8	1/2"	12.8		15	25.5	33.5	250	3626
PDL0816	-8	1/2"	12.8		16	31	39	415	6019
PDL0818	-8	1/2"	12.8		18	27	35.5	160	2320

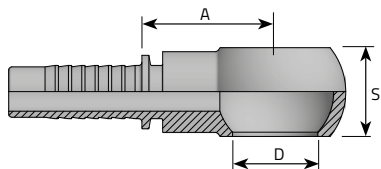


## DO ZACISKANIA NA RURĘ (2)



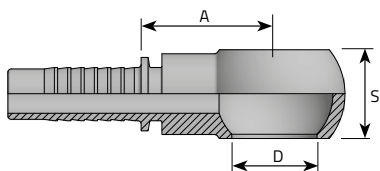
Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		D	N	A	Bar	Psi
		Inch	mm		mm	mm	mm		
PDL1018	-10	5/8"	16		18	28	36	160	2320
PDL1020	-10	5/8"	16		20	35	43.5	350	5076
PDL1022	-10	5/8"	16		22	29	38	160	2320
PDL1218	-12	3/4"	19		18	26	34.5	160	2320
PDL1220	-12	3/4"	19		20	35	44	215	3118
PDL1222	-12	3/4"	19		22	29.5	38	160	2320
PDL1225	-12	3/4"	19		25	41	51	350	5076
PDL1625	-16	1"	25.4		25	39.5	50	165	2393
PDL1628	-16	1"	25.4		28	30.5	41	100	1450
PDL1630	-16	1"	25.4		30	43.5	54	250	3626
PDL2030	-20	1.1/4"	31.8		30	43	54.5	210	3046
PDL2035	-20	1.1/4"	31.8		35	35.5	46.5	100	1450
PDL2038	-20	1.1/4"	31.8		38	48	60	210	3046
PDL2438	-24	1.1/2"	38.1		38	48	60	170	2466
PDL2442	-24	1.1/2"	38.1		42	36	47	100	1450

## BSP BANJO (1)



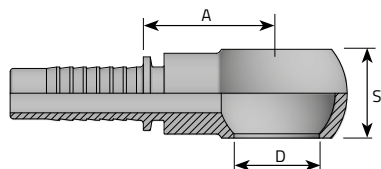
Kod	Rura			Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż	ø		D	S	A	Bar	Psi
		Inch	mm	Inch	mm	mm	mm		
OG0302	-3	3/16"	4.8	1/8"	10	10	19.5		
OG0304	-3	3/16"	4.8	1/4"	13.2	14	22.5		
OG0402	-4	1/4"	6.4	1/8"	10	10	24		
OG0404	-4	1/4"	6.4	1/4"	13.2	14	23		
OG0406	-4	1/4"	6.4	3/8"	16.7	17	26.5		
OG0408	-4	1/4"	6.4	1/2"	21	22	32.5		
OG0504	-5	5/16"	7.9	1/4"	13.2	14	24		
OG0506	-5	5/16"	7.9	3/8"	16.7	17	26.5		
OG0508	-5	5/16"	7.9	1/2"	21	22	27.5		
OG0604	-6	3/8"	9.5	1/4"	13.2	14	31.5		
OG0606	-6	3/8"	9.5	3/8"	16.7	17	26.5		
OG0608	-6	3/8"	9.5	1/2"	21	22	27.5		
OG0806	-8	1/2"	12.8	3/8"	16.7	17	31		
OG0808	-8	1/2"	12.8	1/2"	21	22	33		
OG0810	-8	1/2"	12.8	5/8"	23.3	25	32.5		
OG0812	-8	1/2"	12.8	3/4"	26.5	30	34.5		

## BSP BANJO (2)



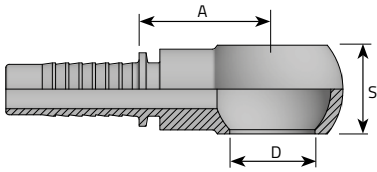
Kod	Rura			Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż	∅		D	S	A	Bar	Psi
		Inch	mm	Inch	mm	mm	mm		
OG1008	-10	5/8"	16	1/2"	21	22	31.5		
OG1010	-10	5/8"	16	5/8"	23.3	25	32.5		
OG1012	-10	5/8"	16	3/4"	26.5	30	34.5		
OG1212	-12	3/4"	19	3/4"	26.5	30	35		
OG1216	-12	3/4"	19	1"	33.4	38	48		
OG1612	-16	1"	25.4	3/4"	-	-	-		
OG1616	-16	1"	25.4	1"	33.4	38	43		
OG2020	-20	1.1/4"	31.8	1.1/4"	42.1	47	57.7		

## METRYCZNA BANJO (1)



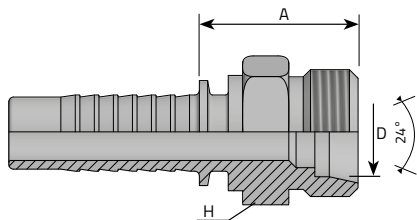
Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Wąż	ø		D	S	A	Bar	Psi
		Inch	mm		mm	mm	mm		
OM0310	-3	3/16"	4.8	M10 x 1	10.1	10	19.5		
OM0312	-3	3/16"	4.8	M12 x 1.5	12.1	12	21		
OM0314	-3	3/16"	4.8	M14 x 1.5	14.1	14	23		
OM0410	-4	1/4"	6.4	M10 x 1	10.1	10	24		
OM0412	-4	1/4"	6.4	M12 x 1.5	12.1	11	23		
OM0414	-4	1/4"	6.4	M14 x 1.5	14.1	14	23		
OM0416	-4	1/4"	6.4	M16 x 1.5	16.1	17	25		
OM0418	-4	1/4"	6.4	M18 x 1.5	18.1	20	29		
OM0512	-5	5/16"	7.9	M12 x 1.5	12.1	12	23		
OM0514	-5	5/16"	7.9	M14 x 1.5	14.1	14	24.5		
OM0516	-5	5/16"	7.9	M16 x 1.5	16.1	17	27		
OM0518	-5	5/16"	7.9	M18 x 1.5	18.1	20	29		
OM0520	-5	5/16"	7.9	M20 x 1.5	20.1	22	28		
OM0522	-5	5/16"	7.9	M22 x 1.5	22.1	22	28		
OM0614	-6	3/8"	9.5	M14 x 1.5	14.1	14	27		
OM0616	-6	3/8"	9.5	M16 x 1.5	16.1	17	27		

## METRYCZNA BANJO (2)



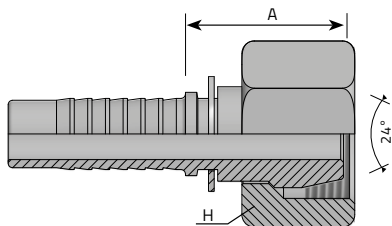
Kod	Rura			Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż	ø		D	S	A	Bar	Psi
		Inch	mm		mm	mm	mm		
OM0618	-6	3/8"	9.5	M18 x 1.5	18.1	20	28		
<b>OM0620</b>	<b>-6</b>	<b>3/8"</b>	<b>9.5</b>	<b>M20 x 1.5</b>	<b>20.1</b>	<b>22</b>	<b>28.5</b>		
OM0622	-6	3/8"	9.5	M22 x 1.5	22.1	22	28.5		
<b>OM0818</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M18 x 1.5</b>	<b>18.1</b>	<b>20</b>	<b>30</b>		
OM0820	-8	1/2"	12.8	M20 x 1.5	20.1	22	34		
<b>OM0822</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>M22 x 1.5</b>	<b>22.1</b>	<b>22</b>	<b>34</b>		
OM0826	-8	1/2"	12.8	M26 x 1.5	26.5	30	34.5		
<b>OM1022</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>M22 x 1.5</b>	<b>22.1</b>	<b>22</b>	<b>34</b>		
OM1026	-10	5/8"	16	M26 x 1.5	26.5	30	34.5		
<b>OM1226</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>M26 x 1.5</b>	<b>26.5</b>	<b>30</b>	<b>35</b>		
OM1230	-12	3/4"	19	M30 x 1.5	30.1	36	41.5		
<b>OM1630</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>M30 x 1.5</b>	<b>30.1</b>	<b>36</b>	<b>41.5</b>		

## METRYCZNA MĘSKA 24° STOŻEK - TYP FRANCUSKI



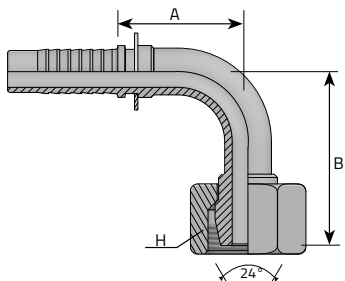
Kod	Rura		Ø	Gwint		Wymiary		Ciężnienie	
	D.N.	Waż		T	D	H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm		
ME0413F	-4	1/4"	6.4	M20x1.5	13	22	26.7		
ME0513F	-5	5/16"	7.9	M20x1.5	13	22	26.7		
ME0613F	-6	3/8"	9.5	M20x1.5	13	22	26.7		
ME0617F	-6	3/8"	9.5	M24x1.5	17	27	30.2		
ME0817F	-8	1/2"	12.8	M24x1.5	17	27	30.7		
ME0821F	-8	1/2"	12.8	M30x1.5	21	32	31.2		
ME1021F	-10	5/8"	16	M30x1.5	21	32	31.2		
ME1221F	-12	3/4"	19	M30x1.5	21	32	31.7		
ME1227F	-12	3/4"	19	M36x1.5	27	38	31.7		
ME1633F	-16	1"	25.4	M45x1.5	33	46	37.2		
ME2033F	-20	1.1/4"	31.8	M45x1.5	33	46	38.2		

## METRYCZNA ŻEŃSKA 24° STOŻEK - TYP FRANCUSKI



Kod	Rura		Gwint	Wymiary		Ciężnienie		
	D.N.	Waż		ø	T	H	A	Bar
		Inch	mm	mm	mm	mm		
FE0413F	-4	1/4"	6.4	M20 x 1.5	24	23.5		
FE0513F	-5	5/16"	7.9	M20 x 1.5	24	23.5		
FE0613F	-6	3/8"	9.5	M20 x 1.5	24	23.5		
FE0617F	-6	3/8"	9.5	M24 x 1.5	30	27		
FE0817F	-8	1/2"	12.8	M24 x 1.5	30	27.5		
FE0821F	-8	1/2"	12.8	M30 x 1.5	36	31		
FE1021F	-10	5/8"	16	M30 x 1.5	36	31		
FE1221F	-12	3/4"	19	M30 x 1.5	36	31.5		
FE1227F	-12	3/4"	19	M36 x 1.5	41	34		
FE1633F	-16	1"	25.4	M45 x 1.5	50	34		
FE2033F	-20	1.1/4"	31.8	M45 x 1.5	50	34		

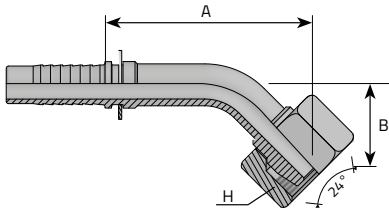
## METRYCZNA ŻEŃSKA 24° STOŻEK - 90° KOLANO - TYP FRANCUSKI



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Waż	ø	T	H	B	A	Bar	Psi
		Inch	mm	mm	mm	mm	mm		
F90E0413F	-4	1/4"	6.4	M20x1.5	24	32.5	27		
F90E0513F	-5	5/16"	7.9	M20x1.5	24	39	29		
F90E0613F	-6	3/8"	9.5	M20x1.5	24	39.5	35.5		
F90E0617F	-6	3/8"	9.5	M24x1.5	30	48	36		
F90E0817F	-8	1/2"	12.8	M24x1.5	30	48	39.5		
F90E0821F	-8	1/2"	12.8	M30x1.5	36	61	45.5		
F90E1021F	-10	5/8"	16	M30x1.5	36	61	48.5		
F90E1221F	-12	3/4"	19	M30x1.5	36	64	56.5		
F90E1227F	-12	3/4"	19	M36x1.5	41	64	56.5		
F90E1633F	-16	1"	25.4	M45x1.5	50	91	86		
F90E2033F	-20	1.1/4"	31.8	M45x1.5	50	91	92		

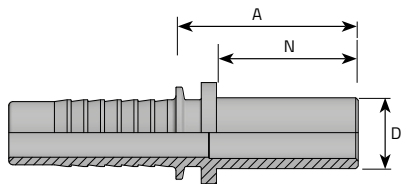


## METRYCZNA ŻEŃSKA 24° STOŻEK - 45° KOLANO - TYP FRANCUSKI



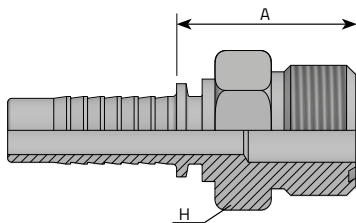
Kod	Rura		Gwint	Wymiary			Ciśnienie		
	D.N.	Wąż		ø	T	H	B	A	Bar
		Inch	mm	mm	mm	mm	mm		
F45E0413F	-4	1/4"	6.4	M20 x 1.5	24	18.5	50		
F45E0513F	-5	5/16"	7.9	M20 x 1.5	24	21	52		
F45E0613F	-6	3/8"	9.5	M20 x 1.5	24	18.5	58.5		
F45E0617F	-6	3/8"	9.5	M24 x 1.5	30	24	65.5		
F45E0817F	-8	1/2"	12.8	M24 x 1.5	30	24	68.5		
F45E0821F	-8	1/2"	12.8	M30 x 1.5	36	29	68		
F45E1021F	-10	5/8"	16	M30 x 1.5	36	29	68		
F45E1221F	-12	3/4"	19	M30 x 1.5	36	30	69		
F45E1227F	-12	3/4"	19	M36 x 1.5	41	31	73		
F45E1633F	-16	1"	25.4	M45 x 1.5	50	36	101		
F45E2033F	-20	1.1/4"	31.8	M45 x 1.5	50	38	107		

## DO ZACISKANIA NA RURĘ, TYP FRANCUSKI



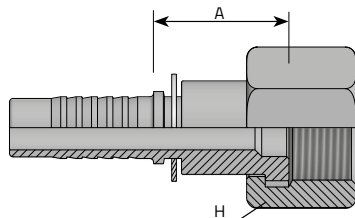
Kod	Rura			Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż	ø		D	N	A	Bar	Psi
		Inch	mm		mm	mm	mm		
PDL0413F	-4	1/4"	6.4		13	22	29.5		
PDL0513F	-5	5/16"	7.9		13	22	29.5		
PDL0613F	-6	3/8"	9.5		13	22	29.5		
PDL0617F	-6	3/8"	9.5		17	24	31.5		
PDL0817F	-8	1/2"	12.8		17	24	32.5		
PDL0821F	-8	1/2"	12.8		21	26	34.5		
PDL1021F	-10	5/8"	16		21	26	34.5		
PDL1221F	-12	3/4"	19		21	26	35.3		
PDL1227F	-12	3/4"	19		26	25	34.3		
PDL1633F	-16	1"	25.4		33	27	37.3		
PDL2033F	-20	1.1/4"	31.8		33	27	38		

## ORFS MĘSKA



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MORFS0406	-4	1/4"	6.4	9/16"	18	17	24	450	6526
MORFS0409	-4	1/4"	6.4	11/16"	16	19	27.5	450	6526
MORFS0509	-5	5/16"	7.9	11/16"	16	19	27.5	350	5076
MORFS0609	-6	3/8"	9.5	11/16"	16	19	27.5	445	6454
MORFS0611	-6	3/8"	9.5	13/16"	16	22	30.5	445	6454
MORFS0613	-6	3/8"	9.5	1"	14	27	33.5	445	6454
MORFS0811	-8	1/2"	12.8	13/16"	16	27	34	415	6019
MORFS0813	-8	1/2"	12.8	1"	14	27	31.5	415	6019
MORFS0814	-8	1/2"	12.8	1.3/16"	16	32	36	415	6019
MORFS1013	-10	5/8"	16	1"	14	27	34	350	5076
MORFS1014	-10	5/8"	16	1.3/16"	12	32	37	350	5076
MORFS1214	-12	3/4"	19	1.3/16"	12	32	38	350	5076
MORFS1215	-12	3/4"	19	1.7/16"	12	41	38.5	350	5076
MORFS1615	-16	1"	25.4	1.7/16"	12	41	39.5	280	4061
MORFS2021	-20	1.1/4"	31.8	1.11/16"	12	46	40	210	3046
MORFS2432	-24	1.1/2"	38.1	2"	12	55	43	185	2683

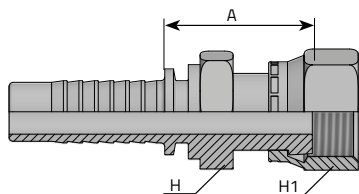
## ORFS ŻEŃSKA



\* NAKRĘTKA ZACISKANA

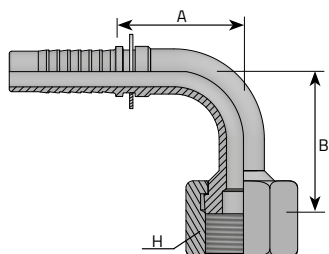
Kod	Rura			Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi	
	Inch	mm	Inch			mm	mm			
FORFS0406	-4	1/4"	6.4	9/16"	18	17	20.5	450	6526	
FORFS0409	-4	1/4"	6.4	11/16"	16	22	23	450	6526	
FORFS0411	-4	1/4"	6.4	13/16"	16	24	26	450	6526	
FORFS0509	-5	5/16"	7.9	11/16"	16	22	23	350	5076	
* FORFS0606	-6	3/8"	9.5	9/16"	18	19	25	445	6454	
FORFS0609	-6	3/8"	9.5	11/16"	16	22	23.5	445	6454	
FORFS0611	-6	3/8"	9.5	13/16"	16	24	26	445	6454	
* FORFS0809	-8	1/2"	12.8	11/16"	16	22	29	415	6019	
FORFS0811	-8	1/2"	12.8	13/16"	16	24	26.5	415	6019	
FORFS0813	-8	1/2"	12.8	1"	14	30	30	415	6019	
FORFS0814	-8	1/2"	12.8	1.3/16"	12	36	32.5	415	6019	
FORFS1013	-10	5/8"	16	1"	14	30	30	350	5076	
FORFS1014	-10	5/8"	16	1.3/16"	12	36	32	350	5076	
FORFS1214	-12	3/4"	19	1.3/16"	12	36	33	350	5076	
FORFS1215	-12	3/4"	19	1.7/16"	12	41	34	350	5076	
* FORFS1614	-16	1"	25.4	1.3/16"	12	36	38.5	280	4061	
FORFS1615	-16	1"	25.4	1.7/16"	12	41	35	280	4061	
FORFS1621	-16	1"	25.4	1.11/16"	12	50	35	210	3046	
FORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	35.5	210	3046	
FORFS2432	-24	1.1/2"	38.1	2"	12	60	37	185	2683	

## ORFS ŻEŃSKA (podwójny sześciokąt)



Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Waż	ø	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
FORFS0406GIR	-4	1/4"	6.4	9/16"	18	19	19	30	450	6526
FORFS0409GIR	-4	1/4"	6.4	11/16"	16	17	22	31.5	450	6526
FORFS0509GIR	-5	5/16"	7.9	11/16"	16	17	22	32	350	5076
FORFS0606GIR	-6	3/8"	9.5	9/16"	18	17	17	30.5		
FORFS0609GIR	-6	3/8"	9.5	11/16"	16	22	22	34	445	6453
FORFS0611GIR	-6	3/8"	9.5	13/16"	16	19	24	36.5	445	6453
FORFS0809GIR	-8	1/2"	12.8	11/16"	16	19	22	31.5		
FORFS0811GIR	-8	1/2"	12.8	13/16"	16	24	24	41	415	6018
FORFS0813GIR	-8	1/2"	12.8	1"	14	24	30	39	415	6018
FORFS0814GIR	-8	1/2"	12.8	1.3/16"	16	30	36	44	315	4568
FORFS1013GIR	-10	5/8"	16	1"	14	24	30	39	350	5076
FORFS1014GIR	-10	5/8"	16	1.3/16"	16	30	36	44	350	5076
FORFS1213GIR	-12	3/4"	19	1"	14	27	30	42		
FORFS1214GIR	-12	3/4"	19	1.3/16"	16	30	36	44.6	350	5076
FORFS1215GIR	-12	3/4"	19	1.7/16"	12	36	41	51.5	350	5076
FORFS1614GIR	-16	1"	25.4	1.3/16"	16	-	-	-		
FORFS1615GIR	-16	1"	25.4	1.7/16"	12	36	41	52.5	280	4061
FORFS1621GIR	-16	1"	25.4	1.11/16"	12	41	50	55	210	3045
FORFS2021GIR	-20	1.1/4"	31.8	1.11/16"	12	41	50	56	210	3045
FORFS2432GIR	-24	1.1/2"	38.1	2"	12	50	60	61.2	185	2683

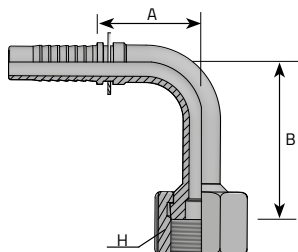
## ORFS ŻEŃSKA NAKR. OBROTOWA 90° KOLANO



\* NAKRĘTKA ZACISKANA

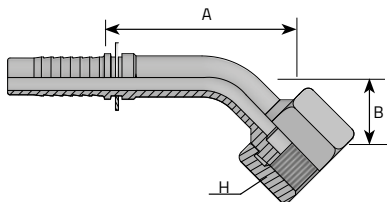
Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F900RFS0406	-4	1/4"	6.4	9/16"	18	17	29.5	28	450	6526
F900RFS0409	-4	1/4"	6.4	11/16"	16	22	30	28	450	6526
F900RFS0411	-4	1/4"	6.4	13/16"	16	24	32	29.5	450	6526
F900RFS0509	-5	5/16"	7.9	11/16"	16	22	29	29	350	5076
* F900RFS0606	-6	3/8"	9.5	9/16"	18	19	44	32.5	445	6454
F900RFS0609	-6	3/8"	9.5	11/16"	16	22	29	36	445	6454
F900RFS0611	-6	3/8"	9.5	13/16"	16	24	32	34	445	6454
* F900RFS0809	-8	1/2"	12.8	11/16"	16	22	51	40.5	415	6019
F900RFS0811	-8	1/2"	12.8	13/16"	16	24	36	37.5	415	6019
F900RFS0813	-8	1/2"	12.8	1"	14	30	39	39	415	6019
F900RFS0814	-8	1/2"	12.8	1.3/16"	12	36	41	38	415	6019
F900RFS1013	-10	5/8"	16	1"	14	30	43.5	51.5	350	5076
F900RFS1014	-10	5/8"	16	1.3/16"	12	36	48	46.5	350	5076
F900RFS1214	-12	3/4"	19	1.3/16"	12	36	49	56	350	5076
F900RFS1215	-12	3/4"	19	1.7/16"	12	41	54	56.5	350	5076
* F900RFS1614	-16	1"	25.4	1.3/16"	12	36	85	70	280	4061
F900RFS1615	-16	1"	25.4	1.7/16"	12	41	59.5	74	280	4061
F900RFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	75.5	90	210	3046
F900RFS2432	-24	1.1/2"	38.1	2"	12	60	84	99	185	2683

## ORFS ŻEŃSKA NAKR. OBROTOWA - 90° KOLANO - wydłużana



Kod	Rura			Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F900RFS0406LD	6	1/4"	4	9/16"	18	17	45	26.5	450	6526
F900RFS0609LD	10	3/8"	6	11/16"	16	22	53	32	445	6454
F900RFS0611LD	10	3/8"	6	13/16"	16	24	51	36	445	6454
F900RFS0811LD	12	1/2"	8	13/16"	16	24	63	37.5	415	6019
F900RFS0813LD	12	1/2"	8	1"	14	30	64	37	415	6019
F900RFS1013LD	16	5/8"	10	1"	14	30	63	45	350	5076
F900RFS1014LD	16	5/8"	10	1.3/16"	12	36	71	45	350	5076
F900RFS1214LD	20	3/4"	12	1.3/16"	12	36	90	51	350	5076
F900RFS1615LD	25	1"	16	1.7/16"	12	41	108	69	280	4061

## ORFS ŻEŃSKA NAKR. OBROTOWA - 45° KOLANO

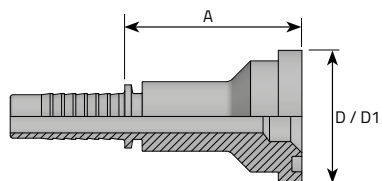


\* NAKRĘTKA ZACISKANA

Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45ORFS0406	-4	1/4"	6.4	9/16"	18	17	15	45	450	6526
F45ORFS0409	-4	1/4"	6.4	11/16"	16	22	15.5	45.5	450	6526
F45ORFS0411	-4	1/4"	6.4	13/16"	16	24	18	49	450	6526
F45ORFS0509	-5	5/16"	7.9	11/16"	16	22	15.5	46	350	5076
* F45ORFS0606	-6	3/8"	9.5	9/16"	18	19	24	55	445	6454
F45ORFS0609	-6	3/8"	9.5	11/16"	16	22	13	51	445	6454
F45ORFS0611	-6	3/8"	9.5	13/16"	16	24	17	52	445	6454
* F45ORFS0809	-8	1/2"	12.8	11/16"	16	22	26	72	415	6019
F45ORFS0811	-8	1/2"	12.8	13/16"	16	24	18	58	415	6019
F45ORFS0813	-8	1/2"	12.8	1"	14	30	20	61	415	6019
F45ORFS0814	-8	1/2"	12.8	1.3/16"	12	36	24	62	415	6019
F45ORFS1013	-10	5/8"	16	1"	14	30	20	55	350	5076
F45ORFS1014	-10	5/8"	16	1.3/16"	12	36	21	57	350	5076
F45ORFS1214	-12	3/4"	19	1.3/16"	12	36	23	58	350	5076
F45ORFS1215	-12	3/4"	19	1.7/16"	12	41	27	62.5	350	5076
* F45ORFS1614	-16	1"	25.4	1.3/16"	12	36	43	96.5	280	4061
F45ORFS1615	-16	1"	25.4	1.7/16"	12	41	26	81	280	4061
F45ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	34	93	210	3046
F45ORFS2432	-24	1.1/2"	38.1	2"	12	60	45	112	185	2683



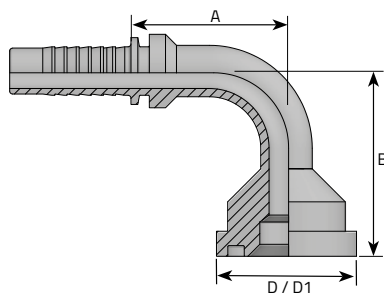
## FLANSZA SERIA - 3000 PSI



\* komatsu

Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		D	D1	A	Bar	Psi
		Inch	mm		Inch	mm	mm		
FDL0808I	-8	1/2"	12.8		1/2"	30.2	49	350	5076
* FDL0810I	-8	1/2"	12.8		5/8"	34	48	350	5076
FDL0812I	-8	1/2"	12.8		3/4"	38.1	52	350	5076
FDL1008I	-10	5/8"	16		1/2"	30.2	49	350	5076
* FDL1010I	-10	5/8"	16		5/8"	34	49	350	5076
FDL1012I	-10	5/8"	16		3/4"	38.1	48	350	5076
FDL1208I	-12	3/4"	19		1/2"	30.2	47	350	5076
FDL1212I	-12	3/4"	19		3/4"	38.1	47	350	5076
FDL1216I	-12	3/4"	19		1"	44.5	50	350	5076
FDL1612I	-16	1"	25.4		3/4"	38.1	50	280	4061
FDL1616I	-16	1"	25.4		1"	44.5	50	280	4061
FDL1620I	-16	1"	25.4		1.1/4"	50.8	67	280	4061
FDL2016I	-20	1.1/4"	31.8		1"	44.5	57	210	3046
FDL2020I	-20	1.1/4"	31.8		1.1/4"	50.8	65	210	3046
FDL2024I	-20	1.1/4"	31.8		1.1/2"	60.3	70	210	3046
FDL2424I	-24	1.1/2"	38.1		1.1/2"	60.3	70	185	2683
FDL2432I	-24	1.1/2"	38.1		2"	71.4	72	185	2683
FDL3232I	-32	2"	50.8		2"	71.4	73	170	2466

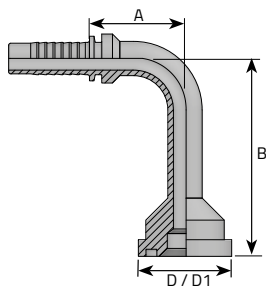
## FLANSZA SERIA - 3000 PSI - 90° KOLANO



\* komatsu

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F90L0808I	-8	1/2"	12.8		1/2"	30.2	43	39	350	5076
* F90L0810I	-8	1/2"	12.8		5/8"	34	47	39	350	5076
F90L0812I	-8	1/2"	12.8		3/4"	38.1	50	39	350	5076
F90L1008I	-10	5/8"	16		1/2"	30.2	49	49	350	5076
* F90L1010I	-10	5/8"	16		5/8"	34	52	49	350	5076
F90L1012I	-10	5/8"	16		3/4"	38.1	55	49	350	5076
F90L1208I	-12	3/4"	19		1/2"	30.2	52	57	350	5076
F90L1212I	-12	3/4"	19		3/4"	38.1	58	57	350	5076
F90L1216I	-12	3/4"	19		1"	44.5	62	57	350	5076
F90L1612I	-16	1"	25.4		3/4"	38.1	60	77	280	4061
F90L1616I	-16	1"	25.4		1"	44.5	64	77	280	4061
F90L1620I	-16	1"	25.4		1.1/4"	50.8	70	77	280	4061
F90L2016I	-20	1.1/4"	31.8		1"	44.5	82	89	210	3046
F90L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	87	89	210	3046
F90L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	88	89	210	3046
F90L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	102	101	185	2683
F90L2432I	-24	1.1/2"	38.1		2"	71.4	118	101	185	2683
F90L3232I	-32	2"	50.8		2"	71.4	120	144	170	2466

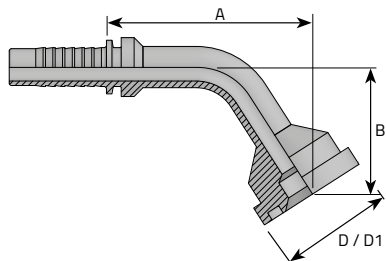
## FLANSZA SERIA - 3000 PSI - 90° KOLANO (wydłużana)



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	∅		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F90L1212ILD	-12	3/4"	19		3/4"	38.1	96.8	57	350	5076
F90L1216ILD	-16	3/4"	25.4		1"	44.5	134.5	57	350	5076
F90L1616ILD	-16	1"	25.4		1"	44.5	115.5	77	280	4061
F90L2020ILD	-20	1.1/4"	31.8		1.1/4"	50.8	114.2	89	210	3046
F90L2424ILD	-24	1.1/2"	38.1		1.1/2"	60.3	131.4	101	185	2683

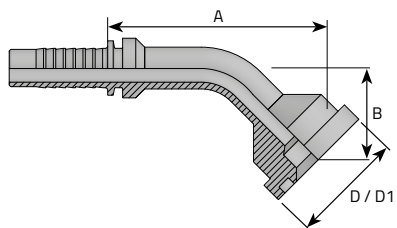
## FLANSZA SERIA - 3000 PSI - 60° KOLANO



\* komatsu

Code	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F60L0808I	-8	1/2"	12.8		1/2"	30.2	-	63	350	5076
* F60L0810I	-8	1/2"	12.8		5/8"	34	-	68	350	5076
F60L0812I	-8	1/2"	12.8		3/4"	38.1	-	68	350	5076
F60L1008I	-10	5/8"	16		1/2"	30.2	-	59	350	5076
* F60L1010I	-10	5/8"	16		5/8"	34	-	63	350	5076
F60L1012I	-10	5/8"	16		3/4"	38.1	-	63	350	5076
F60L1208I	-12	3/4"	19		1/2"	30.2	-	63	350	5076
F60L1212I	-12	3/4"	19		3/4"	38.1	-	67	350	5076
F60L1216I	-16	3/4"	25.4		1"	44.5	-	70	350	5076
F60L1612I	-16	1"	25.4		3/4"	38.1	-	83	280	4061
F60L1616I	-16	1"	25.4		1"	44.5	-	86	280	4061
F60L1620I	-16	1"	25.4		1.1/4"	50.8	-	90	280	4061
F60L2016I	-20	1.1/4"	31.8		1"	44.5	-	96	210	3046
F60L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	-	100	210	3046
F60L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	-	101	210	3046
F60L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	-	112	185	2683
F60L2432I	-24	1.1/2"	38.1		2"	71.4	-	123	185	2683
F60L3232I	-32	2"	50.8		2"	71.4	-	148	170	2466

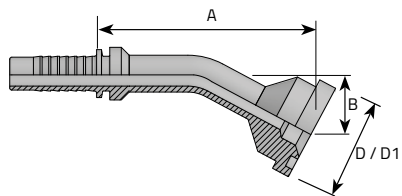
## FLANSZA SERIA - 3000 PSI - 45° KOLANO



\* komatsu

Code	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	∅		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F45L0808I	-8	1/2"	12.8		1/2"	30.2	23	63	350	5076
* F45L0810I	-8	1/2"	12.8		5/8"	34	25	68	350	5076
F45L0812I	-8	1/2"	12.8		3/4"	38.1	28	68	350	5076
F45L1008I	-10	5/8"	16		1/2"	30.2	26	59	350	5076
* F45L1010I	-10	5/8"	16		5/8"	34	30	63	350	5076
F45L1012I	-10	5/8"	16		3/4"	38.1	30	63	350	5076
F45L1208I	-12	3/4"	19		1/2"	30.2	28	63	350	5076
F45L1212I	-12	3/4"	19		3/4"	38.1	32	67	350	5076
F45L1216I	-16	3/4"	25.4		1"	44.5	35	70	350	5076
F45L1612I	-16	1"	25.4		3/4"	38.1	35x	83	280	4061
F45L1616I	-16	1"	25.4		1"	44.5	32	86	280	4061
F45L1620I	-16	1"	25.4		1.1/4"	50.8	36	90	280	4061
F45L2016I	-20	1.1/4"	31.8		1"	44.5	36	96	210	3046
F45L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	43	100	210	3046
F45L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	44	101	210	3046
F45L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	41	112	185	2683
F45L2432I	-24	1.1/2"	38.1		2"	71.4	52	123	185	2683
F45L3232I	-32	2"	50.8		2"	71.4	59	148	170	2466

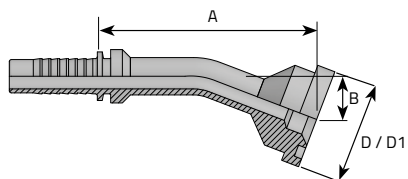
## FLANSZA SERIA - 3000 PSI - 30° KOLANO



\* komatsu

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F30L0808I	-8	1/2"	12.8		1/2"	30.2	-	63	350	5076
* F30L0810I	-8	1/2"	12.8		5/8"	34	-	68	350	5076
F30L0812I	-8	1/2"	12.8		3/4"	38.1	-	68	350	5076
F30L1008I	-10	5/8"	16		1/2"	30.2	-	59	350	5076
* F30L1010I	-10	5/8"	16		5/8"	34	-	63	350	5076
F30L1012I	-10	5/8"	16		3/4"	38.1	-	63	350	5076
F30L1208I	-12	3/4"	19		1/2"	30.2	-	63	350	5076
F30L1212I	-12	3/4"	19		3/4"	38.1	-	67	350	5076
F30L1216I	-16	3/4"	25.4		1"	44.5	-	70	350	5076
F30L1612I	-16	1"	25.4		3/4"	38.1	-	83	280	4061
F30L1616I	-16	1"	25.4		1"	44.5	-	86	280	4061
F30L1620I	-16	1"	25.4		1.1/4"	50.8	-	90	280	4061
F30L2016I	-20	1.1/4"	31.8		1"	44.5	-	96	210	3046
F30L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	-	100	210	3046
F30L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	-	101	210	3046
F30L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	-	112	185	2683
F30L2432I	-24	1.1/2"	38.1		2"	71.4	-	123	185	2683
F30L3232I	-32	2"	50.8		2"	71.4	-	148	170	2466

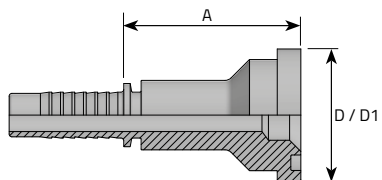
## FLANSZA SERIA- 3000 PSI - 22.5° KOLANO



\* komatsu

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Waż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F22.5L0808I	-8	1/2"	12.8		1/2"	30.2	-	63	350	5076
* F22.5L0810I	-8	1/2"	12.8		5/8"	34	-	68	350	5076
F22.5L0812I	-8	1/2"	12.8		3/4"	38.1	-	68	350	5076
F22.5L1008I	-10	5/8"	16		1/2"	30.2	-	59	350	5076
* F22.5L1010I	-10	5/8"	16		5/8"	34	-	63	350	5076
F22.5L1012I	-10	5/8"	16		3/4"	38.1	-	63	350	5076
F22.5L1208I	-12	3/4"	19		1/2"	30.2	-	63	350	5076
F22.5L1212I	-12	3/4"	19		3/4"	38.1	-	67	350	5076
F22.5L1216I	-16	3/4"	25.4		1"	44.5	-	70	350	5076
F22.5L1612I	-16	1"	25.4		3/4"	38.1	-	83	280	4061
F22.5L1616I	-16	1"	25.4		1"	44.5	-	86	280	4061
F22.5L1620I	-16	1"	25.4		1.1/4"	50.8	-	90	280	4061
F22.5L2016I	-20	1.1/4"	31.8		1"	44.5	-	96	210	3046
F22.5L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	-	100	210	3046
F22.5L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	-	101	210	3046
F22.5L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	-	112	185	2683
F22.5L2432I	-24	1.1/2"	38.1		2"	71.4	-	123	185	2683
F22.5L3232I	-32	2"	50.8		2"	71.4	-	148	170	2466

## FLANSZA SERIA - 6000 PSI

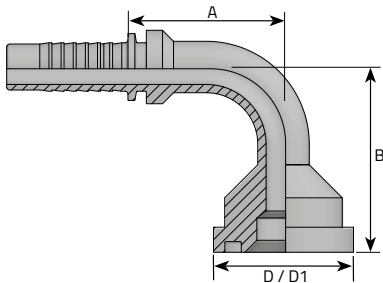


bez dołączonego o-ringa

Code	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Wąż	ø		D	D1	A	Bar	Psi
		Inch	mm		Inch	mm	mm		
FDP0808I	-8	1/2"	12.8		1/2"	31.7	50	415	6019
<b>FDP0812I</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>		<b>3/4"</b>	<b>41.3</b>	<b>55</b>	<b>415</b>	<b>6019</b>
FDP1008I	-10	5/8"	16		1/2"	31.7	50	350	5076
<b>FDP1012I</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>		<b>3/4"</b>	<b>41.3</b>	<b>51</b>	<b>350</b>	<b>5076</b>
FDP1208I	-12	3/4"	19		1/2"	31.7	53	350	5076
<b>FDP1212I</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>		<b>3/4"</b>	<b>41.3</b>	<b>53</b>	<b>350</b>	<b>5076</b>
FDP1216I	-12	3/4"	19		1"	47.6	64	350	5076
<b>FDP1612I</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>		<b>3/4"</b>	<b>41.3</b>	<b>64</b>	<b>280</b>	<b>4061</b>
FDP1616I	-16	1"	25.4		1"	47.6	66	280	4061
<b>FDP1620I</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>		<b>1.1/4"</b>	<b>54</b>	<b>71</b>	<b>280</b>	<b>4061</b>
FDP2016I	-20	1.1/4"	31.8		1"	47.6	66	210	3046
<b>FDP2020I</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>		<b>1.1/4"</b>	<b>54</b>	<b>67</b>	<b>210</b>	<b>3046</b>
FDP2024I	-20	1.1/4"	31.8		1.1/2"	63.5	78	210	3046
<b>FDP2424I</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>		<b>1.1/2"</b>	<b>63.5</b>	<b>78</b>	<b>185</b>	<b>2683</b>
FDP2432I	-24	1.1/2"	38.1		2"	79.4	73	185	2683
<b>FDP3232I</b>	<b>-32</b>	<b>2"</b>	<b>50.8</b>		<b>2"</b>	<b>79.4</b>	<b>73</b>	<b>172</b>	<b>2495</b>



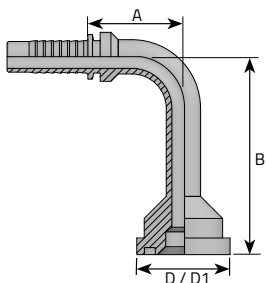
## FLANSZA SERIA - 6000 PSI - 90° KOLANO



bez dołączonego o-ringa

Code	Rura		Gwint	Wymiary				Ciężnienie	
	D.N.	Waż		ø	D	D1	B	A	Bar
	Inch	mm		Inch	mm	mm	mm		
F90P0808I	-8	1/2"	12.8	1/2"	31.7	44	39	415	6019
<b>F90P0812I</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>	<b>3/4"</b>	<b>41.3</b>	<b>51</b>	<b>39</b>	<b>415</b>	<b>6019</b>
F90P1008I	-10	5/8"	16	1/2"	31.7	50	49	350	5076
<b>F90P1012I</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>	<b>3/4"</b>	<b>41.3</b>	<b>59</b>	<b>49</b>	<b>350</b>	<b>5076</b>
F90P1208I	-12	3/4"	19	1/2"	31.7	53	57	350	5076
<b>F90P1212I</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>	<b>3/4"</b>	<b>41.3</b>	<b>62</b>	<b>57</b>	<b>350</b>	<b>5076</b>
F90P1216I	-12	3/4"	19	1"	47.6	67	57	350	5076
<b>F90P1612I</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>3/4"</b>	<b>41.3</b>	<b>64</b>	<b>77</b>	<b>280</b>	<b>4061</b>
F90P1616I	-16	1"	25.4	1"	47.6	69	77	280	4061
<b>F90P1620I</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>	<b>1.1/4"</b>	<b>54</b>	<b>73</b>	<b>77</b>	<b>280</b>	<b>4061</b>
F90P2016I	-20	1.1/4"	31.8	1"	47.6	87	89	210	3046
<b>F90P2020I</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>	<b>1.1/4"</b>	<b>54</b>	<b>93</b>	<b>89</b>	<b>210</b>	<b>3046</b>
F90P2024I	-20	1.1/4"	31.8	1.1/2"	63.5	97	89	210	3046
<b>F90P2424I</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>	<b>1.1/2"</b>	<b>63.5</b>	<b>111</b>	<b>101</b>	<b>185</b>	<b>2683</b>
F90P2432I	-24	1.1/2"	38.1	2"	79.4	126	101	185	2683
<b>F90P3232I</b>	<b>-32</b>	<b>2"</b>	<b>50.8</b>	<b>2"</b>	<b>79.4</b>	<b>128</b>	<b>144</b>	<b>172</b>	<b>2495</b>

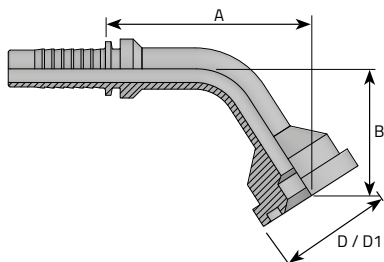
## FLANSZA SERIA 6000 PSI - 90° KOLANO (wydłużona)



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciśnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F90P1212I LD	20	3/4"	12		3/4"	41.3	100	57	350	5076
F90P1216I LD	20	3/4"	12		1"	47.6	137	57	350	5076
F90P1616I LD	25	1"	16		1"	47.6	120	77	280	4061
F90P2020I LD	32	1.1/4"	20		1.1/4"	54	115	89	210	3046
F90P2424I LD	40	1.1/2"	24		1.1/2"	63.5	135	95	185	2683

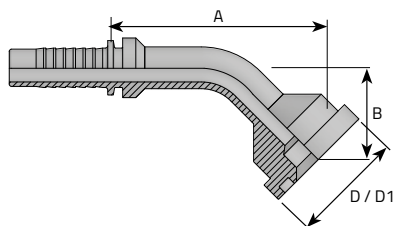
## FLANSZA SERIA 6000 PSI - 60° KOLANO



bez dołączonego o-ringa

Code	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Waż	∅		D	D1	B	A	Bar	Psi
	Inch	mm	mm		Inch	mm	mm	mm		
F60P0808I	-8	1/2"	12.8		1/2"	31.7	-	64	415	6019
<b>F60P0812I</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>		<b>3/4"</b>	<b>41.3</b>	<b>-</b>	<b>69</b>	<b>415</b>	<b>6019</b>
F60P1008I	-10	5/8"	16		1/2"	31.7	-	60	350	5076
<b>F60P1012I</b>	<b>-10</b>	<b>5/8"</b>	<b>16</b>		<b>3/4"</b>	<b>41.3</b>	<b>-</b>	<b>66</b>	<b>350</b>	<b>5076</b>
F60P1208I	-12	3/4"	19		1/2"	31.7	-	64	350	5076
<b>F60P1212I</b>	<b>-12</b>	<b>3/4"</b>	<b>19</b>		<b>3/4"</b>	<b>41.3</b>	<b>-</b>	<b>70</b>	<b>350</b>	<b>5076</b>
F60P1216I	-12	3/4"	19		1"	47.6	-	74	350	5076
<b>F60P1612I</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>		<b>3/4"</b>	<b>41.3</b>	<b>-</b>	<b>86</b>	<b>280</b>	<b>4061</b>
F60P1616I	-16	1"	25.4		1"	47.6	-	89	280	4061
<b>F60P1620I</b>	<b>-16</b>	<b>1"</b>	<b>25.4</b>		<b>1.1/4"</b>	<b>54</b>	<b>-</b>	<b>94</b>	<b>280</b>	<b>4061</b>
F60P2016I	-20	1.1/4"	31.8		1"	47.6	-	100	210	3046
<b>F60P2020I</b>	<b>-20</b>	<b>1.1/4"</b>	<b>31.8</b>		<b>1.1/4"</b>	<b>54</b>	<b>-</b>	<b>104</b>	<b>210</b>	<b>3046</b>
F60P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	-	107	210	3046
<b>F60P2424I</b>	<b>-24</b>	<b>1.1/2"</b>	<b>38.1</b>		<b>1.1/2"</b>	<b>63.5</b>	<b>-</b>	<b>118</b>	<b>185</b>	<b>2683</b>
F60P2432I	-24	1.1/2"	38.1		2"	79.4	-	119	185	2683
<b>F60P3232I</b>	<b>-32</b>	<b>2"</b>	<b>50.8</b>		<b>2"</b>	<b>79.4</b>	<b>-</b>	<b>153</b>	<b>172</b>	<b>2495</b>

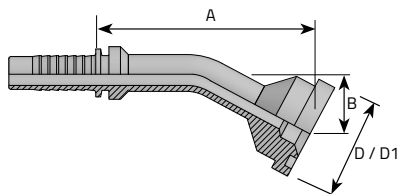
## FLANSZA SERIA - 6000 PSI - 45° KOLANO



bez dołączonego o-ringa

Code	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F45P0808I	-8	1/2"	12.8		1/2"	31.7	23	64	415	6019
F45P0812I	-8	1/2"	12.8		3/4"	41.3	28	69	415	6019
F45P1008I	-10	5/8"	16		1/2"	31.7	26	60	350	5076
F45P1012I	-10	5/8"	16		3/4"	41.3	30	66	350	5076
F45P1208I	-12	3/4"	19		1/2"	31.7	28	64	350	5076
F45P1212I	-12	3/4"	19		3/4"	41.3	32	70	350	5076
F45P1216I	-12	3/4"	19		1"	47.6	35	74	350	5076
F45P1612I	-16	1"	25.4		3/4"	41.3	35	86	280	4061
F45P1616I	-16	1"	25.4		1"	47.6	32	89	280	4061
F45P1620I	-16	1"	25.4		1.1/4"	54	36	94	280	4061
F45P2016I	-20	1.1/4"	31.8		1"	47.6	36	100	210	3046
F45P2020I	-20	1.1/4"	31.8		1.1/4"	54	43	104	210	3046
F45P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	44	107	210	3046
F45P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	41	118	185	2683
F45P2432I	-24	1.1/2"	38.1		2"	79.4	52	119	185	2683
F45P3232I	-32	2"	50.8		2"	79.4	59	153	172	2495

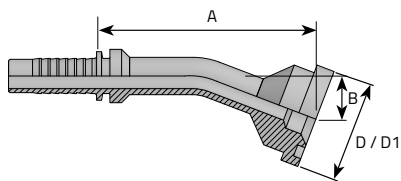
## FLANSZA SERIA - 6000 PSI - 30° KOLANO



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Waż	ø		D	D1	B	A	Bar	Psi
	Inch	mm			Inch	mm	mm	mm		
F30P0808I	-8	1/2"	12.8		1/2"	31.7	-	64	415	6019
F30P0812I	-8	1/2"	12.8		3/4"	41.3	-	69	415	6019
F30P1008I	-10	5/8"	16		1/2"	31.7	-	60	350	5076
F30P1012I	-10	5/8"	16		3/4"	41.3	-	66	350	5076
F30P1208I	-12	3/4"	19		1/2"	31.7	-	64	350	5076
F30P1212I	-12	3/4"	19		3/4"	41.3	-	70	350	5076
F30P1216I	-12	3/4"	19		1"	47.6	-	74	350	5076
F30P1612I	-16	1"	25.4		3/4"	41.3	-	86	280	4061
F30P1616I	-16	1"	25.4		1"	47.6	-	89	280	4061
F30P1620I	-16	1"	25.4		1.1/4"	54	-	94	280	4061
F30P2016I	-20	1.1/4"	31.8		1"	47.6	-	100	210	3046
F30P2020I	-20	1.1/4"	31.8		1.1/4"	54	-	104	210	3046
F30P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	-	107	210	3046
F30P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	-	118	185	2683
F30P2432I	-24	1.1/2"	38.1		2"	79.4	-	119	185	2683
F30P3232I	-32	2"	50.8		2"	79.4	-	153	172	2495

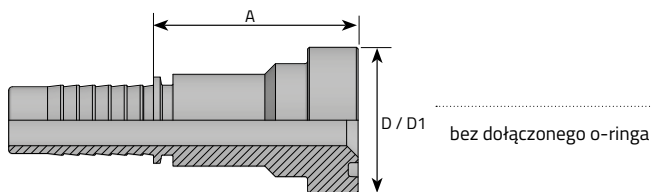
## FLANSZA SERIA - 6000 PSI - 22.5° KOLANO



bez dołączonego o-ringa

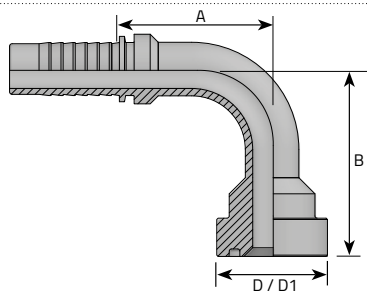
Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F22.5P0808I	-8	1/2"	12.8		1/2"	31.7	-	64	415	6019
F22.5P0812I	-8	1/2"	12.8		3/4"	41.3	-	69	415	6019
F22.5P1008I	-10	5/8"	16		1/2"	31.7	-	60	350	5076
F22.5P1012I	-10	5/8"	16		3/4"	41.3	-	66	350	5076
F22.5P1208I	-12	3/4"	19		1/2"	31.7	-	64	350	5076
F22.5P1212I	-12	3/4"	19		3/4"	41.3	-	70	350	5076
F22.5P1216I	-12	3/4"	19		1"	47.6	-	74	350	5076
F22.5P1612I	-16	1"	25.4		3/4"	41.3	-	86	280	4061
F22.5P1616I	-16	1"	25.4		1"	47.6	-	89	280	4061
F22.5P1620I	-16	1"	25.4		1.1/4"	54	-	94	280	4061
F22.5P2016I	-20	1.1/4"	31.8		1"	47.6	-	100	210	3046
F22.5P2020I	-20	1.1/4"	31.8		1.1/4"	54	-	104	210	3046
F22.5P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	-	107	210	3046
F22.5P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	-	118	185	2683
F22.5P2432I	-24	1.1/2"	38.1		2"	79.4	-	119	185	2683
F22.5P3232I	-32	2"	50.8		2"	79.4	-	153	172	2495

## SUPERCAT FLANSZA



Kod	Rura		Gwint	Wymiary			Ciężnienie	
	D.N.	Waż		ø	D	D1	A	Bar
		Inch	mm	Inch	mm	mm		
FDS1212I	-12	3/4"	19	3/4"	41.3	58	350	5076
FDS1216I	-12	3/4"	19	1"	47.6	70	350	5076
FDS1616I	-16	1"	25.4	1"	47.6	72	280	4061
FDS1620I	-16	1"	25.4	1.1/4"	54	75	280	4061
FDS2020I	-20	1.1/4"	31.8	1.1/4"	54	71	210	3046
FDS2024I	-20	1.1/4"	31.8	1.1/2"	63.5	80	210	3046
FDS2424I	-24	1.1/2"	38.1	1.1/2"	63.5	80	185	2683

## SUPERCAT FLANSZA - 90° KOLANO

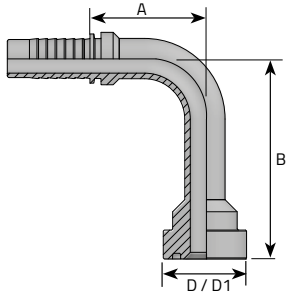


bez dołączonego o-ring'a

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F90S1212I	-12	3/4"	19		3/4"	41.3	67	57	350	5076
F90S1216I	-12	3/4"	19		1"	47.6	73	57	350	5076
F90S1616I	-16	1"	25.4		1"	47.6	75	77	280	4061
F90S1620I	-16	1"	25.4		1.1/4"	54	80	77	280	4061
F90S2020I	-20	1.1/4"	31.8		1.1/4"	54	97	89	210	3046
F90S2024I	-20	1.1/4"	31.8		1.1/2"	63.5	99	89	210	3046
F90S2424I	-24	1.1/2"	38.1		1.1/2"	63.5	113	101	185	2683



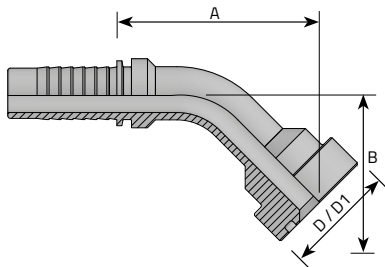
## SUPERCAT FLANSZA 90° KOLANO (wydłużana)



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Waż	ø		D	D1	B	A	Bar	Psi
	Inch	mm		Inch	mm	mm	mm			
F90S1212ILD	-12	3/4"	19		3/4"	41.3	105.4	57	350	5076
F90S1216ILD	-12	3/4"	19		1"	47.6	142	57	350	5076
F90S1616ILD	-16	1"	25.4		1"	47.6	124.8	77	280	4061
F90S2020ILD	-20	1.1/4"	31.8		1.1/4"	54	123	89	210	3046
F90S2424ILD	-24	1.1/2"	38.1		1.1/2"	63.5	141.7	101	185	2683

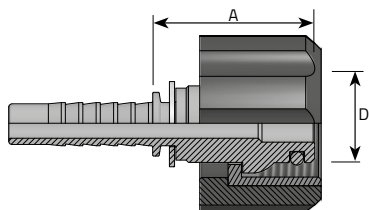
## SUPERCAT FLANSZA - 45° KOLANO



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
F45S1212I	-12	3/4"	19		3/4"	41.3	39	74	350	5076
F45S1216I	-12	3/4"	19		1"	47.6	43	78	350	5076
F45S1616I	-16	1"	25.4		1"	47.6	40	94	280	4061
F45S1620I	-16	1"	25.4		1.1/4"	54	43	97	280	4061
F45S2020I	-20	1.1/4"	31.8		1.1/4"	54	50	107	210	3046
F45S2024I	-20	1.1/4"	31.8		1.1/2"	63.5	51	108	210	3046
F45S2424I	-24	1.1/2"	38.1		1.1/2"	63.5	49	120	185	2683

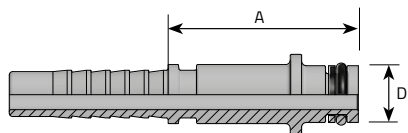
## KOŃCÓWKA MYJKOWA ŻEŃSKA - TYP FK



\* do zastosowań hobbistycznych

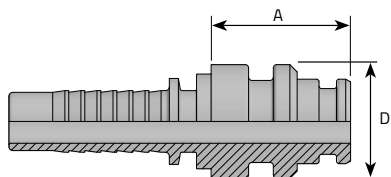
Kod	Rura		Gwint		Wymiary		Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	D	A	Bar	Psi
		Inch	mm	mm		mm	mm		
FDW0422T14	-4	1/4"	6.4	M22 x1.5	14	33		400	5801
FDW0422T15	-4	1/4"	6.4	M22 x1.5	15	33		400	5801
* FDW0422T15L	-4	1/4"	6.4	M22 x1.5	15	40		400	5801
FDW0522T14	-5	5/16"	7.9	M22 x1.5	14	33		400	5801
FDW0522T15	-5	5/16"	7.9	M22 x1.5	15	33		400	5801
* FDW0522T15L	-5	5/16"	7.9	M22 x1.5	15	40		400	5801
FDW0622T14	-6	3/8"	9.5	M22 x1.5	14	33		400	5801
FDW0622T15	-6	3/8"	9.5	M22 x1.5	15	33		400	5801

## KOŃCÓWKA MYJKOWA PISTOLETOWA



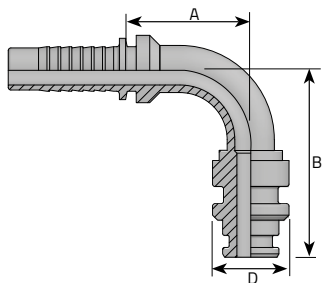
Kod	Rura			Gwint	Wymiary		Ciśnienie	
	D.N.	Wąż	ø		D	A	Bar	Psi
		Inch	mm		mm	mm		
FW04D10	-4	1/4"	6.4		10	33.5		
FW04D11	-4	1/4"	6.4		11	33.5		
FW05D10	-5	5/16"	7.9		10	33.5		
FW05D11	-5	5/16"	7.9		11	33.5		

## STECKO MĘSKA



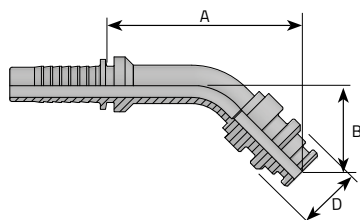
Kod	Rura			Gwint	Wymiary		Ciśnienie	
	D.N.	Waż	Ø		A	D	Bar	Psi
		Inch	mm		mm	mm		
MINE0404	-4	1/4"	6.4		28.7	15		
MINE0606	-6	3/8"	9.5		28.8	20		
MINE0808	-8	1/2"	12.8		28.7	24		
MINE1212	-12	3/4"	19		28.9	29		
MINE1616	-16	1"	25.4		35.1	39		
MINE2020	-20	1.1/4"	31.8		35	46		
MINE2424	-24	1.1/2"	38.1		40	55		
MINE3232	-32	2"	50.8		40	64		

## STECKO MĘSKA 90° KOLANO



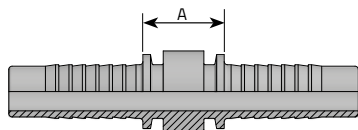
Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		A	B	D	Bar	Psi
		Inch	mm		mm	mm	mm		
MINE900606	-6	3/8"	9.5		32.5	53.5	20		
MINE900808	-8	1/2"	12.8		39	58	24		

## STECKO MĘSKA 45° KOLANO



Kod	Rura		Gwint	Wymiary			Ciśnienie	
	D.N.	Wąż		ø	A	B	D	Bar
		Inch	mm	mm	mm	mm		
MINE450606	-6	3/8"	9.5	65	34	20		
MINE450808	-8	1/2"	12.8	73	35	24		

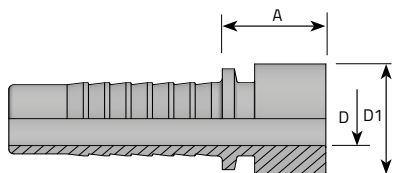
## ZŁĄCZE NAPRAWCZE



Kod	Rura			Gwint	Wymiary	Ciśnienie	
	D.N.	Wąż	ø			Bar	Psi
		Inch	mm		A		
					mm		
GD04	-4	1/4"	6.4		14	450	6526
GD05	-5	5/16"	7.9		14	350	5076
GD06	-6	3/8"	9.5		15	445	6454
GD08	-8	1/2"	12.8		20	415	6019
GD10	-10	5/8"	16		16	350	5076
GD12	-12	3/4"	19		18	350	5076
GD16	-16	1"	25.4		20	280	4061
GD20	-20	1.1/4"	31.8		21	210	3046

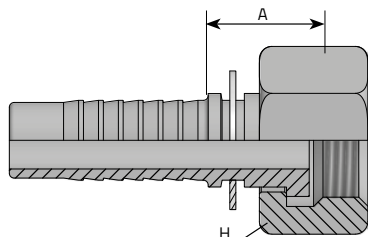


## KOŃCÓWKA DO SPAWANIA



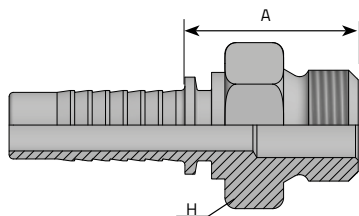
Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		D	D1	A	Bar	Psi
		Inch	mm		mm	mm	mm		
CS03	-3	3/16"	4.8		-	12	14.5		
CS04	-4	1/4"	6.4		-	12	12.5		
CS04T8	-4	1/4"	6.4		8	12	12.5		
CS05	-5	5/16"	7.9		-	14	13.5		
CS05T10	-5	5/16"	7.9		10	15	13.6		
CS06	-6	3/8"	9.5		-	16	14.5		
CS06T10	-6	3/8"	9.5		10	16	14.5		
CS06T12	-6	3/8"	9.5		12	16	14.5		
CS08	-8	1/2"	12.8		-	20	16		
CS08T14	-8	1/2"	12.8		14	20	16		
CS08T15	-8	1/2"	12.8		15	20	16		
CS08T16	-8	1/2"	12.8		16	20	16		
CS10	-10	5/8"	16		-	24	18		
CS12	-12	3/4"	19		-	26	15.5		
CS16	-16	1"	25.4		-	32	22		
CS20	-20	1.1/4"	31.8		-	40	21.5		
CS24	-24	1.1/2"	38.1		-	46	21.5		
CS32	-32	2"	50.8		-	60	23		

## KOŃCÓWKA DO CO<sup>2</sup> ŻEŃSKA



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
		Inch	mm	mm		mm	mm		
FW0621.7	-6	3/8"	9.5	21.7 W	14	27	16		
FW0821.7	-8	1/2"	12.8	21.7 W	14	27	16.5		

## KOŃCÓWKA DO CO<sup>2</sup> MĘSKA

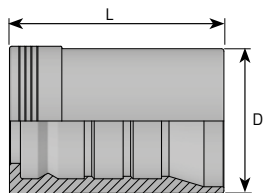


Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch		mm	mm		mm	mm		
MW0621.7	-6	3/8"	9.5	21.7 W	14	24	27		
MW0821.7	-8	1/2"	12.8	21.7 W	14	24	27.5		

# Interlock

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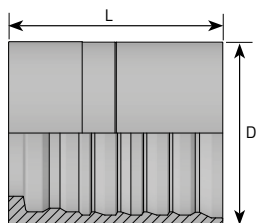
## INTERLOCK TULEJA DLA 4SH



Podwójne skórowanie

Code	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
KB4SH10	-10	5/8"	16		36	52	
KB4SH12	-12	3/4"	19		38	60	
KB4SH16	-16	1"	25.4		46	74.5	
KB4SH20	-20	1.1/4"	31.8		56	87.8	
KB4SH24	-24	1.1/2"	38.1		62	94.4	
KB4SH32	-32	2"	50.8		79.5	99	

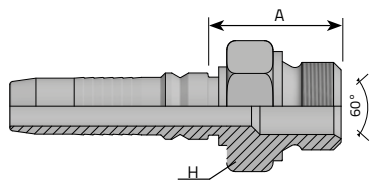
## INTERLOCK TULEJA DLA R13/R15



Podwójne skórowanie

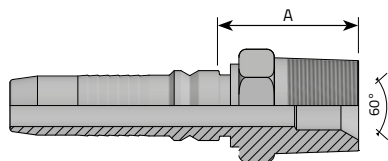
Kod	Rura		Gwint	Wymiary		Ciśnienie
	D.N.	Waż		ø	D	
		Inch	mm	mm	mm	
KBH1320	-20	1.1/4"	31.8	60	87.8	
KBH1324	-24	1.1/2"	38.1	67	94.4	
KBH1332	-32	2"	50.8	84.5	99	

## INTERLOCK BSPP MĘSKA



Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	Ø	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
KMG1212	-12	3/4"	19	3/4"	14	32	34.7	420	6091
KMG1616	-16	1"	25.4	1"	11	38	37.4	420	6091
KMG1620	-16	1"	25.4	1.1/4"	11	50	42.6	420	6091
KMG2020	-20	1.1/4"	31.8	1.1/4"	11	50	44.2	420	6091
KMG2424	-24	1.1/2"	38.1	1.1/2"	11	55	44.5	345	5004
KMG3232	-32	2"	50.8	2"	11	70	54	345	5004

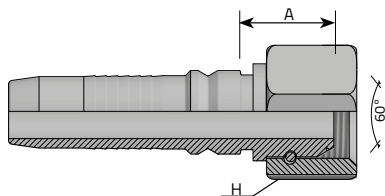
## INTERLOCK BSPT MĘSKA



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
KMGK1212	-12	3/4"	19	3/4"	14	27	34.7	420	6091
KMGK1616	-16	1"	25.4	1"	11	36	43.5	420	6091
KMGK2020	-20	1.1/4"	31.8	1.1/4"	11	46	42.0	414	6004
KMGK2424	-24	1.1/2"	38.1	1.1/2"	11	50	46	345	5004
KMGK3232	-32	2	50.8	2"	11	65	57	345	5004

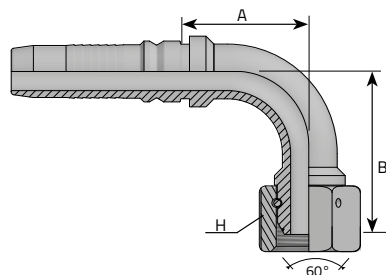


## INTERLOCK BSPP ŻEŃSKA (O-RING) - DRUTOWANA



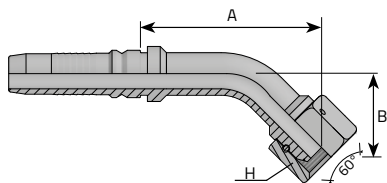
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	Ø	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
KFDG1212	-12	3/4"	19	3/4"	14	32	22.7	420	6091
KFDG1616	-16	1"	25.4	1"	11	38	24.7	420	6091
KFDG1620	-16	1"	25.4	1.1/4"	11	50	27.5	414	6004
KFDG2020	-20	1.1/4"	31.8	1.1/4"	11	50	28.2	345	5004
KFDG2424	-24	1.1/2"	38.1	1.1/2"	11	55	30.5	345	5004
KFDG3232	-32	2"	50.8	2"	11	70	34	345	5004

## INTERLOCK BSPB ŻEŃSKA 90° (O-RING) - DRUTOWANA



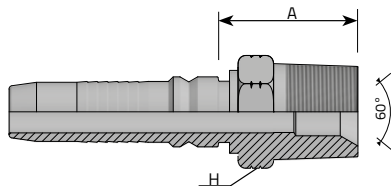
Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Waż	∅	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF90G1212	-12	3/4"	19	3/4"	14	32	59	54	420	6091
KF90G1616	-16	1"	25.4	1"	11	38	72	70.5	420	6091
KF90G1620	-16	1"	25.4	1.1/4"	11	50	80	70.5	420	6091
KF90G2020	-20	1.1/4"	31.8	1.1/4"	11	50	93	87.7	420	6091
KF90G2424	-24	1.1/2"	38.1	1.1/2"	11	55	114	99.5	345	5004
KF90G3232	-32	2"	50.8	2"	11	70	136	135	345	5004

## INTERLOCK BSPP ŻEŃSKA 45° (O-RING) - DRUTOWANA



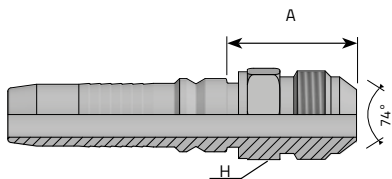
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	∅	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch	Inch	mm	mm	mm			
KF45G1212	-12	3/4"	19	3/4"	14	32	29	60.7	420	6091
KF45G1616	-16	1"	25.4	1"	11	38	41	87.5	420	6091
KF45G1620	-16	1"	25.4	1.1/4"	11	50	44	90.5	420	6091
KF45G2020	-20	1.1/4"	31.8	1.1/4"	11	50	44	100.5	420	6091
KF45G2424	-24	1.1/2"	38.1	1.1/2"	11	55	45	116.5	345	5004
KF45G3232	-32	2"	50.8	2"	11	70	68	156	345	5004

## INTERLOCK NPTF MĘSKA



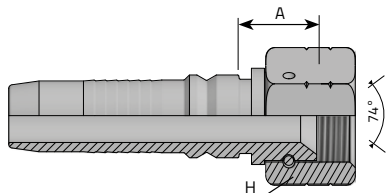
Kod	Rura		Gwint		Wymiary				Ciężnienie	
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
KMNPTF1212	-12	3/4"	19	3/4"	14	27	34.5	96.5	420	6091
KMNPTF1216	-12	3/4"	19	1"	11.5	36	42.5	104.5	420	6091
KMNPTF1616	-16	1"	25.4	1"	11.5	36	43	115	420	6091
KMNPTF1620	-16	1"	25.4	1.1/4"	11.5	46	43	115	420	6091
KMNPTF2020	-20	1.1/4"	31.8	1.1/4"	11.5	46	44	137.5	420	6091
KMNPTF2024	-20	1.1/4"	31.8	1.1/2"	11.5	50	44	137.5	420	6091
KMNPTF2424	-24	1.1/2"	38.1	1.1/2"	11.5	50	45.5	139	345	5004
KMNPTF3232	-32	2"	50.8	2"	11.5	65	57	155	345	5004

## INTERLOCK JIC 37° MĘSKA



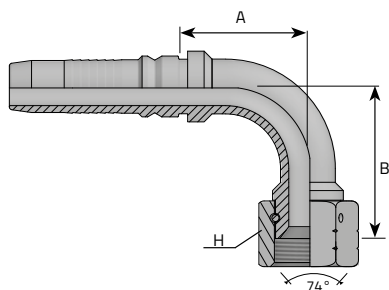
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	∅	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
KMJ1212	-12	3/4"	19	1.1/16"	12	27	38	420	6091
KMJ1214	-12	3/4"	19	1.3/16"	12	32	39	420	6091
KMJ1216	-12	3/4"	19	1.5/16"	12	34	39	420	6091
KMJ1616	-16	1"	25.4	1.5/16"	12	34	40	414	6004
KMJ1620	-16	1"	25.4	1.5/8"	12	42	42.5	414	6004
KMJ2020	-20	1.1/4"	31.8	1.5/8"	12	42	44	414	6004
KMJ2024	-20	1.1/4"	31.8	1.7/8"	12	50	51	414	6004
KMJ2424	-24	1.1/2"	38.1	1.7/8"	12	50	51	345	5004
KMJ3232	-32	2"	50.8	2.1/2"	12	65	61.5	345	5004

## INTERLOCK JIC 37° ŻEŃSKA



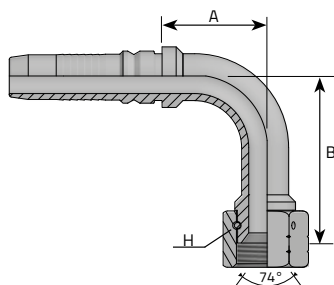
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	Inch	mm	Inch		mm	mm		
KFDJ1212	-12	3/4"	19	1.1/16"	12	32	20.5	420	6091
KFDJ1214	-12	3/4"	19	1.3/16"	12	36	20.5	420	6091
KFDJ1216	-12	3/4"	19	1.5/16"	12	41	20.5	420	6091
KFDJ1616	-16	1"	25.4	1.5/16"	12	41	22	414	6004
KFDJ1620	-16	1"	25.4	1.5/8"	12	50	26	414	6004
KFDJ2020	-20	1.1/4"	31.8	1.5/8"	12	50	27.5	414	6004
KFDJ2024	-20	1.1/4"	31.8	1.7/8"	12	55	29.5	414	6004
KFDJ2424	-24	1.1/2"	38.1	1.7/8"	12	55	29.5	345	5004
KFDJ3232	-32	2"	50.8	2.1/2"	12	70	33	345	5004

## INTERLOCK JIC 37° ŻEŃSKA 90°



Smart Code	Kod	Rura		Gwint		Wymiary			Ciężnienie		
		D.N.	Waż	Ø	T	t/1"	H	A	B	Bar	Psi
		Inch		mm	Inch		mm	mm	mm		
	KF90J1212	-12	3/4"	19	1.1/16"	12	32	58	51	420	6091
	KF90J1214	-12	3/4"	19	1.3/16"	12	36	61	51	420	6091
	KF90J1216	-12	3/4"	19	1.5/16"	12	41	62.5	51	420	6091
	KF90J1616	-16	1"	25.4	1.5/16"	12	41	69.5	70.5	414	6004
	KF90J1620	-16	1"	25.4	1.5/8"	12	50	78.5	70.5	414	6004
	KF90J2020	-20	1.1/4"	31.8	1.5/8"	12	50	91.5	87.5	414	6004
	KF90J2024	-20	1.1/4"	31.8	1.7/8"	12	55	99	87.5	414	6004
	KF90J2424	-24	1.1/2"	38.1	1.7/8"	12	55	112.5	99.5	345	5004
	KF90J3232	-32	2"	50.8	2.1/2"	12	70	101	110	345	5004

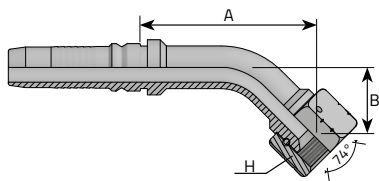
## INTERLOCK JIC 37° ŻEŃSKA 90° KOLANO (wydłużana)



Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Waż	∅	T	t/1"	H	A	B	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
KF90J1212LD	-12	3/4"	19	1.1/16"	12	32	62	94.5	420	6091
KF90J1616LD	-16	1"	25.4	1.5/16"	12	41	77	110	380	5511
KF90J1620LD	-16	1"	25.4	1.5/8"	12	50	77	116	325	4713
KF90J2020LD	-20	1.1/4"	31.8	1.5/8"	12	50	89	136	325	4713
KF90J2424LD	-24	1.1/2"	38.1	1.7/8"	12	55	101	162	290	4206
KF90J3232LD	-32	2"	50.8	2.1/2"	12	70	135	220	250	3626

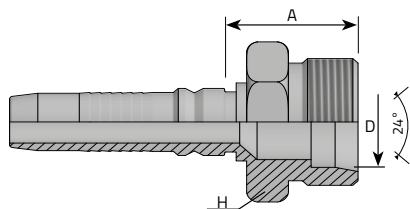


## INTERLOCK JIC 37° ŻEŃSKA 45° KOLANO



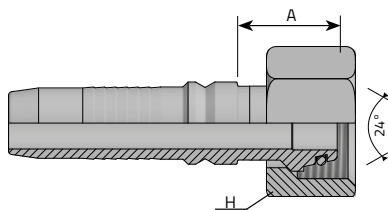
Kod	Rura				Gwint	Wymiary			Ciśnienie		
	D.N.	Waż	∅	T		t/1"	H	B	A	Bar	Psi
	Inch	mm	mm	Inch			mm	mm	mm		
KF45J1212	-12	3/4"	19	1.1/16"	12	32	29	59.5	420	6091	
KF45J1214	-12	3/4"	19	1.3/16"	12	36	29	60.5	420	6091	
KF45J1216	-12	3/4"	19	1.5/16"	12	41	29	60.5	420	6091	
KF45J1616	-16	1"	25.4	1.5/16"	12	41	39.5	86	414	6004	
KF45J1620	-16	1"	25.4	1.5/8"	12	50	38.5	87	414	6004	
KF45J2020	-20	1.1/4"	31.8	1.5/8"	12	50	44	99.5	414	6004	
KF45J2024	-20	1.1/4"	31.8	1.7/8"	12	55	45	101.5	414	6004	
KF45J2424	-24	1.1/2"	38.1	1.7/8"	12	55	45	116.5	345	5004	
KF45J3232	-32	2"	50.8	2.1/2"	12	70	65.8	156	345	5004	

## INTERLOCK METRYCZNA MĘSKA 24° STOŻEK - TYP S



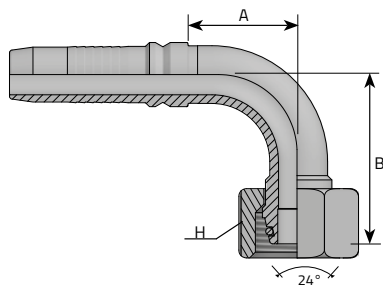
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Waż	ø	T	D	H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm		
KME1230S20	-12	3/4"	19	M30 x 2	20	32	31.5	420	6091
KME1236S25	-12	3/4"	19	M36 x 2	25	38	33.5	420	6091
KME1636S25	-16	1"	25.4	M36 x 2	25	38	36	414	6004
KME1642S30	-16	1"	25.4	M42 x 2	30	46	39.5	280	4061
KME2042S30	-20	1.1/4"	31.8	M42 x 2	30	46	40.5	250	3626
KME2052S38	-20	1.1/4"	31.8	M52 x 2	38	55	44.5	250	3626
KME2452S38	-24	1.1/2"	38.1	M52 x 2	38	55	44.5	250	3626

## INTERLOCK METRYCZNA ŻEŃSKA 24° STOŻEK - TYP S



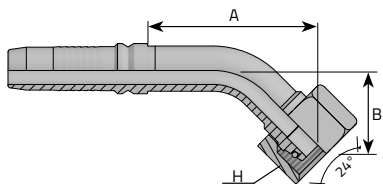
Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Waż	Ø	T	D	H	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm		
KFE1030S20	-10	5/8"	16	M30 x 2	20			420	6091
KFE1230S20	-12	3/4"	19	M30 x 2	20	36	35	420	6091
KFE1236S25	-12	3/4"	19	M36 x 2	25	46	36	420	6091
KFE1636S25	-16	1"	25.4	M36 x 2	25	46	37	414	6004
KFE1642S30	-16	1"	25.4	M42 x 2	30	50	38	280	4061
KFE2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	40	250	3626
KFE2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	45.5	250	3626
KFE2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	45.5	250	3626

## INTERLOCK METRYCZNA ŻEŃSKA 24° STOŻEK 90° - TYP S



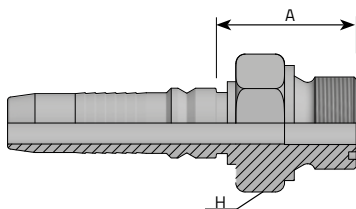
Kod	Rura		Gwint		Wymiary				Ciężnienie		
	D.N.	Waż	∅	T	t/1"	D	H	B	A	Bar	Psi
	Inch	mm	mm		mm	mm	mm	mm			
KF90E1030S20	-10	5/8"	16	M30 x 2	20	-	-	-		420	6091
KF90E1230S20	-12	3/4"	19	M30 x 2	20	36	59	54		420	6091
KF90E1236S25	-12	3/4"	19	M36 x 2	25	46	59	54		420	6091
KF90E1636S25	-16	1"	25.4	M36 x 2	25	46	75	70.5		414	6004
KF90E1642S30	-16	1"	25.4	M42 x 2	30	50	75	70.5		280	4061
KF90E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	86	90.5		250	3626
KF90E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	86	90.5		250	3626
KF90E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	94	97.5		250	3626

## INTERLOCK METRYCZNA ŻEŃSKA 24° STOŻEK 45° KOLANO - TYP S



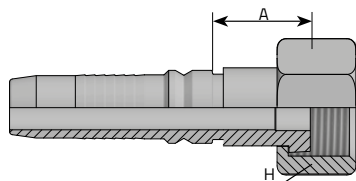
Kod	Rura		Gwint		Wymiary				Ciężnienie		
	D.N.	Wąż	Ø	T	t/1"	D	H	B	A	Bar	Psi
	Inch	mm	mm	mm		mm	mm	mm	mm		
KF45E1030S20	-10	5/8"	16	M30 x 2	20	-	-	-		420	6091
KF45E1230S20	-12	3/4"	19	M30 x 2	20	36	27	61.5		420	6091
KF45E1236S25	-12	3/4"	19	M36 x 2	25	46	28	67.5		420	6091
KF45E1636S25	-16	1"	25.4	M36 x 2	25	46	38	86		414	6004
KF45E1642S30	-16	1"	25.4	M42 x 2	30	50	38	86.5		280	4061
KF45E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	35	103		250	3626
KF45E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	35	103		250	3626
KF45E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	45	117.5		250	3626

## INTERLOCK ORFS MĘSKA



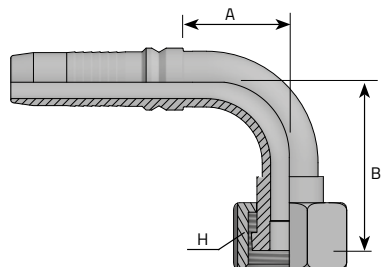
Kod	Rura		Gwint		Wymiary			Ciężnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
KMORFS1215	-12	3/4"	19	1.7/16"	12	41	35.7	420	6091
KMORFS1615	-16	1"	25.4	1.7/16"	12	41	36.6	414	6004
KMORFS1621	-16	1"	25.4	1.11/16"	12	46	36.6	414	6004
KMORFS2021	-20	1.1/4"	31.8	1.11/16"	12	46	37.7	414	6004

## INTERLOCK ORFS ŻEŃSKA



Kod	Rura		Gwint		Wymiary			Ciśnienie	
	D.N.	Wąż	ø	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
KFORFS1014	-10	5/8"	16	1.3/16"	12	-	-	420	6091
KFORFS1214	-12	3/4"	19	1.3/16"	12	36	30.5	420	6091
KFORFS1215	-12	3/4"	19	1.7/16"	12	41	31.5	414	6004
KFORFS1615	-16	1"	25.4	1.7/16"	12	41	32.5	414	6004
KFORFS1621	-16	1"	25.4	1.11/16"	12	-	-	-	-
KFORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	34	250	3626

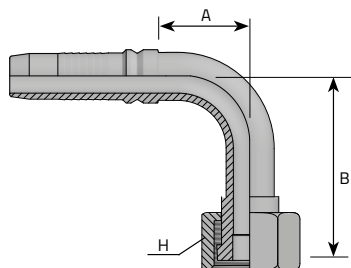
## INTERLOCK ORFS ŻEŃSKA - 90° KOLANO



Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Wąż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
KF90ORFS1014	-10	5/8"	16	1.3/16"	12	-	-	-	-	-
KF90ORFS1214	-12	3/4"	19	1.3/16"	12	36	49	53.5	420	6091
KF90ORFS1215	-12	3/4"	19	1.7/16"	12	41	54	54	410	5946
KF90ORFS1615	-16	1"	25.4	1.7/16"	12	41	59.5	71.5	410	5946
KF90ORFS1621	-16	1"	25.4	1.11/16"	12	-	-	-	-	-
KF90ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	75.5	88.5	250	3626

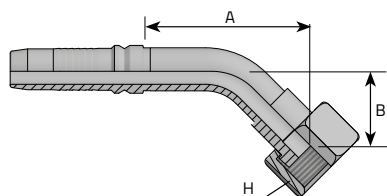


## INTERLOCK ORFS ŻEŃSKA 90° KOLANO (wydłużana)



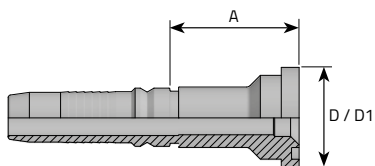
Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Waż	Ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
KF90ORFS1214LD	-12	3/4"	19	1.3/16"	12	36	96	50	420	6091
KF90ORFS1615LD	-16	1"	25.4	1.7/16"	12	41	113	62	414	6004
KF90ORFS2021LD	-20	1.1/4"	31.8	1.11/16"	12	50	130	87	250	3626

## INTERLOCK ORFS ŻEŃSKA 45° KOLANO



Kod	Rura		Gwint		Wymiary			Ciśnienie		
	D.N.	Waż	ø	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
KF45ORFS1014	-10	5/8"	16	1.3/16"	12	-	-	-	-	-
KF45ORFS1214	-12	3/4"	19	1.3/16"	12	36	23	55.5	420	6091
KF45ORFS1215	-12	3/4"	19	1.7/16"	12	41	27	60	410	5946
KF45ORFS1615	-16	1"	25.4	1.7/16"	12	41	26	78.5	410	5946
KF45ORFS1621	-16	1"	25.4	1.11/16"	12	-	-	-	-	-
KF45ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	34	91.5	250	3626

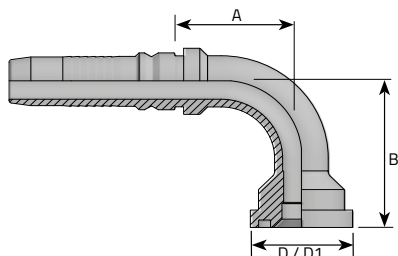
## INTERLOCK FLANSZA SERIA - 3000 PSI



bez dołączonego o-ringa

Kod	Rura		Gwint	Wymiary			Ciężnienie	
	D.N.	Waż		ø	D	D1	A	Bar
	Inch		mm	Inch	mm	mm		
KFDL1212I	-12	3/4"	19	3/4"	38.1	56.7	420	6091
KFDL1216I	-12	3/4"	19	1"	44.5	48.7	420	6091
KFDL1612I	-16	1"	25.4	3/4"	38.1	47.6	415	6019
KFDL1616I	-16	1"	25.4	1"	44.5	47.6	415	6019
KFDL1620I	-16	1"	25.4	1.1/4"	50.8	64.6	415	6019
KFDL2020I	-20	1.1/4"	31.8	1.1/4"	50.8	68.7	250	3626
KFDL2024I	-20	1.1/4"	31.8	1.1/2"	60.3	78.7	250	3626
KFDL2424I	-24	1.1/2"	38.1	1.1/2"	60.3	68.5	200	2901
KFDL2432I	-24	1.1/2"	38.1	2"	71.4	70.5	200	2901
KFDL3232I	-32	2"	50.8	2"	71.4	70.5	200	2901

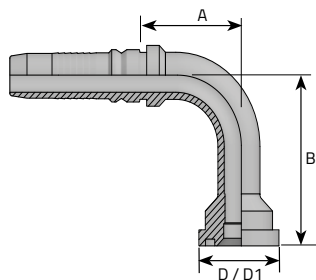
## INTERLOCK FLANSZA SERIA - 3000 PSI - 90° KOLANO



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	∅		D	D1	B	A	Bar	Psi
	Inch	Inch	mm	Inch	mm	mm	mm			
KF90L1212I	-12	3/4"	19		3/4"	38.1	58	54.7	420	6091
KF90L1216I	-12	3/4"	19		1"	44.5	62	54.7	420	6091
KF90L1612I	-16	1"	25.4		3/4"	38.1	60	74.6	415	6019
KF90L1616I	-16	1"	25.4		1"	44.5	68	70.6	415	6019
KF90L1620I	-16	1"	25.4		1.1/4"	50.8	70	74.6	415	6019
KF90L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	87	87.7	250	3626
KF90L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	88	87.7	250	3626
KF90L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	102	99.5	200	2901
KF90L2432I	-24	1.1/2"	38.1		2"	71.4	118	99.5	200	2901
KF90L3232I	-32	2"	50.8		2"	71.4	12	144	200	2901

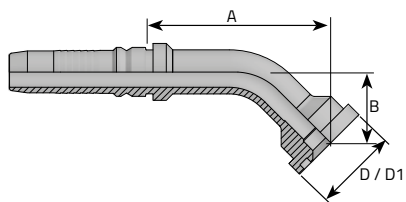
## INTERLOCK FLANSZA SERIA -3000 PSI -90° KOLANO (wydłużana)



bez dołączonego o-ringa

Kod	Rura		Gwint	Wymiary				Ciśnienie	
	D.N.	Wąż Ø		D	D1	B	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm			
KF90L1212ILD	-12	3/4"	19	3/4"	38.1	96.8	54.7	420	6091
KF90L1216ILD	-12	3/4"	19	1"	44.5	135.5	54.7	420	6091
KF90L1616ILD	-16	1"	25.4	1"	44.5	115.5	70.6	415	6019
KF90L2020ILD	-20	1.1/4"	31.8	1.1/4"	50.8	115.2	87.7	250	3626
KF90L2424ILD	-24	1.1/2"	38.1	1.1/2"	60.3	131.4	99.5	200	2901

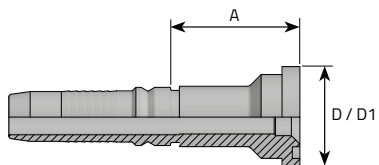
## INTERLOCK FLANSA SERIA -3000 PSI - 45°KOLANO



bez dołączonego o-ringa

Code	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
KF45L1212I	-12	3/4"	19		3/4"	38.1	32	64.7	420	6091
KF45L1216I	-12	3/4"	19		1"	44.5	35	67.7	420	6091
KF45L1612I	-16	1"	25.4		3/4"	38.1	35	80.6	415	6019
KF45L1616I	-16	1"	25.4		1"	44.5	32	83.6	415	6019
KF45L1620I	-16	1"	25.4		1.1/4"	50.8	36	87.6	415	6019
KF45L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	43	98.7	250	3626
KF45L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	44	99.7	250	3626
KF45L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	41	110.5	200	2901
KF45L2432I	-24	1.1/2"	38.1		2"	71.4	52	121.5	200	2901
KF45L3232I	-32	2"	50.8		2"	71.4	59	148	200	2901

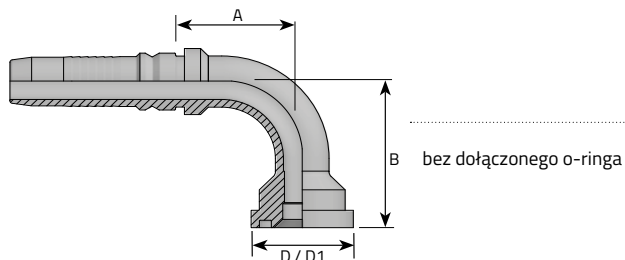
## INTERLOCK FLANSZA SERIA - 6000 PSI



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		D	D1	A	Bar	Psi
		Inch	mm		Inch	mm	mm		
KFDP1212I	-12	3/4"	19		3/4"	41.3	50	420	6091
KFDP1216I	-12	3/4"	19		1"	47.6	61.7	420	6091
KFDP1612I	-16	1"	25.4		3/4"	41.3	61.6	420	6091
KFDP1616I	-16	1"	25.4		1"	47.6	63.6	420	6091
KFDP1620I	-16	1"	25.4		1.1/4"	54	68.6	420	6091
KFDP2020I	-20	1.1/4"	31.8		1.1/4"	54	68.7	420	6091
KFDP2024I	-20	1.1/4"	31.8		1.1/2"	63.5	76.7	420	6091
KFDP2424I	-24	1.1/2"	38.1		1.1/2"	63.5	76.5	420	6091
KFDP2432I	-24	1.1/2"	38.1		2"	79.4	70.5	420	6091
KFDP3232I	-32	2"	50.8		2"	79.4	73	420	6091

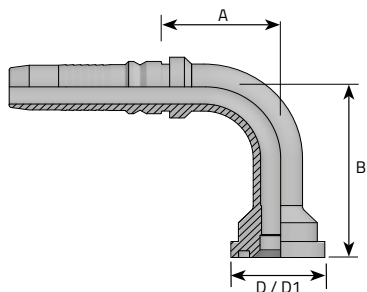
## INTERLOCK FLANSA SERIA - 6000 PSI - 90° KOLANO



Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	φ		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
KF90P1212I	-12	3/4"	19		3/4"	41.3	62	54.7	420	6091
KF90P1216I	-12	3/4"	19		1"	47.6	67	54.7	420	6091
KF90P1612I	-16	1"	25.4		3/4"	41.3	64	74.6	415	6019
KF90P1616I	-16	1"	25.4		1"	47.6	69	70.6	415	6019
KF90P1620I	-16	1"	25.4		1.1/4"	54	76	74.6	415	6019
KF90P2020I	-20	1.1/4"	31.8		1.1/4"	54	93	87.7	415	6019
KF90P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	97	87.7	415	6019
KF90P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	111	99.5	345	5004
KF90P2432I	-24	1.1/2"	38.1		2"	79.4	128	110	345	5004
KF90P3232I	-32	2"	50.8		2"	79.4	128	144	345	5004



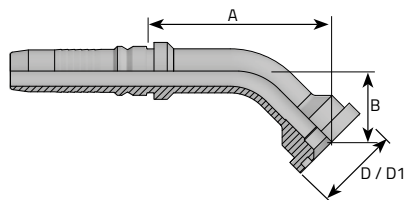
## INTERLOCK FLANSZA SERIA 6000 PSI 90° KOLANO (wydłużana)



bez dołączonego o-ringa

Kod	Rura		Gwint	Wymiary				Ciśnienie	
	D.N.	Wąż ø		D	D1	B	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm			
KF90P1212ILD	-12	3/4"	19	3/4"	41.3	100	54.7	420	6091
KF90P1216ILD	-12	3/4"	19	1"	47.6	137	54.7	420	6091
KF90P1616ILD	-16	1"	25.4	1"	47.6	120	70.6	415	6019
KF90P2020ILD	-20	1.1/4"	31.8	1.1/4"	54	115	87.7	415	6019
KF90P2424ILD	-24	1.1/2"	38.1	1.1/2"	63.5	135	95	415	6019

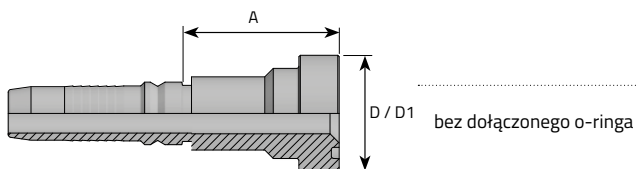
## INTERLOCK FLANSZA SERIA-6000 PSI- 45° KOLANO



bez dołączonego o-ringa

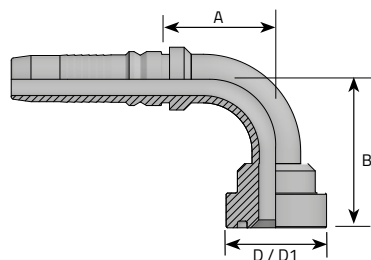
Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
KF45P1212I	-12	3/4"	19		3/4"	41.3	35	67.7	420	6091
KF45P1216I	-12	3/4"	19		1"	47.6	39	71.7	420	6091
KF45P1612I	-16	1"	25.4		3/4"	41.3	32	83.6	415	6019
KF45P1616I	-16	1"	25.4		1"	47.6	35	86.6	415	6019
KF45P1620I	-16	1"	25.4		1.1/4"	54	40	91.6	415	6019
KF45P2020I	-20	1.1/4"	31.8		1.1/4"	54	47	102.7	415	6019
KF45P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	50	105.7	415	6019
KF45P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	47	116.5	345	5004
KF45P2432I	-24	1.1/2"	38.1		2"	79.4	64	145	345	5004
KF45P3232I	-32	2"	50.8		2"	79.4	64	153	345	5004

## INTERLOCK SUPERCAT FLANSZA



Kod	Rura			Gwint	Wymiary			Ciężnienie	
	D.N.	Waż	ø		D	D1	A	Bar	Psi
		Inch	mm		Inch	mm	mm		
KFDS1212I	-12	3/4"	19		3/4"	41.3	55.7	420	6091
KFDS1216I	-12	3/4"	19		1"	47.6	67.7	420	6091
KFDS1616I	-16	1"	25.4		1"	47.6	69.6	420	6091
KFDS1620I	-16	1"	25.4		1.1/4"	54	72.6	420	6091
KFDS2020I	-20	1.1/4"	31.8		1.1/4"	54	69.7	420	6091
KFDS2024I	-20	1.1/4"	31.8		1.1/2"	63.5	78.7	420	6091
KFDS2424I	-24	1.1/2"	38.1		1.1/2"	63.5	78.5	420	6091

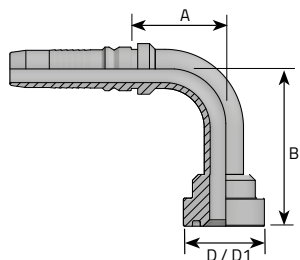
## INTERLOCK SUPERCAT FLANSZA 90°



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciśnienie	
	D.N.	Waż	ø		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
KF90S1212I	-12	3/4"	19		3/4"	41.3	67	54.7	420	6091
KF90S1216I	-12	3/4"	19		1"	47.6	73	54.7	420	6091
KF90S1616I	-16	1"	25.4		1"	47.6	75	70.6	415	6019
KF90S1620I	-16	1"	25.4		1.1/4"	54	80	74.6	415	6019
KF90S2020I	-20	1.1/4"	31.8		1.1/4"	54	97	87.7	415	6019
KF90S2024I	-20	1.1/4"	31.8		1.1/2"	63.5	99	87.7	415	6019
KF90S2424I	-24	1.1/2"	38.1		1.1/2"	63.5	113	99.5	345	5004

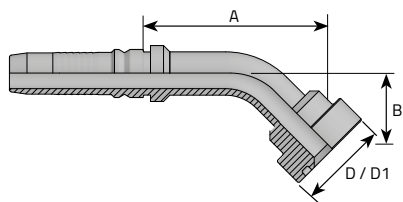
## INTERLOCK SUPERCAT FLANSZA - 90° KOLANO (wydłużana)



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciśnienie	
	D.N.	Wąż	∅		D	D1	B	A	Bar	Psi
		Inch	mm		Inch	mm	mm	mm		
KF90S1212ILD	-12	3/4"	19		3/4"	41.3	105.4	54.7	420	6091
KF90S1216ILD	-12	3/4"	19		1"	47.6	144.8	54.7	420	6091
KF90S1616ILD	-16	1"	25.4		1"	47.6	124.8	70.6	415	6019
KF90S2020ILD	-20	1.1/4"	31.8		1.1/4"	54	124	87.7	415	6019
KF90S2424ILD	-24	1.1/2"	38.1		1.1/2"	63.5	141.7	99.5	345	5004

## INTERLOCK SUPERCAT FLANSZA 45° KOLANO



bez dołączonego o-ringa

Kod	Rura			Gwint	Wymiary				Ciężnienie	
	D.N.	Wąż	ø		D	D1	B	A	Bar	Psi
	Inch	Inch	mm	Inch	mm	mm	mm			
KF45S1212I	-12	3/4"	19		3/4"	41.3	39	71.7	420	6091
KF45S1216I	-12	3/4"	19		1"	47.6	43	75.7	420	6091
KF45S1616I	-16	1"	25.4		1"	47.6	40	91.6	415	6019
KF45S1620I	-16	1"	25.4		1.1/4"	54	43	94.6	415	6019
KF45S2020I	-20	1.1/4"	31.8		1.1/4"	54	50	105.7	415	6019
KF45S2024I	-20	1.1/4"	31.8		1.1/2"	63.5	51	106.7	415	6019
KF45S2424I	-24	1.1/2"	38.1		1.1/2"	63.5	49	118.5	345	5004

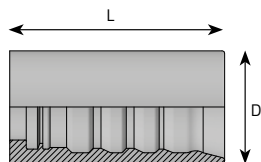


# Waterblast

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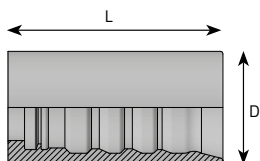
## TULEJA DLA WATERBLAST 4SP



Podwójne skórowanie

Kod	Rura			Gwint	Wymiary		Ciężnienie
	D.N.	Waż	∅		D	L	
		Inch	mm		mm	mm	
WB4-06	-6	3/8"	9.5		30	57.5	
<b>WB4-08</b>	<b>-8</b>	<b>1/2"</b>	<b>12.8</b>		<b>34</b>	<b>65</b>	
WB4-12	-12	3/4"	19		45	69	

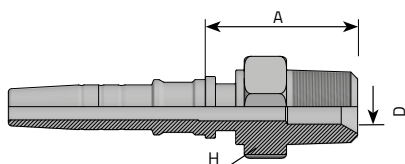
## TULEJA DLA WATERBLAST 6SP



Podwójne skórowanie

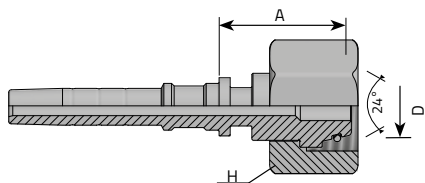
Kod	Rura			Gwint	Wymiary		Ciśnienie
	D.N.	Waż	ø		D	L	
		Inch	mm		mm	mm	
WB6-08	-8	1/2"	12.8		38	64.5	
WB6-12	-12	3/4"	19		48	69	

## INTERLOCK NPTF MĘSKA DLA WATERBLAST



Kod	Rura		Gwint		Wymiary			Ciężnienie		
	D.N.	Wąż	ø	T	t/1"	H	A	D	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
KMNPTF0606WB -6	3/8"	9.5	3/8"	18	22	38	8.5			
KMNPTF0808WB -8	1/2"	12.8	1/2"	10	27	44.6	10			
KMNPTF1212WB -12	3/4"	19	3/4"	15	32	49.4	15			

## INTERLOCK METRYCZNA ŻEŃSKA DLA WATERBLAST



Kod	Rura		Gwint		Wymiary				Ciśnienie	
	D.N.	Waż	ø	T	t/1"	H	A	D	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
KFE0622S14WB	-6	3/8"	9.5	M22 x 1.5	14	27	32	4.8		
KFE0624S16WB	-6	3/8"	9.5	M24 x 1.5	16	32	34.2	6.3		
KFE0824S16WB	-8	1/2"	12.8	M24 x 1.5	16	32	35.4	6.3		
KFE1236S25WB	-12	3/4"	19	M36 x 2	25	46	44.7	12		

