

Elementy łączne

Hydraulic adaptors







Profil Firmy HYDRO **Doświadczenie i profesjonalizm**

HYDRO ZNPHS Sp. z o.o. zostało założone w 1988 roku w Bielsku-Białej. Przedmiotem działalności firmy od początku istnienia była produkcja, handel i naprawa elementów hydrauliki siłowej. Lata doświadczeń oraz wymagania Klientów przyczyniły się do stopniowego rozszerzenia działalności. W efekcie HYDRO zakładane przy udziale niewielkiego kapitału oraz bez bazy lokalowej aktualnie zajmuje ponad 6000m² powierzchni użytkowej i zatrudnia ponad 100 osób.

Obecnie HYDRO koncentruje swoją działalność na handlu oraz produkcji elementów hydrauliki siłowej. Konsekwentna polityka rozwoju prowadzona przez HYDRO doprowadziła do osiągnięcia wysokiego poziomu sprzedaży, a zarazem do zdobycia silnej pozycji na rynku. Nawiązane kontakty z cionymi i znanymi liderami w branży hydraulicznej, intensywna i wytrwała praca oraz postęp techniczny przyczyniły się do profesjonalnej, szybkiej i fachowej obsługi Klientów, gwarantując usługi najwyższej jakości.

Bardzo dobra znajomość źródeł pochodzenia produktów, bezpośredni dostęp do producentów oraz wieloletnia współpraca z nimi, umożliwia HYDRO dostarczenie wysokiej jakości towaru w bardzo konkurencyjnych cenach. Na przestrzeni ponad 25 lat dojrzała i ugruntowała się stabilna i profesjonalna kadra pracownicza w każdym dziale firmy.

W miarę rozwoju firmy rozszerzał się automatycznie zakres oferowanych wyrobów.

W obszarze oferowanych produktów można wyodrębnić:

- produkcję własną: układy hydrauliczne, zasilacze, minizasilacze, cylindry, agregaty, przewody hydrauliczne,
- ofertę handlową: pełny zakres komponentów stosowanych w hydraulice siłowej.

Każda nasza nowa inwestycja ma na celu podniesienie poziomu technicznego obsługi Klienta oraz możliwość zaoferowania towaru o najwyższej jakości. Planujemy następne poważne inwestycje. Mamy nadzieję, że konsekwentnie będziemy w stanie jeszcze sprawniej realizować Państwa oczekiwania.

HYDRO company's profile **Experience and professionalism**

HYDRO ZNPHS Sp. z o.o. was established in 1988 in Bielsko-Biała. From the beginning the company was focused on the production, sale and repair of power hydraulics components. Years of experiences and customer's requirements have contributed to the gradual development of our business. As a result the company founded with really small capital and without any place of business, currently takes 6000 sq. m of usable area and employs over 100 people.

Nowadays HYDRO focuses its business on sale and manufacturing of the power hydraulics components. Our consistent development policy carried out achievement of high level in sales and the strong market position. Established contacts with well-known and respected leaders in the hydraulic world the intensive and hard work, technical progress have contributed to professional, fast and competent custom service with the guarantee of the highest quality.

A very good knowledge of the product's sources, direct access to producers and the long-term cooperation with them allow HYDRO to provide high quality goods at very competitive prices. During 25 years the staff of our company has become matured, stable and professional in each section.

During our company's development, our offer increased automatically.

Our main fields are:

- own production: hydraulic systems, power packs and mini power packs, hydraulic cylinders, filtration units, hose assemblies,
- distribution: all components used in power hydraulics.

We invest in order to develop our customer service and to offer you only a high quality product. We are planning significant investments. We hope that we will be able to even better fulfill your expectations.



Polityka jakości firmy HYDRO
Partner godny zaufania

Celem działalności naszej firmy jest dostarczanie najwyższej jakości wyrobów, części oraz usług remontowych w zakresie hydrauliki siłowej. Wymagania i oczekiwania Klientów wyznaczają kierunek naszej działalności. Umiejętności poparte doświadczeniem oraz realizacja trafnych spostrzeżeń Klientów gwarantują satysfakcję obecnemu odbiorcy i stanowią rekomendację dla przyszłego.

Potwierdzeniem powyższych słów jest odnowienie przez nas certyfikatu ISO 9001:2009 oraz wprowadzenie systemu zarządzania środowiskowego ISO 14001:2005. Są to najbardziej rozpoznawalne normy. Posiadanie ich świadczy o wysokiej jakości oferowanych produktów.

Odnowienie przez nas Certyfikatu ISO 9001:2009 wiąże się z systemowym zarządzaniem zasobami, wiedzą i procesem obsługi klienta oraz zapewnia o sprawnym przepływie informacji na temat zadań oraz ich realizacji, jak również uruchamia proces ciągłego doskonalenia działalności firmy.

Wprowadzenie przez nas systemu zarządzania środowiskowego ISO 14001:2005 stwarza warunki przyjazne otoczeniu mające na celu zapobieganiu zanieczyszczeniom oraz minimalizowania negatywnego wpływu na środowisko naturalne.

HYDRO Quality Policy
A reliable partner

The purpose of our business is to provide quality powerhydraulics products, components and repair services. Requirements and expectations of our Customers determine the direction of our business. Skills supported with experience and implementing relevant remarks from Customers guarantee satisfaction of the current recipients and become a recommendation for the future ones.

Confirmation of these words is our renewal of the ISO 9001:2009 certification, and implementation of environmental management system ISO 14001:2005. These two standards are the most recognizable and provide high quality of our products.

ISO 9001:2009 certification relates to resource management system, knowledge and customer service. Moreover, it ensures the efficient flow of information about the tasks and their implementation, and also it activates the process of continuous improvement of the company.

The implementation of ISO 14001:2005 environmental management system prevents from contaminations, minimizes the negative impact on the environment and is environmentally friendly.

- Precyzyjna i zaawansowana technicznie produkcja.
- Największy, najbardziej kompleksowo wyposażony magazyn w Polsce.
- Pełna oferta dla małych, średnich i korporacyjnych przedsiębiorstw.
- Doświadczenie w branży i konsekwentny rozwój od ponad 25 lat.

- Precise and high advanced production technology.
- The biggest and well-equipped warehouse in Poland.
- An offer for small, medium and corporate enterprises.
- Over 25 years of experience in hydraulic branch and consistent development.

Dzięki doświadczeniu w branży, odpowiedzialności i terminowości pozyskaliśmy zaufanie wśród znanych i cenionych Producentów.

Thanks to our experience, responsibility and on time deliveries, we gained the trust and renown among well-known and valued manufacturers.

Celem naszej firmy jest dostarczenie Klientom towarów i usług najwyższej jakości.

A delivery of products and services of the highest quality is the aim of our company.



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Złącze produkowane zgodnie z normą **ISO 8434-1/DIN 2353** jest złączem mechanicznym z dwu-krawędziowym pierścieniem zacinającym w celu dwukrotnego zaciśnięcia na rurze.

Pierścień „B3” pomaga w szybkim montażu rur, unikając spawania, gwintowania i rozszerzenia (kielichowania) w ten sposób zapewniając maksymalną prostotę dla złożonych systemów hydraulicznych.

Podczas dokręcania nakrętki, pierścień odkształca się wzdłuż otworu 24° stożka łącznika i wciną się w stalową rurę powodując dwa głębokie nacięcia, z których pierwszy jest widoczny z powodu podniesienia zewnętrznej krawędzi na średnicy rury, zapewniając szczelność. Drugi rowek (niewidoczny) równoważy siły na całym pierścieniu zapobiegając wibracjom z pierwszego rowka i powstrzymuje zaciskanie rury przy wstępnie wyznaczonej wartości.

Patrz rysunek numer 1.

Złącze produkowane zgodnie z normą **ISO 8434-1/DIN 2353** jest złączem mechanicznym z dwu-krawędziowym pierścieniem zacinającym w celu dwukrotnego zaciśnięcia na rurze.

„B4” jest bardzo innowacyjnym, odkształcalnym, podwójnym zaciskiem, dwu-krawędziowym pierścieniem z podwójnym uszczelnieniem elastomerowym. Montowany jest zgodnie z dobrze znanymi technikami i jest całkowicie zamienny z wszystkimi typami pierścieni stosowanych w złączach ze stożkiem 24° zgodnie z normą ISO 8434-1/DIN 2353.

Pierścień pomaga w szybkim montażu rur, unikając spawania, gwintowania i rozszerzenia (kielichowania), w ten sposób zapewniając maksymalną prostotę złożonych systemów hydraulicznych. Podczas dokręcania nakrętki, pierścień odkształca się wzdłuż otworu 24° stożka łącznika i wciną się w stalową rurę powodując dwa głębokie nacięcia, z których pierwszy jest widoczny z powodu podniesienia zewnętrznej krawędzi na średnicy rury, zapewniając szczelność. Drugi rowek (niewidoczny) równoważy siły na całym pierścieniu zapobiegając wibracjom z pierwszego rowka i powstrzymuje zaciskanie rury przy wstępnie wyznaczonej wartości.

Patrz rysunek numer 2.

The fitting, manufactured according to **ISO 8434-1/DIN 2353**, is a mechanical fitting with a double cutting edge ring for double stapling on the tube.

The „B3” ring helps fast assembly of removable tubes, avoids welding, tapping and flaring, thus assuring maximum simplicity for complex oleo-dynamic systems. During tightening by the nut, the ring deforms according to the bore of the 24° cone of the fitting and bites into the steel tube, producing two deep cuts, the first of which is visible due to the lifting of an outer edge on the diameter of the tube, ensuring water tightness and anti-unthreading of the ring. The second groove (invisible) balances the forces on the whole ring, prevents vibrations from reaching the first groove and stops the stapling of the tube at a predetermined value.

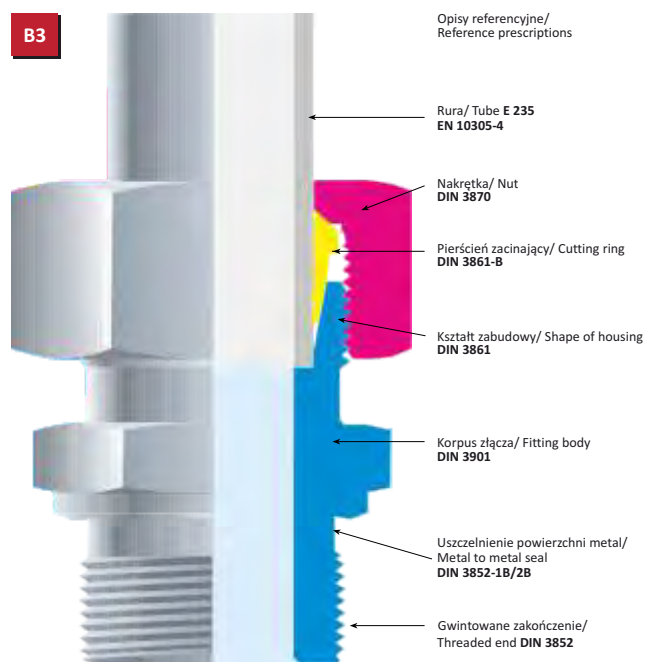
See drawing No. 1.

The fitting, manufactured according to **ISO 8434-1/DIN 2353**, is a mechanical fitting with a double cutting edge ring for double stapling on the tube.

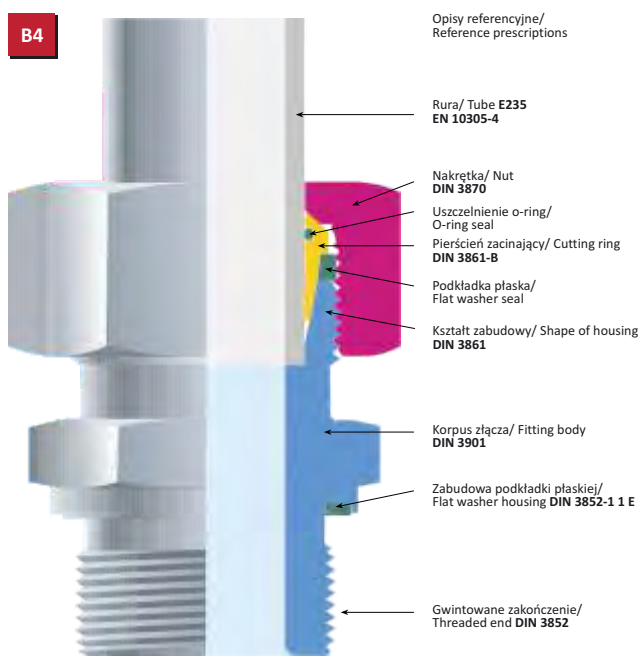
„B4” is a highly innovative, deformable, double clinching, double edge ring with double elastomer seal. It is assembled according to well-known techniques and is perfectly interchangeable with all types of rings used on 24° cone fittings complying with ISO 8434-1/DIN 2353 standards.

The ring helps fast assembly of removable tubes, avoids welding, tapping and flaring, thus assuring maximum simplicity for complex oleo-dynamic systems. During tightening by the nut, the ring deforms according to the bore of the 24° cone of the fitting and bites into the steel tube, producing two deep cuts, the first of which is visible due to the lifting of an outer edge on the diameter of the tube, ensuring water tightness and anti-unthreading of the ring. The second groove (invisible) balances the forces on the whole ring, prevents vibrations from reaching the first groove and stops the stapling of the tube at a predetermined value.

See drawing No. 2.

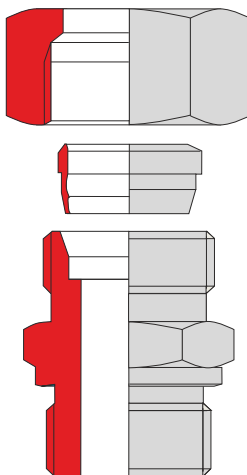


Rysunek numer 1/ Drawing number 1



Rysunek numer 2/ Drawing number 2

DIN 2353 Metryczne Metric



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Tabela ustalenia typu i rozmiaru gwintu
 Thread size chart

Typoszereg rur i gwintów
 Standards for tubes and threads

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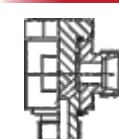
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BSP/M

1013__1



BSP/M

1015__1



BSP/M

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BSP/M

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BSP/M

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BSP/M

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M

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M

1014__1



M

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M

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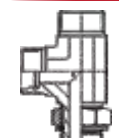
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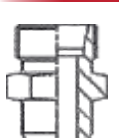
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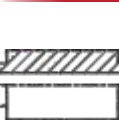
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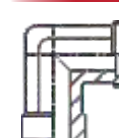
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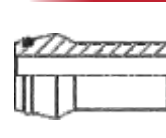
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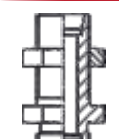
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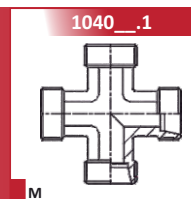
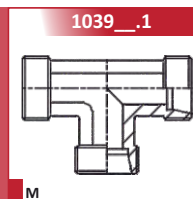
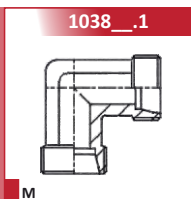
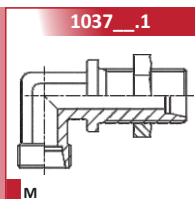


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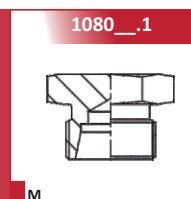
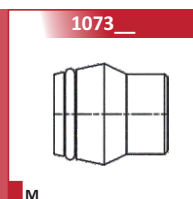
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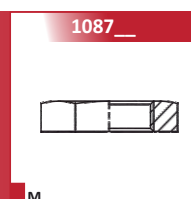
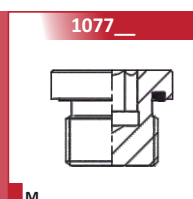
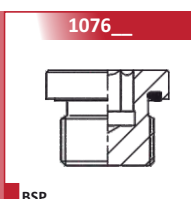
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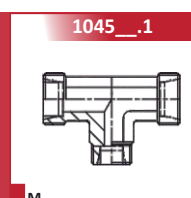
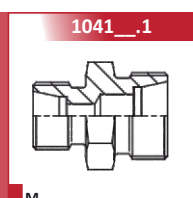
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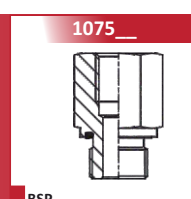
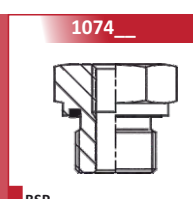
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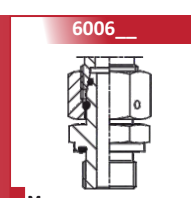
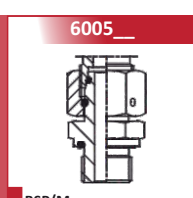
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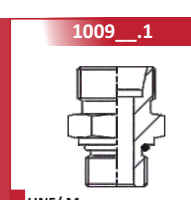
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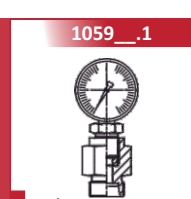
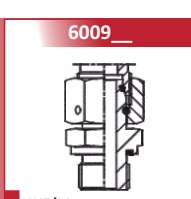
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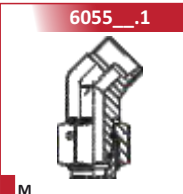
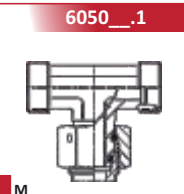
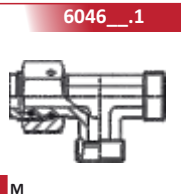
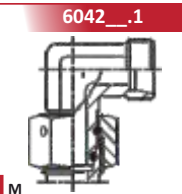
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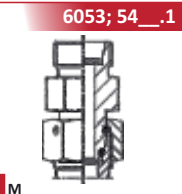
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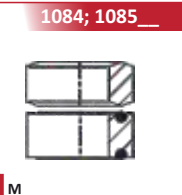
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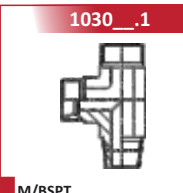
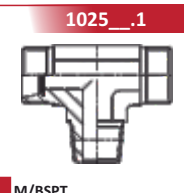
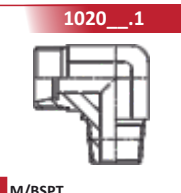
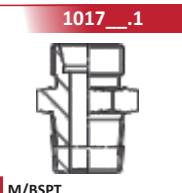
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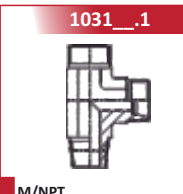
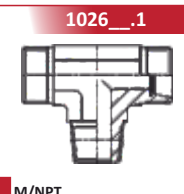
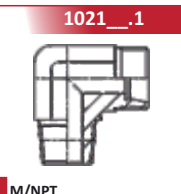
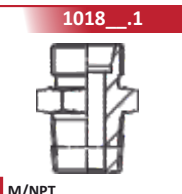
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Pomiar średnicy / Diameter measurement		Rodzaje gwintów / Types of threads			
Średnica zewnętrzna Outer diameter C (mm)	Średnica wewnętrzna Internal diameter L (mm)	Całowy rurowy BSP, BSPT Inch tube	Metryczny Metric	Całowy UNF (JIC, ORFS) Inch UNF	Całowy NPT, NPTF Inch NPT, NPTF
7,8 – 8,0	6,8 – 7,0		M8x1		
9,3 – 9,7	8,5 – 8,9	1/8" - 28			
9,3 – 9,7	8,5 – 8,9				1/8" - 27
9,7 – 9,9	8,2 – 8,6		M10x1,5		
9,7 – 9,9	8,7 – 9,1		M10x1		
10,9 – 11,1	9,7 – 10,0			7/16" - 20	
11,6 – 11,9	10,2 – 10,6		M12x1,5		
12,4 – 12,7	11,3 – 11,6			1/2" - 20	
12,9 – 13,1	11,4 – 11,9	1/4" - 19			
12,9 – 13,1	11,4 – 11,9				1/4" - 18
13,6 – 13,9	12,2 – 12,6		M14x1,5		
14,0 – 14,3	12,7 – 13,0			9/16" - 18	
15,6 – 15,9	14,2 – 14,6		M16x1,5		
16,3 – 16,6	14,9 – 15,4	3/8" - 19			
16,3 – 16,6	14,9 – 15,4				3/8" - 18
17,1 – 17,4	15,8 – 16,1			11/16" - 16	
17,6 – 17,9	16,2 – 16,6		M18x1,5		
18,7 – 19,0	17,3 – 17,6			3/4" - 16	
19,6 – 19,9	18,2 – 18,6		M20x1,5		
20,3 – 20,6	18,9 – 19,3			13/16" - 16	
20,5 – 20,9	18,6 – 19,0	1/2" - 14			
20,7 – 21,1	18,3 – 18,7				1/2" - 14
21,6 – 21,9	20,2 – 20,6		M22x1,5		
22,0 – 22,2	20,2 – 20,5			7/8" - 14	
22,6 – 22,9	20,6 – 21,0	5/8" - 14			
23,6 – 23,9	22,2 – 22,6		M24x1,5		
25,1 – 25,4	23,4 – 23,8			1" - 14	
25,6 – 25,9	24,2 – 24,6		M26x1,5		
26,1 – 26,4	24,1 – 24,5	3/4" - 14			
26,3 – 26,7	23,7 – 24,1				3/4" - 14
26,6 – 26,9	24,3 – 24,7			1.1/16" - 12	
26,6 – 26,9	24,6 – 25,0		M27x2		
26,6 – 26,9	25,2 – 25,6		M27x1,5		
27,6 – 27,9	26,2 – 26,6		M28x1,5		
29,6 – 29,9	27,4 – 27,8		M30x2		
29,6 – 29,9	28,2 – 28,6		M30x1,5		
29,8 – 30,1	27,6 – 27,9			1.3/16" - 12	
29,8 – 30,2	27,8 – 28,1	7/8" - 14			
32,6 – 32,9	30,5 – 30,9		M33x2		
32,6 – 32,9	31,2 – 31,6		M33x1,5		
33,0 – 33,2	30,3 – 30,8	1" - 11			
33,0 – 33,3	30,8 – 31,2			1.5/16" - 12	
32,9 – 33,4	30,3 – 30,8				1" - 11,5
35,6 – 35,9	33,4 – 33,8		M36x2		
36,2 – 36,5	34,3 – 34,7			1.7/16" - 12	

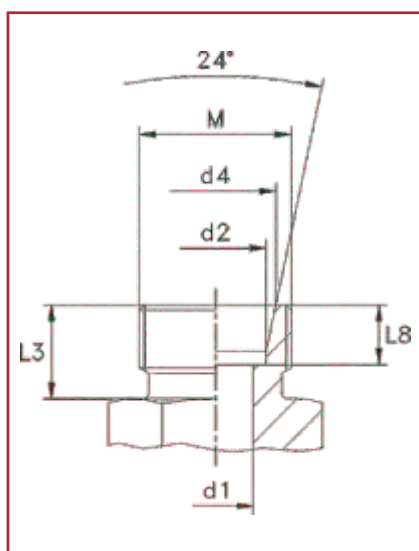




Pomiar średnicy / Diameter measurement		Rodzaje gwintów / Types of threads			
Średnica zewnętrzna Outer diameter C (mm)	Średnica wewnętrzna Internal diameter L (mm)	Całowy rurowy BSP, BSPT Inch tube	Metryczny Metric	Całowy UNF (JIC, ORFS) Inch UNF	Całowy NPT, NPTF Inch NPT, NPTF
37,6 – 37,9	34,8 – 35,1	1.1/8" - 11			
37,6 – 37,9	36,2 – 36,6		M38x1,5		
40,9 – 41,2	38,7 – 39,1			1.5/8" - 12	
41,6 – 41,9	39,4 – 39,8		M42x2		
41,5 – 41,9	39,0 – 39,5	1.1/4" - 11			
41,4 – 42,0	39,2 – 39,6				1.1/4" - 11,5
42,5 – 42,8	40,6 – 41,0			1.11/16" - 12	
44,6 – 44,9	42,4 – 42,8		M45x2		
44,6 – 44,9	43,2 – 43,6		M45x1,5		
47,3 – 47,6	45,1 – 45,5			1.7/8" - 12	
47,4 – 47,8	44,8 – 45,3	1.1/2" - 11			
47,3 – 47,9	45,1 – 45,5				1.1/2" - 11,5
50,5 – 50,8	48,6 – 49,0			2" - 12	
51,6 – 51,9	49,4 – 49,6		M52x2		
51,6 – 51,9	50,2 – 50,6		M52x1,5		
59,4 – 59,8	56,5 – 56,8	2" - 11			
59,9 – 60,2	56,4 – 56,7				2" - 11,5
63,3 – 63,6	61,3 – 61,8			2.1/2" - 12	
64,6 – 64,9	62,6 – 63,0		M65x2		
65,4 – 65,7	62,7 – 63,0	2.1/4" - 11			
72,7 – 73,0	68,8 – 69,1				2.1/2" - 8
74,9 – 75,2	72,2 – 72,5	2.1/2" - 11			
87,5 – 87,9	84,9 – 85,3	3" - 11			
88,5 – 88,9	84,7 – 85,1				3" - 8
112,6 – 113,0	110,1 – 110,5	4" - 11			
113,9 – 114,3	110,2 – 110,6				4" - 8
129,4 – 129,8	123,2 – 124,0		M130x6		
138,0 – 138,4	135,5 – 135,9	5" - 11			
139,4 – 139,7	127,5 – 127,9			5.1/2" (DIN11)	
139,8 – 141,3	–				5" - 8
163,4 – 163,8	160,9 – 161,4	6" - 11			
167,8 – 168,3	–				6" - 8
218,5 – 219,0	–				8" - 8



Seria Series	Ciśnienie Pressure	Ø Rury Tube	Gwint Thread	d1	d2 ^{B11}	d4 ^{+0,1}	L3	L8 ^{+0,3}
LL super lekka very light	100	4	M 8x1	3	4	5	8	4
		6	M 10x1	4,5	6	7,5	8	5,5
		8	M 12x1	6	8	9,5	9	5,5
L lekka light	250	6	M 12x1,5	4	6	8,1	10	7
		8	M 14x1,5	6	8	10,1	10	7
		10	M 16x1,5	8	10	12,3	11	7
		12	M 18x1,5	10	12	14,3	11	7
		15	M 22x1,5	12	15	17,3	12	7
		16	M 22x1,5	-	-	-	-	-
	160	18	M 26x1,5	15	18	20,3	12	7,5
		18	M 27x2	-	-	-	-	-
		22	M 30x2	19	22	24,3	14	7,5
	100	28	M 36x2	24	28	30,3	14	7,5
		35	M 45x2	30	35	38	16	10,5
		42	M 52x2	36	42	45	16	11
S ciężka heavy	630	6	M 14x1,5	4	6	8,1	12	7
		8	M 16x1,5	5	8	10,1	12	7
		10	M 18x1,5	7	10	12,3	12	7,5
		12	M 20x1,5	8	12	14,3	12	7,5
		14	M 22x1,5	10	14	16,3	14	8
	400	16	M 24x1,5	12	16	18,3	14	8,5
		20	M 30x2	16	20	22,9	16	10,5
		25	M 36x2	20	25	27,9	18	12
	250	30	M 42x2	25	30	33	20	13,5
		38	M 52x2	32	38	41	22	16

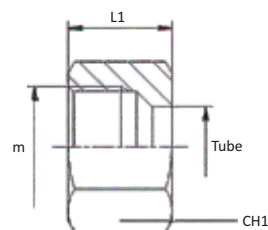


Seria Series	Ciśnienie Pressure (bar)	1002__	Ø Rury Tube	m	L1	CH1
LL	100	100201	4	8x1	11	10
		100202	6	10x1	11,5	12
		100203	8	12x1	12	14
L	500	100204	6	12x1,5	14,5	14
		100205	8	14x1,5	14,5	17
		100206	10	16x1,5	15,5	19
	400	100207	12	18x1,5	15,5	22
		100208	15	22x1,5	17	27
		100208.2	16	22x1,5	17	27
		100209	18	26x1,5	18	32
		100209.2	18	27x2	20	32
	250	100210	22	30x2	20	36
		100211	28	36x2	21	41
		100212	35	45x2	24	50
		100213	42	52x2	24	60
S	800	100214	6	14x1,5	16,5	17
		100215	8	16x1,5	16,5	19
		100216	10	18x1,5	17,5	22
	630	100217	12	20x1,5	17,5	24
		100218	14	22x1,5	20,5	27
		100219	16	24x1,5	20,5	30
	420	100220	20	30x2	24	36
		100221	25	36x2	27	46
		100222	30	42x2	29	50
		100223	38	52x2	32,5	60

Nakrętka
Tightening nut



1002__



Seria Series	Ciśnienie Pressure (bar)	1001__	Ø Rury Tube	L1	D1	D2	1001__.4
LL	100	100101	4	6	6	-	-
		100102	6	7	8	-	-
		100103	8	7	10	-	-
L	500	100104	6	9,5	10	10	100104.4
		100105	8	9,5	12	12	100105.4
		100106	10	10	14	14	100106.4
	400	100107	12	10	16	16	100107.4
		100108	15	10	19	20	100108.4
		100108.PL	16	10	19	20	-
		100109	18	10	23	20	100109.4
	250	100110	22	10,5	27	27	100110.4
		100111	28	11	33	33	100111.4
		100112	35	13	41	41	100112.4
		100113	42	13	48	48	100113.4
S	800	100104	6	9,5	10	10	100114.4
		100105	8	9,5	12	12	100115.4
		100106	10	10	14	14	100116.4
	630	100107	12	10	16	16	100117.4
		100118	14	10	19	19	100118.4
		100119	16	10,5	21	21	100119.4
	420	100120	20	12	26	26	100120.4
		100121	25	12	32	32	100121.4
		100122	30	13	36	38	100122.4
		100123	38	13	44	48	100123.4

Pierścień zacinający
Cutting ring

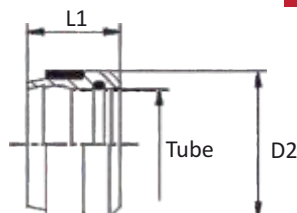
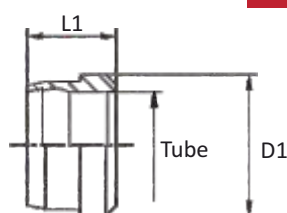


1001__

Pierścień zacinający z dodatkowym pierścieniem gumowym
Cutting ring with elastomer seal



1001__.4

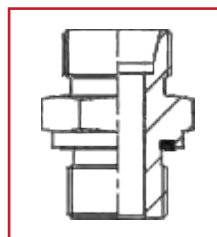




BSP/ M

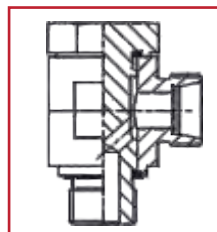
Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1005__1	1013__1	1015__1	1049__1
LL	4	1/8	100	100501.1	101301.1	-	-
	6	1/8		100502.1	101302.1	-	-
	8	1/8		100503.1	101303.1	-	-
L	6	1/8	315	100504.1	101304.1	101504.1	104904.1
	6	1/4		100524.1	-	-	-
	6	3/8		100553.1	-	-	-
	8	1/8		100525.1	-	-	-
	8	1/4		100505.1	101305.1	101505.1	104905.1
	8	3/8		100526.1	-	-	-
	8	1/2		100527.1	-	-	-
	10	1/8		100528.1	-	-	-
	10	1/4		100506.1	101306.1	101506.1	104906.1
	10	3/8		100529.1	-	-	-
	10	1/2		100530.1	-	-	-
	10	3/4		100590.1	-	-	-
	12	1/4		100531.1	-	-	-
	12	3/8		100507.1	101307.1	101507.1	104907.1
	12	1/2		100532.1	-	-	-
	12	3/4		100591.1	-	-	-
	15	3/8		100533.1	-	-	-
	15	1/2		100508.1	101308.1	101508.1	104908.1
	15	3/4		100548.1	-	-	-
	15	1		100592.1	-	-	-
	18	1/2		100509.1	101309.1	101509.1	104909.1
	18	3/8		100593.1	-	-	-
	18	3/4		100534.1	-	-	-
	22	1/2	160	100549.1	-	-	-
	22	3/4		100510.1	101310.1	101510.1	104910.1
	22	1		100550.1	-	-	-
	28	3/4		100551.1	-	-	-
	28	1		100511.1	101311.1	101511.1	104911.1
	28	1 1/2		100594.1	-	-	-
	35	1		100552.1	-	-	-
	35	1 1/4		100512.1	101312.1	101512.1	104912.1
	42	1 1/4		100554.1	-	-	-
	42	1 1/2		100513.1	101313.1	101513.1	104913.1
S	6	1/4	630	100514.1	101314.1	101514.1	104914.1
	6	3/8		100595.1	-	-	-
	8	1/4		100515.1	101315.1	101515.1	104915.1
	8	3/8		100541.1	-	-	-
	8	1/2		100596.1	-	-	-
	10	1/4		100542.1	-	-	-
	10	3/8		100516.1	101316.1	101516.1	104916.1
	10	1/2		100543.1	-	-	-
	12	1/4		100544.1	-	-	-
	12	3/8		100517.1	101317.1	101517.1	104917.1
	12	1/2		100535.1	-	-	-
	14	3/8		100536.1	-	-	-
	14	1/2		100518.1	101318.1	101518.1	104918.1
	16	1/4		100597.1	-	-	-
	16	3/8		100537.1	-	-	-
	16	1/2	400	100519.1	101319.1	101519.1	104919.1
	16	3/4		100545.1	-	-	-
	20	1/2		100538.1	-	-	-
	20	3/4		100520.1	101320.1	101520.1	104920.1
	20	1		100546.1	-	-	-
	25	3/4		100539.1	-	-	-
	25	1		100521.1	101321.1	101521.1	104921.1
	30	1		100540.1	-	-	-
	30	1 1/4		100522.1	101322.1	101522.1	104922.1
	38	1 1/4	315	100547.1	-	-	-
	38	1 1/2		100523.1	101523.1	101523.1	104923.1

Korpus przyłączy prostej z gwintem calowym BSP z uszczelnieniem płaskim
Male stud with elastomer thread BSP parallel



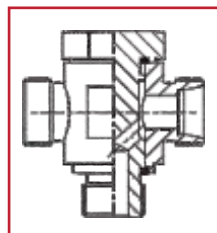
1005__1

**Korpus przyłączy kolankowej z gwintem calowym BSP-
typ Banjo z uszczelnieniem płaskim**
Banjo coupling with elastomer seal thread
BSP parallel



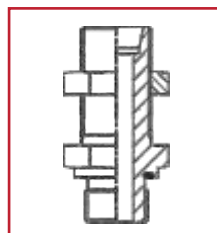
1013__1

**Korpus przyłączy trójkątowej z gwintem calowym BSP-
typ Banjo z uszczelnieniem płaskim**
Banjo tee coupling with allow screw and elastomer
seal- thread BSP parallel



1015__1

**Korpus przyłączy grodziowej z gwintem calowym
BSP z uszczelnieniem płaskim**
Bulkhead straight connection
BSP with elastomer seal

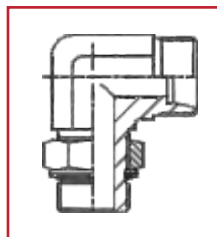


1049__1

BSP/ M

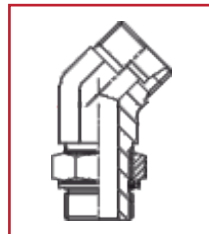
Serial Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1061__1	1064__1	1067__1	1070__1
LL	4	1/8	100	-	-	-	-
	6	1/8		-	-	-	-
	8	1/8		-	-	-	-
L	6	1/8	315	106104.1	106404.1	106704.1	107004.1
	6	1/4		-	-	-	-
	6	3/8		-	-	-	-
	8	1/8		-	-	-	-
	8	1/4		106105.1	106405.1	106705.1	107005.1
	8	3/8		-	-	-	-
	8	1/2		-	-	-	-
	10	1/8		-	-	-	-
	10	1/4		106106.1	106406.1	106706.1	107006.1
	10	3/8		-	-	-	-
	10	1/2		-	-	-	-
	12	1/4		-	-	-	-
	12	3/8	250	106107.1	106407.1	106707.1	107007.1
	12	1/2		-	-	-	-
	15	3/8		-	-	-	-
	15	1/2		106108.1	106408.1	106708.1	107008.1
	15	3/4		-	-	-	-
	18	1/2		106109.1	106409.1	106709.1	107009.1
	18	3/4	160	-	-	-	-
	22	1/2		-	-	-	-
	22	3/4		106110.1	106410.1	106710.1	107010.1
	22	1		-	-	-	-
	28	3/4		-	-	-	-
	28	1		106111.1	106411.1	106711.1	107011.1
	35	1	315	-	-	-	-
	35	1.1/4		106112.1	106412.1	106712.1	107012.1
	42	1.1/4		-	-	-	-
	42	1.1/2		106113.1	106413.1	106713.1	107013.1
	6	1/4		106114.1	106414.1	106714.1	107014.1
	8	1/4		106115.1	106415.1	106715.1	107015.1
S	8	3/8	250	-	-	-	-
	10	1/4		-	-	-	-
	10	3/8		106116.1	106416.1	106716.1	107016.1
	10	1/2		-	-	-	-
	12	1/4		-	-	-	-
	12	3/8		106117.1	106417.1	106717.1	107017.1
	12	1/2	200	-	-	-	-
	14	3/8		-	-	-	-
	14	1/2		106118.1	106418.1	106718.1	107018.1
	16	3/8		-	-	-	-
	16	1/2		106119.1	106419.1	106719.1	107019.1
	16	3/4		-	-	-	-
	20	1/2	160	-	-	-	-
	20	3/4		106120.1	106420.1	106720.1	107020.1
	20	1		-	-	-	-
	25	3/4		-	-	-	-
	25	1		106121.1	106421.1	106721.1	107021.1
	30	1		-	-	-	-
	30	1.1/4	160	106122.1	106422.1	106722.1	107022.1
	38	1.1/4		-	-	-	-
	38	1.1/2		106123.1	106423.1	106723.1	107023.1

Korpus przyłączy kolankowej 90° z gwintem calowym/ metrycznym, przeciwnakrętką, pierścieniem uszczelniającym (o-ring) i podkładką
Adjustable DIN male stud elbow with o-ring and washer



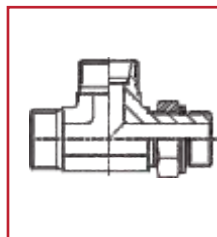
1061__1

Korpus przyłączy kolankowej z gwintem calowym BSP-45° z pierścieniem uszczelniającym (o-ring) przeciwnakrętką i podkładką
Adjustable DIN Male 45° stud elbow BSP thread parallel with o-ring and washer



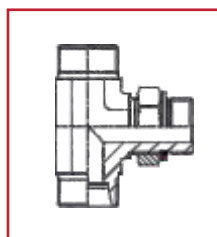
1064__1

Korpus przyłączy trójnikowej z gwintem calowym BSP- (niesymetryczny) z pierścieniem uszczelniającym (o-ring), przeciwnakrętką i podkładką
Adjustable DIN male stud barrel tee with o-ring and washer, thread BSP



1067__1

Korpus przyłączy trójnikowej z gwintem calowym BSP- (symetryczny) z pierścieniem uszczelniającym (o-ring), przeciwnakrętką i podkładką
Adjustable DIN male stud branch tee with o-ring and washer, thread BSP



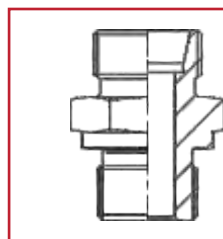
1070__1



M

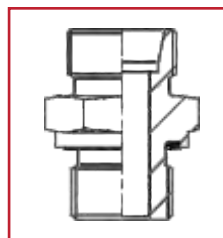
Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1004__1	1006__1	1014__1	1016__1
LL	4	8x1	100	-	100601.1	101401.1	-
	4	10x1		-	-	-	-
	6	10x1		-	100602.1	101402.1	-
	8	10x1		-	100603.1	101403.1	-
L	6	10x1	315	100404.1	100604.1	101404.1	101604.1
	6	12x1,5		-	100691.1	-	-
	8	10x1		100441.1	100641.1	-	-
	8	12x1,5		100405.1	100605.1	101405.1	101605.1
	8	14x1,5		-	100692.1	-	-
	8	18x1,5		100425.1	100625.1	-	-
	8	18x1,5		-	100693.1	-	-
	10	12x1,5		-	100694.1	-	-
	10	14x1,5		100406.1	100606.1	101406.1	101606.1
	10	16x1,5		100426.1	100626.1	-	-
	10	18x1,5		100427.1	100627.1	-	-
	10	22x1,5		100428.1	100628.1	-	-
	12	14x1,5		100429.1	100629.1	-	-
	12	16x1,5		100407.1	100607.1	101407.1	101607.1
	12	18x1,5		100430.1	100630.1	-	-
	12	22x1,5		100431.1	100631.1	-	-
	15	16x1,5	160	100432.1	100632.1	-	-
	15	18x1,5		100408.1	100608.1	101408.1	101608.1
	15	22x1,5		100433.1	100633.1	-	-
	15	26x1,5		-	100695.1	-	-
	15	27x2		-	100696.1	-	-
	18	18x1,5		100434.1	100634.1	-	-
	18	22x1,5		100409.1	100609.1	101409.1	101609.1
	22	22x1,5		100435.1	100635.1	-	-
	22	26x1,5		100410.1	100610.1	101410.1	101610.1
	28	27x2		-	100697.1	-	-
	28	26x1,5		-	-	-	-
	28	33x2		100411.1	100611.1	101411.1	101611.1
	28	42x2		-	-	-	-
	35	42x2		100412.1	100612.1	101412.1	101612.1
	42	48x2		100413.1	100613.1	101413.1	101613.1
S	6	12x1,5	630	100414.1	100614.1	101414.1	101614.1
	8	14x1,5		100415.1	100615.1	101415.1	101615.1
	10	16x1,5		100416.1	100616.1	101416.1	101616.1
	12	18x1,5		100417.1	100617.1	101417.1	101617.1
	12	22x1,5		100436.1	100636.1	-	-
	14	20x1,5		100418.1	100618.1	101418.1	101618.1
	16	18x1,5		100437.1	100637.1	-	-
	16	22x1,5		100419.1	100619.1	101419.1	101619.1
	20	22x1,5	400	100438.1	100638.1	-	-
	20	27x2		100420.1	100620.1	101420.1	101620.1
	25	27x2		100439.1	100639.1	-	-
	25	33x2		100421.1	100621.1	101421.1	101621.1
	30	33x2		100440.1	100640.1	-	-
	30	42x2		100422.1	100622.1	101422.1	101622.1
	38	48x2	315	100423.1	100623.1	101423.1	101623.1

Korpus przyłączy prostej z gwintem metrycznym
Male stud coupling thread metric parallel



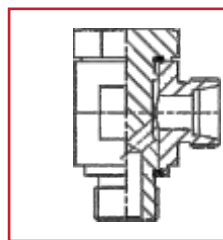
1004__1

Korpus przyłączy prostej metrycznej z uszczelnieniem płaskim
Male stud coupling with elastomer seal, thread metric parallel



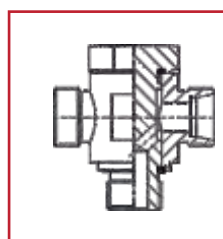
1006__1

Korpus przyłączy kolankowej z gwintem metrycznym typ Banjo z uszczelnieniem płaskim
Banjo coupling with allow screw and elastomer seal, thread metric parallel



1014__1

Korpus przyłączy trójkątowej typ Banjo z uszczelnieniem płaskim
Banjo tee coupling with allow screw and elastomer seal thread metric parallel

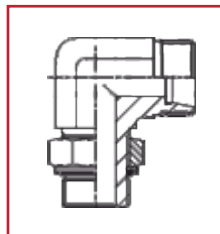


1016__1

M

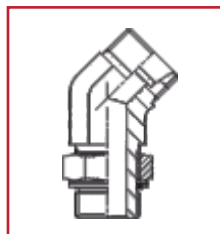
Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1062__1	1065__1	1068__1	1071__1
LL	4	8x1	100	-	-	-	-
	4	10x1		-	-	-	-
	6	10x1		-	-	-	-
	8	10x1		-	-	-	-
L	6	10x1	315	106204.1	106504.1	106804.1	107104.1
	8	10x1		-	-	-	-
	8	12x1,5		106205.1	106505.1	106805.1	107105.1
	8	14x1,5		106281.1	-	-	-
	8	18x1,5		-	-	-	-
	10	14x1,5		106206.1	106506.1	106806.1	107106.1
	10	16x1,5	315	106282.1	-	-	-
	10	18x1,5		106283.1	-	-	-
	10	22x1,5		106284.1	-	-	-
	10	20x1,5		106285.1	-	-	-
	12	14x1,5		106286.1	-	-	-
	12	16x1,5		106207.1	106507.1	106807.1	107107.1
	12	18x1,5		106287.1	-	-	-
	12	20x1,5		106288.1	-	-	-
	12	22x1,5		-	-	-	-
	15	16x1,5		106292.1	-	-	-
	15	18x1,5		106208.1	106508.1	106808.1	107108.1
	15	22x1,5	250	106293.1	-	-	-
	18	18x1,5		-	-	-	-
	18	22x1,5		106209.1	106509.1	106809.1	107109.1
	22	22x1,5		-	-	-	-
	22	26x1,5		-	-	-	-
	22	27x2	160	106210.1	106510.1	106810.1	107110.1
	28	33x2		106211.1	106511.1	106811.1	107111.1
	35	42x2		106212.1	106512.1	106812.1	107112.1
	42	48x2		106213.1	106513.1	106813.1	107113.1
S	6	12x1,5	315	106214.1	106514.1	106814.1	107114.1
	8	14x1,5		106215.1	106515.1	106815.1	107115.1
	10	16x1,5		106216.1	106516.1	106816.1	107116.1
	12	16x1,5		106289.1	-	-	-
	12	18x1,5		106217.1	106517.1	106817.1	107117.1
	12	20x1,5		106290.1	-	-	-
	12	22x1,5	250	106291.1	-	-	-
	14	20x1,5		106218.1	106518.1	106818.1	107118.1
	16	18x1,5		-	-	-	-
	16	22x1,5		106219.1	106519.1	106819.1	107119.1
	20	22x1,5		-	-	-	-
	20	27x2		106220.1	106520.1	106820.1	107120.1
	25	27x2	160	-	-	-	-
	25	33x2		106221.1	106521.1	106821.1	107121.1
	30	33x2		-	-	-	-
	30	42x2		106222.1	106522.1	106822.1	107122.1
	38	48x2		106223.1	106523.1	106823.1	107123.1

Korpus przyłączy kolankowej 90° z gwintem metrycznym, przeciwnakrętką, pierścieniem uszczelniającym (o-ring) i podkładką
Adjustable DIN male stud elbow with o-ring and washer



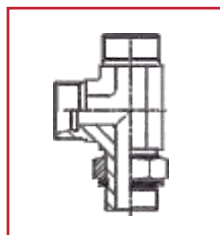
1062__1

Korpus przyłączy kolankowej 45° z gwintem metrycznym, pierścieniem uszczelniającym (o-ring), przeciwnakrętką i podkładką
Adjustable DIN male stud 45° elbow with o-ring and washer, thread metric parallel



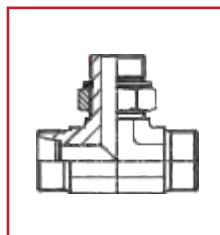
1065__1

Korpus przyłączy trójkątowej niesymetrycznej z gwintem metrycznym, uszczelnieniem (o-ring), przeciwnakrętką i podkładką
Adjustable DIN male stud barrel tee with o-ring and washer, thread metric parallel



1068__1

Korpus przyłączy trójkątowej symetrycznej z gwintem metrycznym, uszczelnieniem (o-ring), przeciwnakrętką i podkładką
Adjustable male stud branch tee with o-ring and washer, thread metric parallel



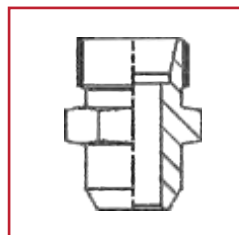
1071__1



M

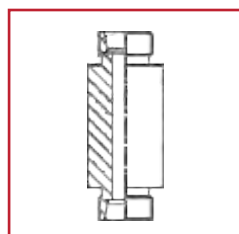
Seria Series	Ø Rury Tube	Ciśnienie Pressure (Bar)	1055__1	1056__1	1058__1
L	6	315	105504.1	105604.1	105804.1
	8		105505.1	105605.1	105805.1
	10		105506.1	105606.1	105806.1
	12		105507.1	105607.1	105807.1
	15		105508.1	105608.1	105808.1
	18		105509.1	105609.1	105809.1
	22	160	105510.1	105610.1	105810.1
	28		105511.1	105611.1	105811.1
	35		105512.1	105612.1	105812.1
	42		105513.1	105613.1	105813.1
S	6	630	105514.1	105614.1	105814.1
	8		105515.1	105615.1	105815.1
	10		105516.1	105616.1	105816.1
	12		105517.1	105617.1	105817.1
	14		105518.1	105618.1	105818.1
	16	400	105519.1	105619.1	105819.1
	20		105520.1	105620.1	105820.1
	25		105521.1	105621.1	105821.1
	30		105522.1	105622.1	105822.1
	38	315	105523.1	105623.1	105823.1

Złączka prosta do spawania metryczna
Welding boss



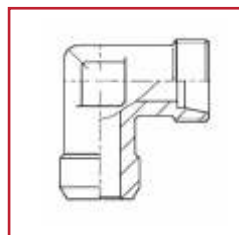
1055__1

Złączka grodziowa do spawania- metryczna
Welding bulkhead connection



1056__1

Złączka kolankowa 90° do spawania, metryczna
Welding elbow 90°



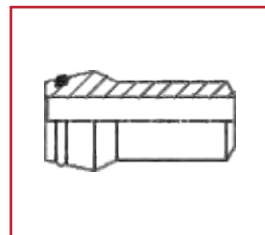
1058__1



M

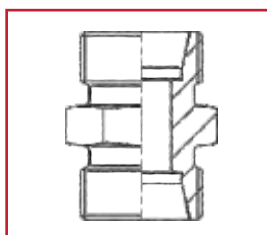
Seria Series	Ø Rury Tube	Grubość Thickness	Ciśnienie Pressure (bar)	1057__
L/S	6	1,75	630	105701
	8	2		105702
	10	1,5	315	105703
	10	2	400	105704
	12	1,5	315	105705
	12	2	400	105706
	12	2,5	630	105707
L	15	2,5	315	105708
	18	2,5		105709
	22	2,5	160	105710
	28	2,5		105711
	35	3		105712
	42	3		105713
S	14	3	400	105714
	16	2	250	105715
	16	2,5	315	105716
	16	3	400	105717
	20	2,5	250	105718
	20	3	315	105719
	20	4	400	105720
	25	3	250	105721
	25	4	315	105722
	25	5	400	105723
	30	3	160	105724
	30	4	250	105725
	30	5	315	105726
	30	6		105727
	38	3	160	105728
	38	5	250	105729
	38	6	315	105730

Końcówka do wstawiania z o-ringiem
Welding nipple with o-ring



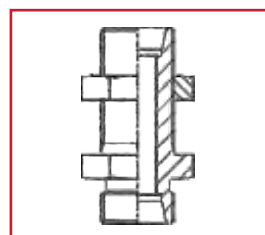
1057__

Korpus złączki prostej metrycznej
Straight coupling metric



1035__1

Korpus złączki prostej, grodziowej z gwintem metrycznym
Bulkhead coupling- metric



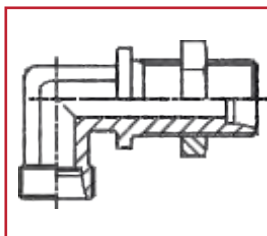
1036__1



M

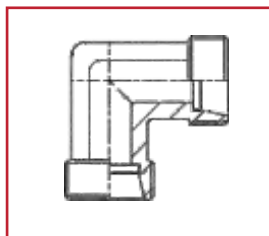
Seria Series	Ø Rury Tube	Ciśnienie Pressure (bar)	1035__1	1036__1	1037__1	1038__1	1039__1	1040__1
LL	4	100	103501.1	-	-	103801.1	103901.1	104001.1
	6		103502.1	-	-	103802.1	103902.1	104002.1
	8		103503.1	-	-	103803.1	103903.1	104003.1
L	6	315	103504.1	103604.1	103704.1	103804.1	103904.1	104004.1
	8		103505.1	103605.1	103705.1	103805.1	103905.1	104005.1
	10		103506.1	103606.1	103706.1	103806.1	103906.1	104006.1
	12		103507.1	103607.1	103707.1	103807.1	103907.1	104007.1
	15		103508.1	103608.1	103708.1	103808.1	103908.1	104008.1
	16 (22x1,5)		103508.2	-	-	103808.2	103908.2	-
	18 (27x2)		103509.2	-	-	103809.2	103909.2	-
	18	160	103509.1	103609.1	103709.1	103809.1	103909.1	104009.1
	22		103510.1	103610.1	103710.1	103810.1	103910.1	104010.1
	28		103511.1	103611.1	103711.1	103811.1	103911.1	104011.1
	35		103512.1	103612.1	103712.1	103812.1	103912.1	104012.1
	42		103513.1	103613.1	103713.1	103813.1	103913.1	104013.1
S	6	630	103514.1	103614.1	103714.1	103814.1	103914.1	104014.1
	8		103515.1	103615.1	103715.1	103815.1	103915.1	104015.1
	10		103516.1	103616.1	103716.1	103816.1	103916.1	104016.1
	12		103517.1	103617.1	103717.1	103817.1	103917.1	104017.1
	14		103518.1	103618.1	103718.1	103818.1	103918.1	104018.1
	16	400	103519.1	103619.1	103719.1	103819.1	103919.1	104019.1
	20		103520.1	103620.1	103720.1	103820.1	103920.1	104020.1
	25		103521.1	103621.1	103721.1	103821.1	103921.1	104021.1
	30		103522.1	103622.1	103722.1	103822.1	103922.1	104022.1
	38	315	103523.1	103623.1	103723.1	103823.1	103923.1	104023.1

Korpus złączki, grodziowej, kolankowej 90° z gwintem metrycznym
Bulkhead elbow 90° metric



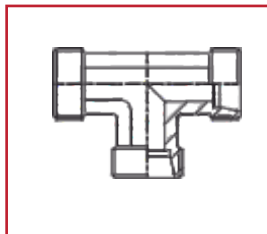
1037__1

Korpus złączki kolankowej 90° z gwintem metrycznym
Equal elbow 90° metric



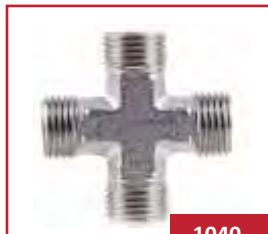
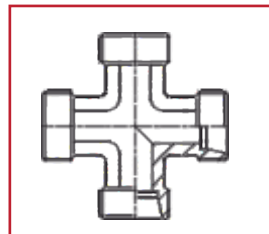
1038__1

Korpus złączki trójnikowej z gwintem metrycznym
Equal tee metric



1039__1

Korpus złączki czwórnikowej
Equal cross metric



1040__1

M/BSP

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1007 __.1
L	6	1/8	315	100704.1
	8	1/4		100705.1
	10	1/4		100706.1
	12	3/8		100707.1
	15	1/2		100708.1
	18	1/2		100709.1
	22	3/4	160	100710.1
	28	1		100711.1
	35	1 1/4		100712.1
	42	1 1/2		100713.1
S	6	1/4	630	100714.1
	8	1/4		100715.1
	10	3/8		100716.1
	12	3/8		100717.1
	14	1/2		100718.1
	16	1/2		100719.1
	20	3/4	400	100720.1
	25	1		100721.1
	30	1 1/4		100722.1
	38	1 1/2	315	100723.1

Seria Series	Ø Rury Tube	Ciśnienie Pressure (bar)	1073 __	1080 __.1
L	6	315	107304	108004.1
	8		107305	108005.1
	10		107306	108006.1
	12		107307	108007.1
	15		107308	108008.1
	18		107309	108009.1
	22	160	107310	108010.1
	28		107311	108011.1
	35		107312	108012.1
	42		107313	108013.1
S	6	630	107304	108014.1
	8		107305	108015.1
	10		107306	108016.1
	12		107307	108017.1
	14		107318	108018.1
	16	400	107319	108019.1
	20		107320	108020.1
	25		107321	108021.1
	30		107322	108022.1
	38	315	107323	108023.1

Korpus przyłączy prostej, z gwintem wewnętrznym calowym BSP

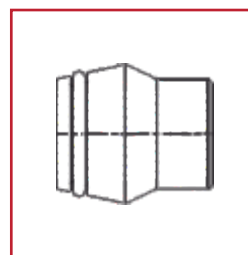
Female stud coupling thread BSP parallel



1007 __.1

Zaślepka z o-ringiem

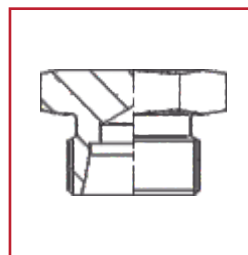
Blanking plug with o-ring



1073 __

Korek zaślepiający rurki hydrauliczne

Blanking plug for tube ends



1080 __.1

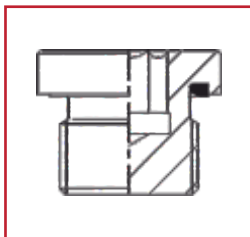


BSP

Seria Series	Gwint Thread	Ciśnienie Pressure (bar)	1076__
L/S	1/8	400	107601
	1/4		107602
	3/8		107603
	1/2		107604
	3/4		107605
	1		107606
	1 1/4	250	107607
	1 1/2		107608

Korek zamykający calowy pod klucz imbusowy z uszczelnieniem

Closure plug with hexagon socket head and elastomer seal thread BSP parallel



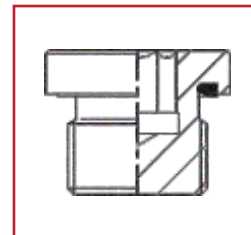
1076__

M

Seria Series	Gwint Thread	Ciśnienie Pressure (bar)	1077__
L/S	10x1	400	107701
	12x1,5		107702
	14x1,5		107703
	16x1,5		107704
	18x1,5		107705
	20x1,5		107706
	22x1,5		107707
	26x1,5		107708
	27x2		107709
	33x2	250	107710
	42x2		107711
	48x2		107712

Korek zamykający metryczny pod klucz imbusowy z uszczelnieniem

Closure plug with hexagon socket head and elastomer seal thread metric parallel



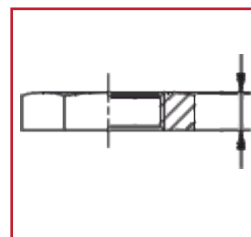
1077__

M

Seria Series	Ø Rury Tube	Ø Rury Tube	Gwint Thread	1087__
L/S	6 L	-	12x1,5	108704
	8 L	6 S	14x1,5	108705
	10 L	8 S	16x1,5	108706
	12 L	10 S	18x1,5	108707
	-	12 S	20x1,5	108708
	15 L	14 S	22x1,5	108709
	-	16 S	24x1,5	108710
	18 L	-	26x1,5	108711
	22 L	20 S	30x2	108712
	28 L	25 S	36x2	108713
	-	30 S	42x2	108714
	35 L	-	45x2	108715
	42 L	38 S	52x2	108716

Przeciwnakrętka metryczna

Locknut L/S



1087__

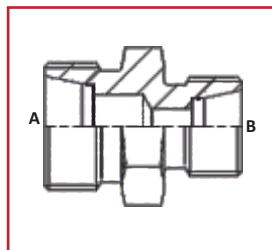
M

Seria Series	Ø Rury Tube			Ciśnienie Pressure (bar)	1041__1	1045__1
	A	B	C			
L	6	8	6	315	-	104503.1
	8	6	8		104104.1	104504.1
	6	10	6		-	104505.1
	8	10	8		-	104506.1
	10	6	10		104105.1	104507.1
	10	8	10		104106.1	104508.1
	10	10	6		-	104509.1
	8	12	8		-	104510.1
	12	6	12		104107.1	104511.1
	12	8	8		104108.1	104512.1
	12	8	12		-	104513.1
	12	10	10		104109.1	104514.1
	12	10	12		-	104515.1
	12	12	10		-	104516.1
	10	15	10		-	104517.1
	12	15	12		-	104518.1
	15	6	15		-	104519.1
	15	10	15		104110.1	104520.1
	15	12	12		104111.1	104521.1
	15	12	15		-	104522.1
	15	15	12		-	104523.1
	12	18	12		-	104524.1
	18	10	10		104112.1	104525.1
	18	10	18		-	104526.1
	18	12	18		104113.1	104527.1
	18	15	18		104114.1	104528.1
	18	18	10		-	104529.1
	22	10	22		-	104530.1
	22	12	22	160	104115.1	104531.1
	22	15	15		104116.1	104532.1
	22	15	22		-	104533.1
	22	18	18		104117.1	104534.1
	22	18	22		-	104535.1
	22	22	18		-	104536.1
	28	10	28		-	104537.1
	28	12	28		-	104538.1
	28	15	28		-	104539.1
	28	18	28		104118.1	104540.1
	28	22	22		104119.1	104541.1
	28	22	28		-	104542.1
	35	22	-		104120.1	-
	35	28	-		104121.1	104543.1
	8	6	-	630	104122.1	-
	10	6	10		104123.1	104543.1
	10	8	-		104124.1	-
	12	6	-		104125.1	-
S	12	8	8	400	104126.1	104544.1
	12	8	12		-	104545.1
	12	10	12		104127.7	104546.1
	12	16	12		-	104547.1
	14	10	-	630	104128.1	-
	14	12	-		104129.1	-
	16	6	16	400	-	104548.1
	16	8	16		-	104549.1
	16	10	16		-	104550.1
	16	12	16		104130.1	104551.1
	16	14	-	400	104131.1	-
	16	20	16		-	104552.1
	20	10	20		104132.1	104553.1
	20	12	20		104133.1	104554.1
	20	16	20		104134.1	104555.1
	20	25	20		-	104556.1
	25	16	25		104135.1	104557.1
	25	20	25		104136.1	104558.1
	25	30	25		-	104559.1
	30	20	-	315	104137.1	-
	30	25	-		104138.1	-
	38	30	-		104139.1	-

Seria Series	Ø Rury Tube	Gwint Thread		1041__1
L/S	15L/ 12S	22x1,5	20x1,5	104190.1
L	15L/ 8L	22x1,5	14x1,5	104192.1
	22L/ 18L	30x2	27x2	104193.1
	18L/ 16L	27x2	22x1,5	104194.1

Korpus złączki redukcyjnej metrycznej

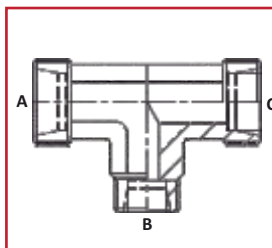
Straight reducing coupling metric



1041__1

Korpus złączki redukcyjnej trójnikowej

Reducing tee metric



1045__1

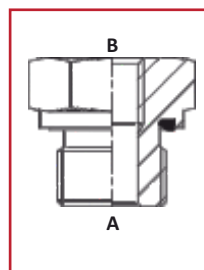


BSP

Seria Series	Gwint Thread		Ciśnienie Pressure (bar)	1074__	1075__
	A	B			
L/S	1/8	1/4	630	-	107501
	1/8	3/8		-	107502
	1/4	1/8		-	107503
	1/4	3/8		-	107504
	1/4	1/2		-	107505
	1/4	3/4		-	107506
	3/8	1/8	400	107401	-
	3/8	1/4		-	107507
	3/8	1/2		-	107508
	3/8	3/4		-	107509
	1/2	1/8	630	107402	-
	1/2	1/4		107403	-
	1/2	3/8		-	107510
	1/2	3/4		-	107511
	1/2	1	400	-	107512
	1/2	1 1/4		-	107513
	3/4	1/4		107404	-
	3/4	3/8		107405	-
	3/4	1/2		-	107514
	3/4	1		-	107515
	3/4	1 1/4		-	107516
	3/4	1 1/2	315	-	107517
	1	1/4	400	107406	-
	1	3/8		107407	-
	1	1/2		107408	-
	1	3/4		-	107518
	1	1 1/4		-	107519
	1	1 1/2	315	-	107520
	1 1/4	1/2	400	107409	-
	1 1/4	3/4		107410	-
	1 1/4	1		-	107521
	1 1/4	1 1/2		-	107522
	1 1/2	1/2	315	107411	-
	1 1/2	3/4		107412	-
	1 1/2	1		107413	-
	1 1/2	1 1/4		-	107523

Tuleja redukcyjna stalowa BSP z uszczelnieniem

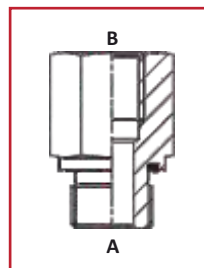
Male- female adapter with elastomer seal BSP parallel



1074__

Tuleja redukcyjna stalowa z uszczelnieniem

Male- female adapter with elastomer seal, thread BSP parallel



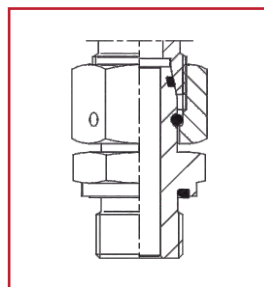
1075__



BSP/M

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	6005__
L	6	1/8	500	600504
	8	1/4		600505
	10	1/4		600506
	12	3/8	400	600507
	15	1/2		600508
	18	1/2		600509
	22	3/4	250	600510
	28	1		600511
	35	1 1/4		600512
	42	1 1/2		600513
S	6	1/4	800	600514
	8	1/4		600515
	10	3/8		600516
	12	3/8	630	600517
	14	1/2		600518
	16	1/2		600519
	20	3/4	420	600520
	25	1		600521
	30	1 1/4		600522
	38	1 1/2		600523
L	6	1/4	500	600524
	10	3/8	400	600525
	12	1/4		600526
	12	1/2		600527
	15	3/8	250	600528
	15	3/4		600529
	18	3/4		600530
	22	1		600531
	28	3/4		600532
	35	1		600533
	35	1 1/2		600534
S	6	1/8	500	600535
	8	3/8	800	600536
	10	1/4		600537
	10	1/2	630	600538
	12	1/4		600539
	12	1/2		600540
	14	3/8		600541
	16	3/8	420	600542
	16	3/4		600590
	20	1/2		600543
	20	1		600544
	25	1/2		600545
	25	3/4		600546
	25	1 1/4		600547
	30	1		600548
	30	1 1/2		600549
	38	1 1/4		600550

Przyłączka prosta nastawna z gwintem calowym BSP i uszczelnieniem płaskim
Male stud coupling with swivel nut and elastomer seal, thread BSP parallel



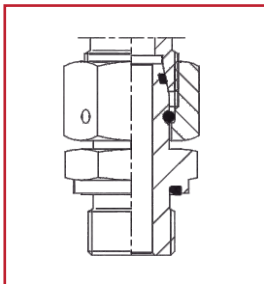
6005__

M

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	6006__
L	6	10x1	500	600604
	8	12x1,5		600605
	10	14x1,5		600606
	12	16x1,5	400	600607
	15	18x1,5		600608
	18	22x1,5		600609
	22	26x1,5	250	600610
	28	33x2		600611
	35	42x2		600612
	42	48x2		600613
S	6	12x1,5	800	600614
	8	14x1,5		600615
	10	16x1,5		600616
	12	18x1,5	630	600617
	14	20x1,5		600618
	16	22x1,5		600619
	20	27x2	420	600620
	25	33x2		600621
	30	42x2		600622
	38	48x2		600623
L	6	12x1,5	500	600624
	8	14x1,5		600625
	10	16x1,5	400	600626
	12	14x1,5		600627
	12	18x1,5		600628
	12	22x1,5		600629
	15	22x1,5		600630
	18	26x1,5	250	600631
S	6	10x1	500	600632
	8	12x1,5	800	600633
	10	14x1,5		600634
	12	14x1,5	630	600635
	12	16x1,5		600636
	12	22x1,5		600637

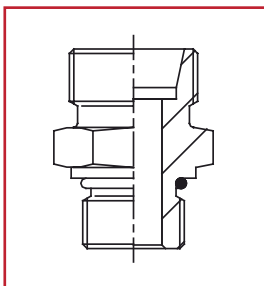


Przyłączka prosta nastawna z gwintem metrycznym i uszczelnieniem płaskim
Male stud coupling with swivel nut and elastomer seal, thread metric parallel



6006_

Korpus przyłączki prostej UNF z uszczelnieniem o-ring
Male stud coupling with o-ring thread UNF



1009__1

UNF/ M

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1009__1
L	6	7/16-20	315	100904
	8	7/16-20		100924
	8	1/2-20		100905
	10	7/16-20		100925
	10	9/16-18		-
	10	1/2-20		100906
	12	9/16-18		100907
	12	3/4-16		100926
	12	7/8-14		100927
	15	3/4-16		100908
	15	7/8-14		-
	18	3/4-16		100909
	18	7/8-14		100928
	22	7/8-14	160	100929
	22	1 1/16-12		100910
	22	1 5/16-12		100930
	28	1 1/16-12		100931
	28	1 5/16-12		100911
	35	1 5/16-12		100932
	35	1 5/8-12		100912
	42	1 5/8-12		100933
	42	1 7/8-12		100913
	6	7/16-20	630	-
S	6	1/2-20		100914
	8	7/16-20		100934
	8	1/2-20		100915
	8	9/16-18		-
	10	9/16-18		100916
	12	9/16-18		100917
	12	3/4-16		100935
	14	3/4-16		100918
	14	7/8-14	400	-
	16	3/4-16		100919
	16	7/8-14		100936
	20	3/4-16		100937
	20	7/8-14		100938
	20	1 1/16-12		100920
	25	1 1/16-12		100939
	25	1 5/16-12		100921
	30	1 5/16-12		100940
	30	1 5/8-12		100922
	38	1 5/8-12	315	100941
	38	1 7/8-12		100923

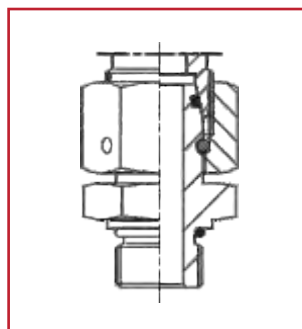


UNF/M

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	6009__
L	6	7/16-20	315	600904
	8	7/16-20		600905
	10	9/16-18		600906
	12	3/4-16		600907
	15	7/8-14		600908
	18	7/8-14		600909
	22	1 1/16-12	160	600910
	28	1 5/16-12		600911
	35	1 5/8-12		600912
	42	1 7/8-12		600913
S	6	7/16-20	630	600914
	8	9/16-18		600915
	10	9/16-18		600916
	12	3/4-16		600917
	14	7/8-14		600918
	16	7/8-14	400	600919
	20	1 1/16-12		600920
	25	1 5/16-12		600921
	30	1 5/8-12		600922
	38	1 7/8-12	315	600923

Przyłączka prosta nastawna z gwintem UNF i o-ringiem

Male stud coupling with swivel nut and oring, thread UNF/UN-2A



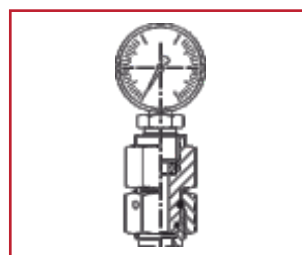
6009__

BSP/M

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	6060__
L	6	1/4	315	606004
	8	1/4		606005
	10	1/4		606006
	12	1/4		606007
S	6	1/2	630	606014
	8	1/2		606015
	10	1/2		606016
	12	1/2		606017

Złączka nastawna do manometru

Gauge coupling with swivel nut

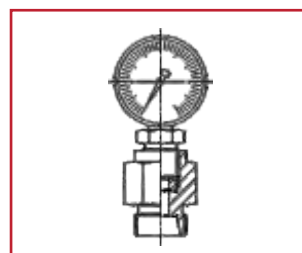


6060__

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1059__1
L	6	1/4	315	105904.1
	8	1/4		105905.1
	10	1/4		105906.1
	12	1/4		105907.1
S	6	1/2	630	105914.1
	8	1/2		105915.1
	10	1/2		105916.1
	12	1/2		105917.1

Złączka prosta do manometru

Gauge coupling



1059__1

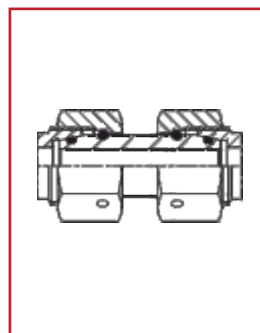


M

Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6035__
L	6	6	500	603504
	8	8		603505
	10	10		603506
	12	12		603507
	15	15	400	603508
	18	18		603509
	22	22		603510
	28	28	250	603511
	35	35		603512
	42	42		603513
S	6	6	800	603514
	8	8		603515
	10	10		603516
	12	12		603517
	14	14	630	603518
	16	16		603519
	20	20		603520
	25	25	420	603521
	30	30		603522
	38	38		603523
L	8	6	500	603524
	10	6	400	603525
	12	6		603526
	10	8	500	603527
	12	8	400	603528
	15	8		603529
	12	10		603530
	15	10		603531
	18	10		603532
	15	12	250	603533
	18	12		603534
	22	12		603535
	18	15		603536
	22	15		603537
	28	15		603538
	22	18		603539
	28	18		603540
	35	18		603541
	28	22		603542
	35	22		603543
	42	22		603544
	35	28		603545
	42	28		603546
	42	35		603547

Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6035__
S	8	6	800	603548
	10	6		603549
	12	6		603550
	10	8	800	603551
	12	8		603552
	12	10		603553
	16	10	630	603554
	16	12		603555
	20	12		603556
	20	16	420	603557
	25	16		603558
	30	16		603559
	25	20		603560
	30	20		603561
	38	20		603562
	30	25		603563
	38	25		603564
	38	30		603565
S/L	6	6	500	603566
	8	8		603567
	10	10		603568
	12	12	400	603569
	16	15		603570
	18	16		603571
L/S	20	18	250	603572
L/S	22	20		603573
S/L	25	22		603574
L/S	28	25		603575
S/L	30	28		603576
L/S	35	30		603577
S/L	38	35		603578
L/S	42	38		603579

Złączka prosta metryczna z dwiema nakrętkami obrotowymi
Straight coupling with swivel nuts

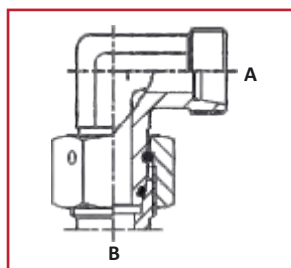


6035__

M

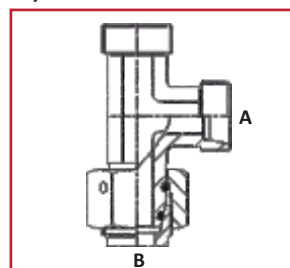
Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6042__1	6046__1	6050__1	6055__1
	A	B					
L	6	315	315	604204.1	604604.1	605004.1	605504.1
	8			604205.1	604605.1	605005.1	605505.1
	10			604206.1	604606.1	605006.1	605506.1
	12			604207.1	604607.1	605007.1	605507.1
	15			604208.1	604608.1	605008.1	605508.1
	18			604209.1	604609.1	605009.1	605509.1
	22	160	160	604210.1	604610.1	605010.1	605510.1
	28			604211.1	604611.1	605011.1	605511.1
	35			604212.1	604612.1	605012.1	605512.1
	42			604213.1	604613.1	605013.1	605513.1
S	6	630	630	604214.1	604614.1	605014.1	605514.1
	8			604215.1	604615.1	605015.1	605515.1
	10			604216.1	604616.1	605016.1	605516.1
	12			604217.1	604617.1	605017.1	605517.1
	14			604218.1	604618.1	605018.1	605518.1
	16	400	400	604219.1	604619.1	605019.1	605519.1
	20			604220.1	604620.1	605020.1	605520.1
	25			604221.1	604621.1	605021.1	605521.1
	30			604222.1	604622.1	605022.1	605522.1
	38	315	315	604223.1	604623.1	605023.1	605523.1
S/L	6 S	6 L	315	604224.1	604624.1	605024.1	605524.1
	8 S	8 L		604225.1	604625.1	605025.1	605525.1
	10 S	10 L		604226.1	604626.1	605026.1	605526.1
	12 S	12 L		604227.1	604627.1	605027.1	605527.1
L/S	6 L	6 S	315	604228.1	604628.1	605028.1	605528.1
	8 L	8 S		604229.1	604629.1	605029.1	605529.1
	10 L	10 S		604230.1	604630.1	605030.1	605530.1
	12 L	12 S		604231.1	604630.1	605031.1	605531.1

Korpus złączki kolankowej 90° nastawnej z gwintami metrycznymi
Adjustable male stud elbow 90° metric



6042__1

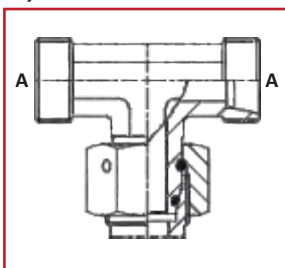
Korpus złączki trójnikowej niesymetrycznej z gwintami metrycznymi i nakrętką obrotową
Adjustable male stud barrel tee metric



6046__1

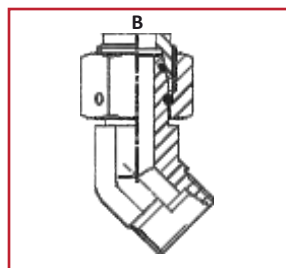


Korpus złączki trójnikowej symetrycznej z gwintami metrycznymi i nakrętką obrotową
Adjustable male stud branch tee metric



6050__1

Korpus złączki kolankowej 45° nastawnej z gwintami metrycznymi
Adjustable male 45° stud elbow metric



6055__1

M

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	6061__1
L	6	12x1,5	500	606104.1
	8	14x1,5		606105.1
	10	16x1,5		606106.1
	12	18x1,5		606107.1
	15	22x1,5	400	606108.1
	18	26x1,5		606109.1
	22	30x2		606110.1
	28	36x2		606111.1
	35	45x2	250	606112.1
	42	52x2		606113.1
S	6	14x1,5	800	606114.1
	8	16x1,5		606115.1
	10	18x1,5		606116.1
	12	20x1,5		606117.1
	14	22x1,5	630	606118.1
	16	24x1,5		606119.1
	20	30x2		606120.1
	25	36x2		606121.1
	30	42x2	420	606122.1
	38	52x2		606123.1

Łącznik dystansowy nastawny z gwintami metrycznymi
Distance piece adapter with swivel nut metric



6061__1



M

Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6053__1
	A	B		
L	8	6	500	605301.1
	10	6		605302.1
	12	6	400	605303.1
	15	6		605304.1
	18	6		605305.1
	22	6	250	605306.1
	28	6		605307.1
	35	6		605308.1
	42	6		605309.1
	10	8	500	605310.1
	12	8	400	605311.1
	15	8		605312.1
	18	8		605313.1
	22	8	250	605314.1
	28	8		605315.1
	35	8		605316.1
	42	8		605317.1
	12	10	400	605318.1
	15	10		605319.1
	18	10		605320.1
	22	10	250	605321.1
	28	10		605322.1
	35	10		605323.1
	42	10		605324.1
	15	12	400	605325.1
	18	12		605326.1
	22	12	250	605327.1
	28	12		605328.1
	35	12		605329.1
	42	12		605330.1
	18	15	400	605331.1
	22	15	250	605332.1
	28	15		605333.1
	35	15		605334.1
	42	15		605335.1
	22	18		605336.1
	28	18		605337.1
	35	18		605338.1
	42	18		605339.1
	28	22		605340.1
	35	22		605341.1
	42	22		605342.1
	35	28		605343.1
	42	28		605344.1
	42	35		605345.1

Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6054__1
	A	B		
S	8	6	630	605401.1
	10	6		605402.1
	12	6		605403.1
	14	6		605404.1
	16	6	400	605405.1
	20	6		605406.1
	25	6		605407.1
	30	6		605408.1
	38	6	315	605409.1
	10	8	630	605410.1
	12	8		605411.1
	14	8		605412.1
	16	8	400	605413.1
	20	8		605414.1
	25	8		605415.1
	30	8		605416.1
	38	8	315	605417.1
	12	10	630	605418.1
	14	10		605419.1
	16	10	400	605420.1
	20	10		605421.1
	25	10		605422.1
	30	10	250	605423.1
	38	10		605424.1
	14	12	630	605425.1
	16	12	400	605426.1
	20	12		605427.1
	25	12		605428.1
	30	12		605429.1
	38	12	315	605430.1
	16	14	400	605431.1
	20	14		605432.1
	25	14		605433.1
	30	14	250	605434.1
	38	14		605435.1
	20	16	400	605436.1
	25	16		605437.1
	30	16		605438.1
	38	16	315	605439.1
	25	20	400	605440.1
	30	20		605441.1
	38	20		605442.1
	30	25		605443.1
	38	25	315	605444.1
	38	30		605445.1

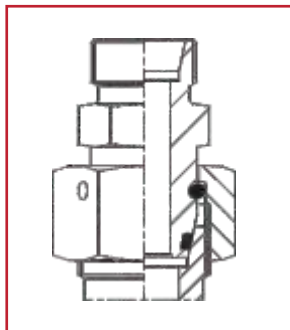


M

Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6053 __.1
	A	B		
L/S	8	6	500	605346.1
	10	6		605347.1
	10	8		605348.1
	12	8	400	605349.1
	12	10		605350.1
	15	12		605351.1

Seria Series	Ø Rury Tube		Ciśnienie Pressure (bar)	6054 __.1
	A	B		
S/L	8	6	500	605446.1
	10	6		605447.1
	10	8		605448.1
	12	8	400	605449.1
	12	10		605450.1
	16	12		605451.1

Korpus złączki prostej redukcyjnej z gwintami metrycznymi
Reducing tube adapter with swivel nut metric



6053 __.1

L & L/S

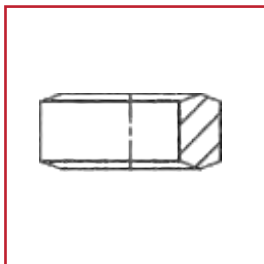
6054 __.1

S & S/L

BSP

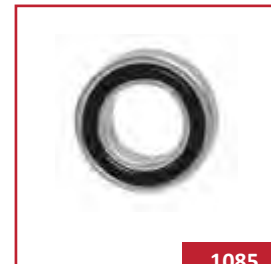
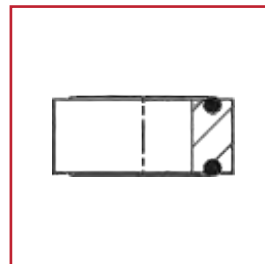
Seria Series	Gwint Thread	1084 __	1085 __
L/S	1/4	108401	108501
	1/2	108402	108502

Pierścień uszczelniający do złązek pod manometr
Gauge sealing washer



1084 __

Pierścień uszczelniający do złązek pod manometr z oringami
Gauge sealing washer with o-ring



1085 __



M/BSPT

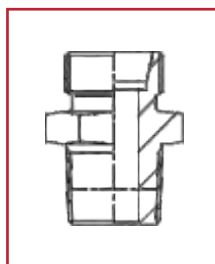
Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1017__1	1020__1	1025__1	1030__1
LL	4	1/8	100	101701.1	102014.1	102501.1	103001.1
	6	1/8		101702.1	102002.1	102502.1	103002.1
	8	1/8		101703.1	102003.1	102503.1	103003.1
L	6	1/8	315	101704.1	102004.1	102504.1	103004.1
	6	1/4		101724.1	102024.1	-	-
	8	1/8		101725.1	102025.1	-	-
	8	1/4		101705.1	102005.1	102505.1	103005.1
	8	3/8		101726.1	102026.1	-	-
	8	1/2		101727.1	102027.1	-	-
	10	1/8		101728.1	102028.1	-	-
	10	1/4		101706.1	102006.1	102506.1	103006.1
	10	3/8		101729.1	102029.1	-	-
	10	1/2		101730.1	102030.1	-	-
	12	1/4		101731.1	102031.1	-	-
	12	3/8		101707.1	102007.1	102507.1	103007.1
	12	1/2		101732.1	102032.1	-	-
	15	3/8		101733.1	102033.1	-	-
	15	1/2		101708.1	102008.1	102508.1	103008.1
	18	1/2		101709.1	102009.1	102009.1	103009.1
	18	3/4		101734.1	102034.1	-	-
	22	3/4	160	101710.1	102010.1	102510.1	103010.1
	28	1		101711.1	102011.1	102511.1	103011.1
	35	1 1/4		101712.1	102012.1	102512.1	103012.1
	42	1 1/2		101713.1	102013.1	102513.1	103013.1
S	6	1/4	630	101714.1	102014.1	102514.1	103014.1
	8	1/4		101715.1	102015.1	102515.1	103015.1
	10	3/8		101716.1	102016.1	102516.1	103016.1
	12	3/8		101717.1	102017.1	102517.1	103017.1
	12	1/2		101735.1	102035.1	-	-
	14	3/8		101736.1	102036.1	-	-
	14	1/2	400	101718.1	102018.1	102518.1	103018.1
	16	3/8		101737.1	102037.1	-	-
	16	1/2		101719.1	102019.1	102019.1	103019.1
	20	1/2		101738.1	102038.1	-	-
	20	3/4		101720.1	102020.1	102520.1	103020.1
	25	3/4		101739.1	102039.1	-	-
	25	1		101721.1	102021.1	102521.1	103021.1
	30	1		101740.1	102040.1	-	-
	30	1 1/4		101722.1	120022.1	102522.1	103022.1
	38	1 1/2	315	101723.1	102023.1	102523.1	103023.1





Korpus przyłączy prostej z gwintem stożkowym BSPT

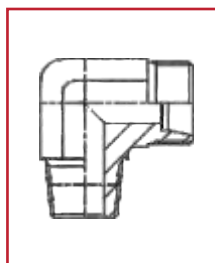
Male stud coupling thread BSPT



1017__1

Korpus przyłączy kolankowej 90° z gwintem stożkowym BSPT

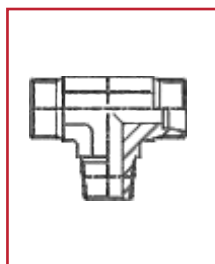
Male stud elbow 90° thread BSPT



1020__1

Korpus przyłączy trójkątowej symetrycznej z gwintem stożkowym BSPT

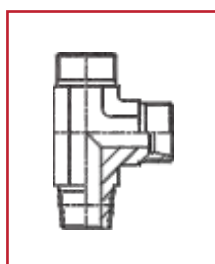
Male stud branch tee thread BSPT



1025__1

Korpus przyłączy trójkątowej niesymetrycznej z gwintem stożkowym BSPT

Male stud branch tee thread BSPT



1030__1





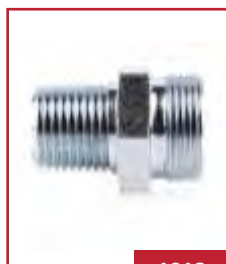
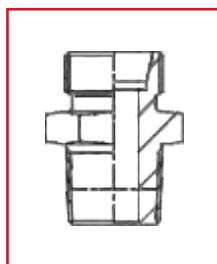
M/NPT

Seria Series	Ø Rury Tube	Gwint Thread	Ciśnienie Pressure (bar)	1018__1	1021__1	1026__1	1031__1
L	6	1/8	315	101804.1	102104.1	102604.1	103104.1
	6	1/4		101824.1	102124.1	-	-
	8	1/8		101825.1	102125.1	-	-
	8	1/4		101805.1	102105.1	102605.1	103105.1
	8	3/8		101826.1	102126.1	-	-
	8	1/2		101827.1	102127.1	-	-
	10	1/8		101828.1	102128.1	-	-
	10	1/4		101806.1	102106.1	102606.1	103106.1
	10	3/8		101829.1	102129.1	-	-
	10	1/2		101830.1	102130.1	-	-
	12	1/4		101831.1	102131.1	-	-
	12	3/8		101807.1	102107.1	102607.1	103107.1
	12	1/2		101832.1	102132.1	-	-
	15	3/8		101833.1	102133.1	-	-
	15	1/2		101808.1	102108.1	102608.1	103108.1
	18	1/2		101809.1	102109.1	102609.1	103109.1
	18	3/4		101834.1	102134.1	-	-
	22	3/4	160	101810.1	102110.1	102610.1	103110.1
	28	1		101811.1	102111.1	102611.1	103111.1
	35	1 1/4		101812.1	102112.1	102612.1	103112.1
	42	1 1/2		101813.1	102113.1	102613.1	103113.1
S	6	1/4	630	101814.1	102114.1	102614.1	103114.1
	8	1/4		101815.1	102115.1	102615.1	103115.1
	10	3/8		101816.1	102116.1	102616.1	103116.1
	12	3/8		101817.1	102117.1	102617.1	103117.1
	12	1/2		101835.1	102135.1	-	-
	14	3/8		101836.1	102136.1	-	-
	14	1/2		101818.1	102118.1	102618.1	103118.1
	16	3/8	400	101837.1	102137.1	-	-
	16	1/2		101819.1	102119.1	102619.1	103119.1
	20	1/2		101838.1	102138.1	-	-
	20	3/4		101820.1	102120.1	102620.1	103120.1
	25	3/4		101839.1	102139.1	-	-
	25	1		101821.1	102121.1	102621.1	103121.1
	30	1		101840.1	102140.1	-	-
	30	1 1/4		101822.1	102122.1	102622.1	103122.1
	30	1 1/2	315	101823.1	102123.1	102623.1	103123.1



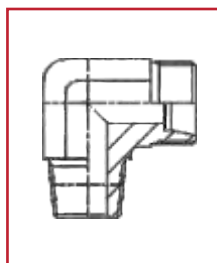


Korpus przyłączy prostej z gwintem stożkowym NPT
Male stud coupling thread NPT



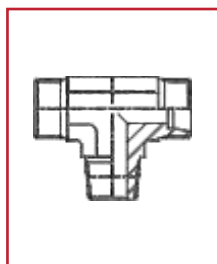
1018__1

Korpus przyłączy kolankowej 90° z gwintem stożkowym NPT
Male stud elbow 90° thread NPT



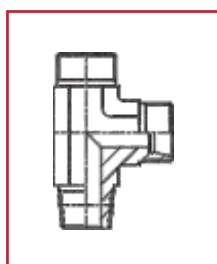
1021__1

Korpus przyłączy trójnikowej symetrycznej z gwintem stożkowym NPT
Male stud branch tee thread NPT



1026__1

Korpus przyłączy trójnikowej niesymetrycznej z gwintem stożkowym NPT
Male stud branch tee thread NPT



1031__1

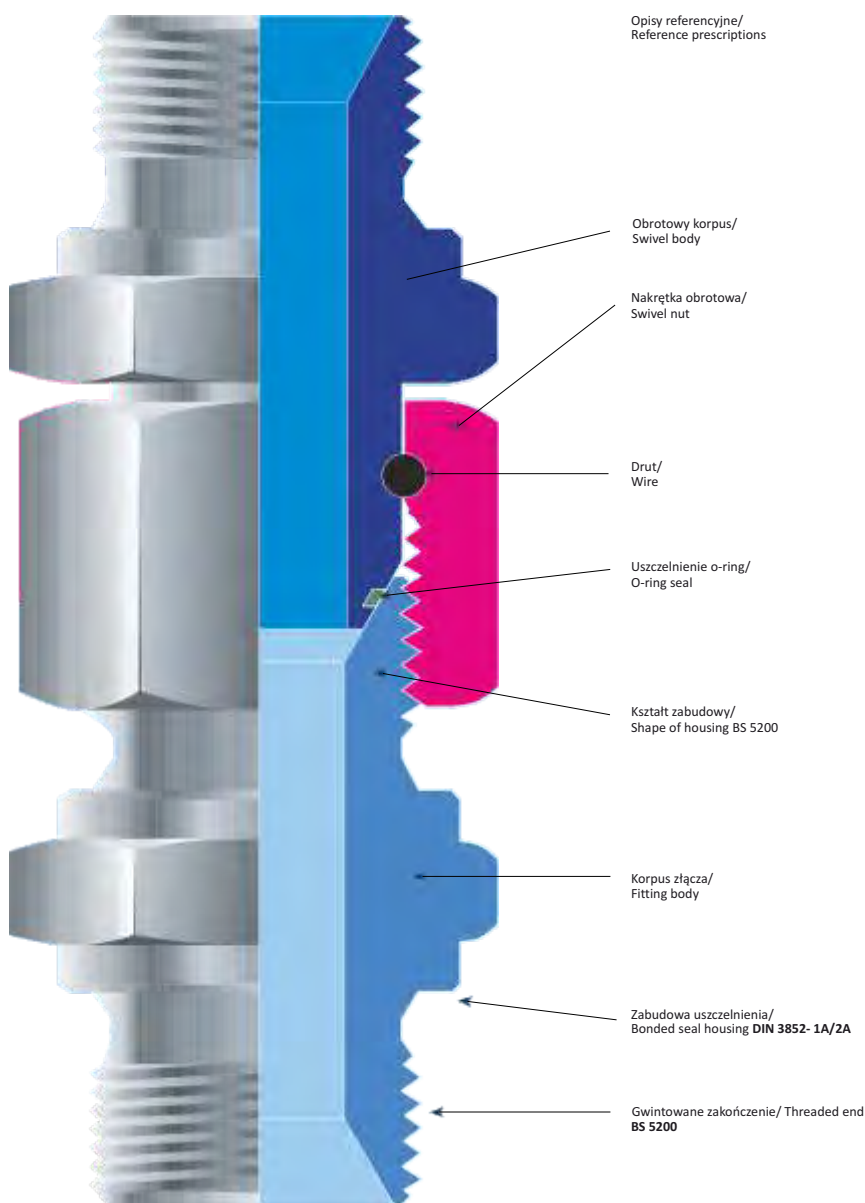


Złącze, produkowane zgodnie z normą **BS 5200**, jest złączem mechanicznym tradycyjnie stosowanym w dynamicznych układach wysokociśnieniowych. Uszczelnienie jest uzyskane między dwoma stożkowymi powierzchniami, metal do metalu, bez deformacji podzespołów, z dodatkowym elastomeryowym uszczelnieniem (O-Ring) umieszczonym w rowku na stożku 60°.

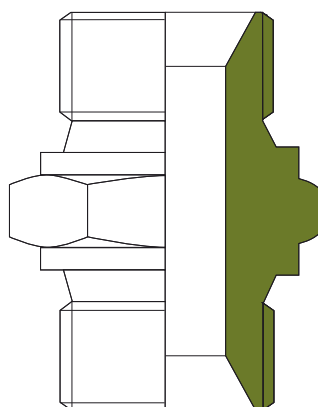
Połączenie między korpusem przyłącza, a korpusem podzespołu gwarantowane jest przez obrotową nakrętkę dociskową oraz elementy gwintowane dla innych typów. Umożliwia to szybki montaż unikając spawania oraz gwintowania, w ten sposób zapewniając maksymalną prostotę dla złożonych systemów hydraulicznych. Ponowne montaż nie zmieniają wydajności połączenia.

The fitting, manufactured according to **BS 5200**, is a mechanical adapter traditionally used for high pressure fluid-dynamic systems. The sealing is made between two conical surfaces, metal to metal, with no deformation of the components, plus an elastomeric sealing (O-Ring) placed into a groove on the 60° cone.

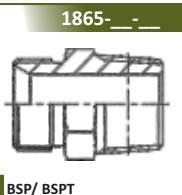
N.B. The elastomeric seal is made according to a CAST S.p.A. project. The connection between the body of the adapter and the body of the component is guaranteed by the swivel tightening nut and the threaded parts for the other types. It helps fast assembly of removable tubes, avoids welding and tapping, thus assuring maximum simplicity for complex oleo-dynamic systems. Repeated assemblies do not alter the performance of the coupling.



Calowe BSP BSP BS 5200



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strona/ page



BSP/ BSPT



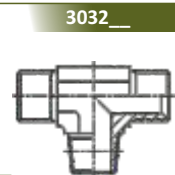
BSP/ BSPT



BSP/ BSPT



BSP/ BSPT



BSP/ BSPT

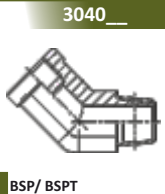


BSP/ BSPT

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strona/ page



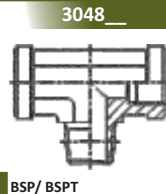
BSP/ BSPT



BSP/ BSPT



BSP/ BSPT



BSP/ BSPT

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strona/ page



BSP/ NPTF



BSP/ NPTF



BSP/ NPTF



BSP/ NPTF



BSP/ NPTF



BSP/ NPTF

45
strona/ page



BSP



BSP



BSP



BSP

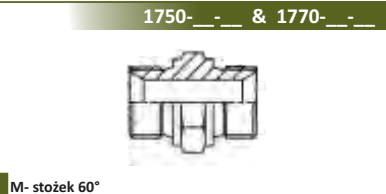


BSP

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strona/ page

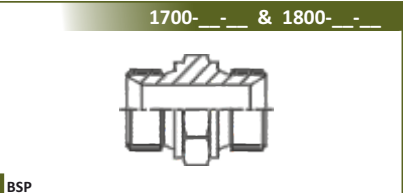


BSP



M- stożek 60°

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strona/ page



BSP



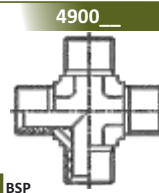
BSP



BSP



BSP



BSP

49-50
strona/ page



BSP/ M- stożek 60°



NPT



NPT



BSPT



BSPT

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strona/ page



NPT



NPT



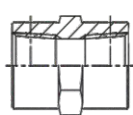
NPT



NPT

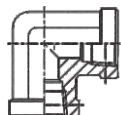


3015__



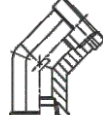
NPT

3043__



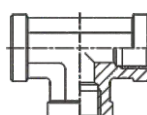
NPT

3045__



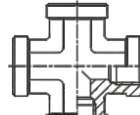
NPT

3051__



NPT

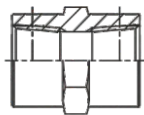
3053__



NPT

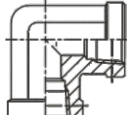
52
strona / page

A105-__-__



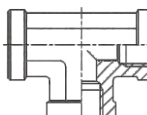
BSP

4570__



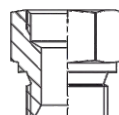
BSP

4820__



BSP

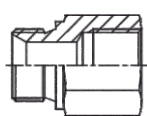
R605-__-__



BSP

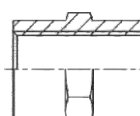
53
strona / page

3008__



BSP

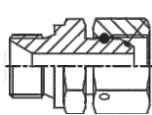
M105-__-__



BSP

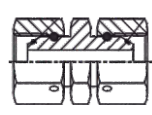
54
strona / page

2350-__-__



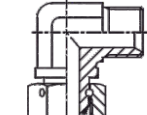
BSP

2450-__-__



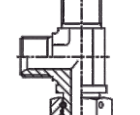
BSP

4500__



BSP

4700__



BSP

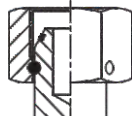
55
strona / page

A605-__-__



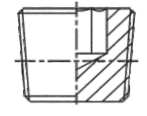
BSP

A608-__-__



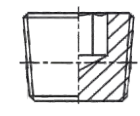
BSP

3011__



NPT

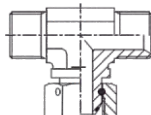
3010__



BSPT

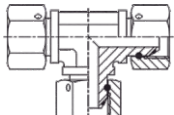
56
strona / page

4710__



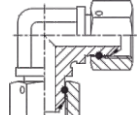
BSP

4720__



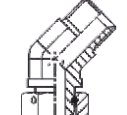
BSP

4550__



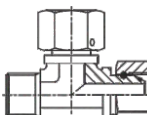
BSP

4510__



BSP

4800-__



BSP

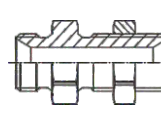
4810-__



BSP

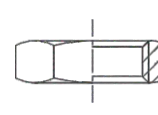
57
strona / page

A106-__



BSP

A107-__



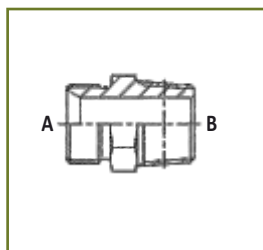
BSP

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strona / page

BSP/BSPT

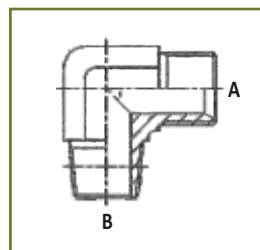
Gwint Thread A	Gwint Thread B	Ciśnienie Pressure (bar)	1865-__-__	3022__	3026__	3030__	3032__	3062__
1/8	1/8	350	1865-02-02	302201	302601	303001	303201	306201
1/8	1/4		1865-02-04	-	-	-	-	-
1/4	1/8		1865-04-02	-	-	-	-	-
1/4	1/4		1865-04-04	302202	302602	303002	303202	306202
1/4	3/8	250	1865-04-06	-	-	-	-	-
3/8	1/4		1865-06-04	-	-	-	-	-
3/8	3/8		1865-06-06	302203	302603	303003	303203	306203
3/8	1/2		1865-06-08	-	-	-	-	-
1/2	3/8	200	1865-08-06	-	-	-	-	-
1/2	1/2		1865-08-08	302204	302604	303004	303204	306204
1/2	3/4		1865-08-12	-	-	-	-	-
5/8	1/2		1865-10-08	302205	302605	303005	303205	306205
3/4	1/2	160	1865-12-08	-	-	-	-	-
3/4	3/4		1865-12-12	302206	302606	303006	303206	306206
3/4	1		1865-12-16	-	-	-	-	-
1	3/4		1865-16-12	-	-	-	-	-
1	1	100	1865-16-16	302207	302607	303007	303207	306207
1	1 1/4		1865-16-20	-	-	-	-	-
1 1/4	1 1/4		1865-20-20	302208	302608	303008	303208	306208
1 1/4	1 1/2		1865-20-24	-	-	-	-	-
1 1/2	1 1/2	100	1865-24-24	302209	302609	303009	303209	306209
2	2		1865-32-32	302210	302610	303010	303210	306210

Korpus przyłączy prostej BSP/ BSPT
Male connector BSP/BSPT



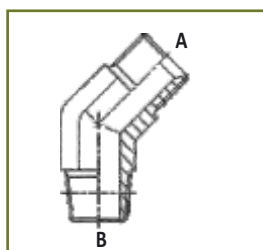
1865-__-__

Korpus przyłączy kolankowej 90° BSP/ BSPT
Male stud 90° adapter BSP/ BSPT



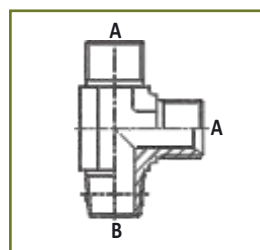
3022__

Korpus przyłączy kolankowej 45° BSP/ BSPT
Male stud 45° adapter BSP/ BSPT



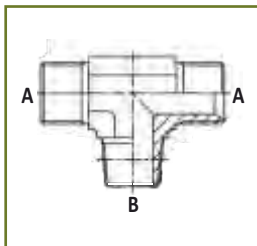
3026__

Korpus przyłączy trójkątnej niesymetrycznej BSP/ BSPT
Male stud barrel tee adapter BSP/ BSPT



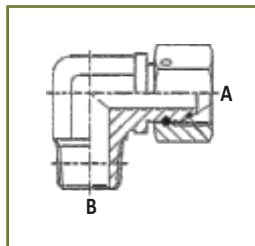
3030__

Korpus przyłątzki trójknikowej symetrycznej BSP/ BSPT
 Male stud branch tee adapter BSP/ BSPT



3032__

Korpus przyłątzki kolankowej 90° z nakrętką obrotową BSP/ BSPT
 90° adapter with swivel nut BSP/ BSPT

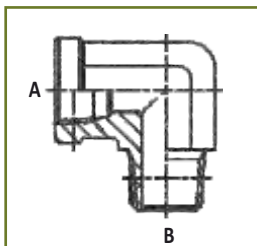


3062__

BSP/BSPT

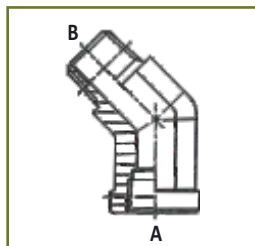
Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	3038__	3040__	3046__	3048__
A	B					
1/8	1/8	350	303801	304001	304601	304801
1/4	1/4		303802	304002	304602	304802
3/8	3/8		303803	304003	304603	304803
1/2	1/2	225	303804	304004	304604	304804
3/4	3/4	200	303805	304005	304605	304805
1	1	160	303806	304006	304606	304806
1 1/4	1 1/4		303807	304007	304607	304807
1 1/2	1 1/2		303808	304008	304608	304808
2	2	100	303809	304009	304609	304809

Złączka kolankowa 90° z gwintem calowym BSP/ BSPT
 (wewnętrzny - zewnętrzny)
 Female/Male stud 90° adapter BSP/ BSPT



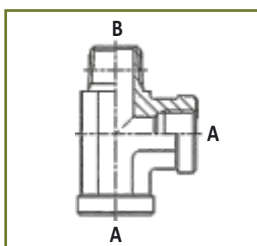
3038__

Złączka kolankowa 45° z gwintem calowym BSP/ BSPT
 (wewnętrzny - zewnętrzny)
 Female/Male stud 45° adapter BSP/ BSPT



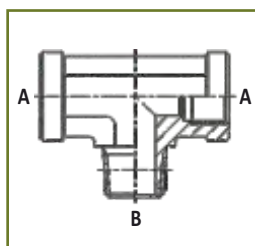
3040__

Złączka trójknikowa niesymetryczna z gwintem calowym BSP/ BSPT
 Female stud barrel tee adapter BSP/ BSPT



3046__

Złączka trójknikowa symetryczna z gwintem calowym BSP/ BSPT
 Female stud branch tee adapter BSP/ BSPT

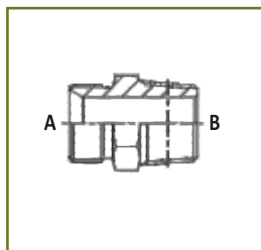


3048__

BSP/NPTF

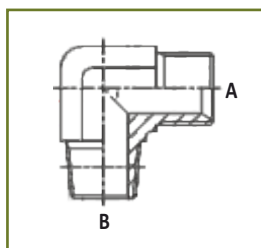
Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	3004__	3023__	3027__	3031__	3033__	3063__
A	B							
1/8	1/8	350	300401	302301	302701	303101	303301	306301
1/8	1/4		300402	-	-	-	-	-
1/4	1/8		300417	-	-	-	-	-
1/4	1/4		300403	302302	302702	303102	303302	306302
1/4	3/8	250	300404	-	-	-	-	-
3/8	1/4		300418	-	-	-	-	-
3/8	3/8		300405	302303	302703	303103	303303	306303
3/8	1/2	225	300406	-	-	-	-	-
1/2	3/8		300419	-	-	-	-	-
1/2	1/2		300407	302304	302704	303104	303304	306304
1/2	3/4	200	300408	-	-	-	-	-
5/8	1/2		-	302305	302705	303105	303305	306305
3/4	1/2		300420	-	-	-	-	-
3/4	3/4		300409	302306	302706	303106	303306	306306
3/4	1	160	300410	-	-	-	-	-
1	3/4		300421	-	-	-	-	-
1	1		300411	302307	302707	303107	303307	306307
1	1 1/4		300412	-	-	-	-	-
1 1/4	1 1/4		300413	302308	302708	303108	303308	306308
1 1/4	1 1/2		300414	-	-	-	-	-
1 1/2	1 1/2		300415	302309	302709	303109	303309	306309
2	2	100	300416	302310	302710	303110	303310	306310

Korpus przyłączki prostej BSP/ NPTF
 Male stud straight adapter BSP/ NPTF



3004__

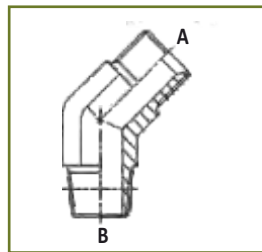
Korpus przyłączki kolankowej 90° BSP/ NPTF
 Elbow 90° adapter BSP/ NPTF



3023__

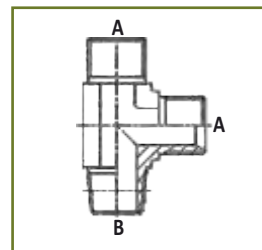


Korpus przyłączy kolankowej 45° BSP/ NPTF
Male stud 45° adapter BSP/ NPTF



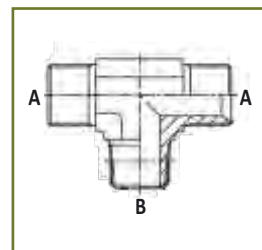
3027__

Korpus przyłączy trójnikowej niesymetrycznej BSP/ NPTF
Male stud barrel tee adapter BSP/ NPTF



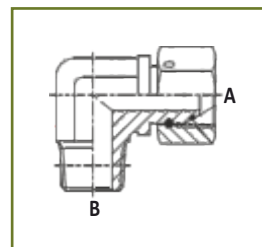
3031__

Korpus przyłączy trójnikowej symetrycznej BSP/ NPTF
Male stud branch tee adapter BSP/ NPTF



3033__

Korpus przyłączy kolankowej 90° z nakrętką obrotową BSP/ NPTF
90° adapter with swivel nut BSP/ NPTF



3063__

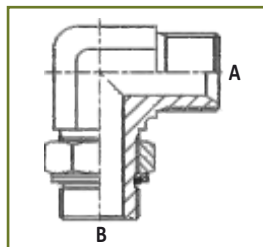


BSP

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	3054__	3056__	3058__	3060__	3088__
A	B						
1/8	1/8	350	305401	305601	305801	306001	308801
1/4	1/8		305402	305602	305802	306002	308802
1/4	1/4		305403	305603	305803	306003	308803
3/8	1/4	315	305404	305604	305804	306004	308804
3/8	3/8		305405	305605	305805	306005	308805
1/2	3/8		305406	305606	305806	306006	308806
1/2	1/2	250	305407	305607	305807	306007	308807
5/8	1/2		-	-	-	-	-
3/4	1/2		305408	305608	305808	306008	308808
3/4	3/4		305409	305609	305809	306009	308809
1	3/4		305410	305610	305810	306010	308810
1	1	200	305411	305611	305811	306011	308811
1 1/4	1		305412	305612	305812	306012	308812
1 1/4	1 1/4		305413	305613	305813	306013	308813
1 1/2	1 1/4	160	305414	305614	305814	306014	308814
1 1/2	1 1/2		305415	305615	305815	306015	308815
2	1 1/2	125	305416	305616	305816	306016	308816
2	2		305417	305617	305817	306017	308817

Korpus przyłączki kolankowej 90° BSP z przeciwnakrętką i uszczelnieniem

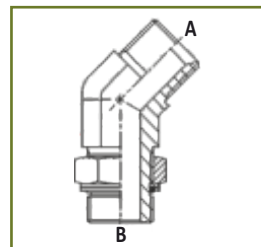
90° adjustable adapter with o-ring and washer, thread BSP parallel



3054__

Korpus przyłączki kolankowej 45° BSP z przeciwnakrętką i uszczelnieniem

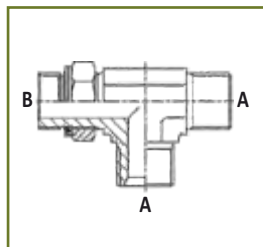
45° adjustable adapter with o-ring and washer, thread BSP parallel



3056__

Korpus przyłączki trójnikowej niesymetrycznej BSP z przeciwnakrętką i uszczelnieniem.

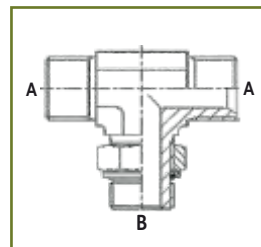
Adjustable male stud barrel tee with o-ring and washer, thread BSP parallel



3058__

Korpus przyłączki trójnikowej symetrycznej BSP z przeciwnakrętką i uszczelnieniem.

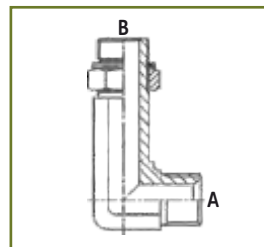
Adjustable male stud branch tee with o-ring and washer, thread BSP parallel



3060__

Korpus przyłączki kolankowej 90° BSP- przedłużonej z przeciwnakrętką i uszczelnieniem.

Long 90° adjustable stud adapter with o-ring and washer, thread BSP parallel



3088__

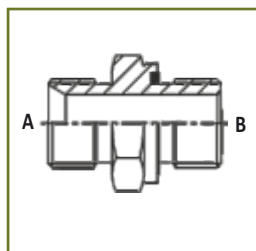


BSP

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	3072__
A	B		
1/8	1/8	350	307201
1/4	1/8		-
1/4	1/4		307202
3/8	1/4	250	-
3/8	3/8		307203
1/2	3/8		-
1/2	1/2	225	307204
5/8	1/2		307205
3/4	1/2		-
3/4	3/4	200	307206
1	3/4		-
1	1		307207
1 1/4	1	160	-
1 1/4	1 1/4		307208
1 1/2	1 1/4		-
1 1/2	1 1/2		307209
2	1 1/2	100	-
2	2		307210

Korpus przyłączki prostej z gwintem calowym BSP z uszczelnieniem płaskim

Male stud adapter with elastomer seal, thread BSP parallel



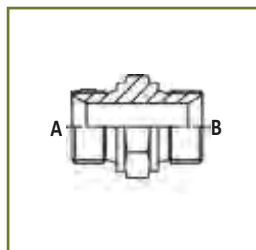
3072__

M

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	1750-__-__	1770-__-__
A	B			
10x1	10x1	400	1750-10-10	-
12x1,5	12x1,5		1750-12-12	-
12x1,5	14x1,5		-	1770-12-14
14x1,5	14x1,5		1750-14-14	-
14x1,5	16x1,5		-	1770-14-16
14x1,5	18x1,5		-	1770-14-18
14x1,5	22x1,5	350	-	1770-14-22
16x1,5	16x1,5	400	1750-16-16	-
16x1,5	18x1,5		-	1770-16-18
16x1,5	20x1,5	350	-	1770-16-20
16x1,5	22x1,5		-	1770-16-22
18x1,5	18x1,5	400	1750-18-18	-
18x1,5	20x1,5	350	-	1770-18-20
20x1,5	20x1,5		1750-20-20	-
20x1,5	22x1,5		-	1770-20-22
22x1,5	22x1,5		1750-22-22	-
22x1,5	26x1,5	315	-	1770-22-26
26x1,5	26x1,5		1750-26-26	-
26x1,5	30x1,5	250	-	1770-26-30
30x1,5	30x1,5		1750-30-30	-
30x1,5	38x1,5	200	-	1770-30-38
38x1,5	38x1,5		1750-38-38	-
38x1,5	45x1,5	160	-	1770-38-45
45x1,5	45x1,5		1750-45-45	-

Korpus złączki prostej metrycznej stożek 60° (redukcyjna 1770-__)

Male straight adapter thread metric parallel, cone 60° (reduction 1770-__)



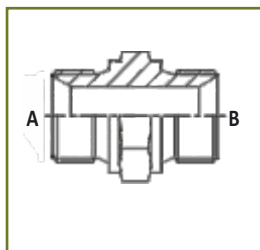
1750-__-__
1770-__-__

BSP

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	1700-__-__	1800-__-__	4520-__	4530-__	4730-__	4900-__
A	B							
1/8	1/8	400	1700-02-02	-	4520-02	4530-02	4730-02	4900-02
1/8	1/4		-	1800-04-02	-	-	-	-
1/8	3/8		-	1800-06-02	-	-	-	-
1/8	1/2	350	-	1800-08-02	-	-	-	-
1/4	1/4	400	1700-04-04	-	4520-04	4530-04	4730-04	4900-04
1/4	3/8		-	1800-06-04	-	-	-	-
1/4	1/2		-	1800-08-04	-	-	-	-
1/4	5/8	350	-	1800-10-04	-	-	-	-
1/4	3/4	315	-	1800-12-04	-	-	-	-
1/4	1	250	-	1800-16-04	-	-	-	-
3/8	3/8	400	1700-06-06	-	4520-06	4530-06	4730-06	4900-06
3/8	1/2	350	-	1800-08-06	-	-	-	-
3/8	5/8		-	1800-10-06	-	-	-	-
3/8	3/4		-	1800-12-06	-	-	-	-
3/8	1	250	-	1800-16-06	-	-	-	-
1/2	1/2	350	1700-08-08	-	4520-08	4530-08	4730-08	4900-08
1/2	5/8		-	1800-10-08	-	-	-	-
1/2	3/4		-	1800-12-08	-	-	-	-
1/2	1	250	-	1800-16-08	-	-	-	-
1/2	1 1/4	200	-	1800-20-08	-	-	-	-
1/2	1 1/2	160	-	1800-24-08	-	-	-	-
5/8	5/8	350	1700-10-10	-	4520-10	4530-10	4730-10	4900-10
5/8	3/4	315	-	1800-12-10	-	-	-	-
5/8	1	250	-	1800-16-10	-	-	-	-
5/8	1 1/4	200	-	1800-20-10	-	-	-	-
3/4	3/4	315	1700-12-12	-	4520-12	4530-12	4730-12	4900-12
3/4	1	250	-	1800-16-12	-	-	-	-
3/4	1 1/4	200	-	1800-20-12	-	-	-	-
3/4	1 1/2	160	-	1800-24-12	-	-	-	-
1	1	250	1700-16-16	-	4520-16	4530-16	4730-16	4900-16
1	1 1/4	200	-	1800-20-16	-	-	-	-
1	1 1/2	160	-	1800-24-16	-	-	-	-
1	2	125	-	1800-32-16	-	-	-	-
1 1/4	1 1/4	200	1700-20-20	-	4520-20	4530-20	4730-20	4900-20
1 1/4	1 1/2	160	-	1800-24-20	-	-	-	-
1 1/4	2	125	-	1800-32-20	-	-	-	-
1 1/2	1 1/2	160	1700-24-24	-	4520-24	4530-24	4730-24	4900-20
1 1/2	2	125	-	1800-32-24	-	-	-	-
2	2		1700-32-32	-	4520-32	4530-32	4730-32	4900-32

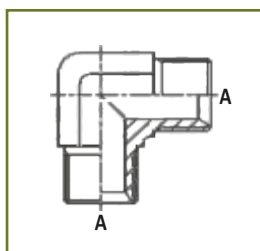


Złączka prosta z gwintem calowym BSP (redukcyjna 1800-__-__)
Male straight adapter, thread BSP parallel (reduction)



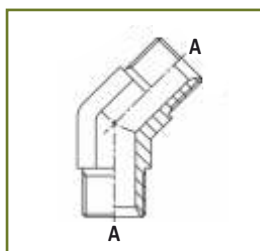
1700-__-__
1800-__-__

Złączka kolankowa 90° z gwintem calowym BSP
Male 90° adapter, thread BSP parallel



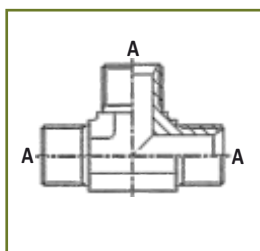
4520-__

Złączka kolankowa 45° z gwintem calowym BSP
Male 45° adapter, thread BSP parallel



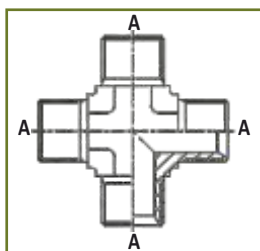
4530-__

Złączka trójnikowa z gwintem calowym BSP
Male equal tee adapter, thread BSP parallel



4730-__

Złączka czwórnikowa z gwintem calowym BSP
Male stud equal cross adapter, thread BSP parallel



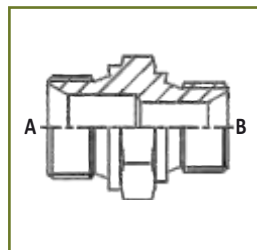
4900-__

BSP/M

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	3007__
A	B		
1/8	10x1	400	300701
1/8	14x1,5		300702
1/4	10x1		300703
1/4	12x1,5		300704
1/4	14x1,5		300705
3/8	10x1		300706
3/8	12x1,5		300707
3/8	14x1,5		300708
3/8	16x1,5		300709
3/8	18x1,5		300710
3/8	22x1,5	350	300711
1/2	14x1,5		300712
1/2	16x1,5		300713
1/2	18x1,5		300714
1/2	20x1,5		300715
1/2	22x1,5		300716
5/8	18x1,5		300717
5/8	20x1,5		300718
5/8	22x1,5		300719
3/4	18x1,5	315	300720
3/4	20x1,5		300721
3/4	22x1,5		300722
3/4	26x1,5		300723
3/4	30x1,5	250	300724
1	26x1,5		300725
1	30x1,5		300726
1	38x1,5	200	300727
1 1/4	30x1,5		300728
1 1/4	38x1,5		300729
1 1/2	38x1,5	160	300730
1 1/2	45x1,5		300731
2	45x1,5	125	300732

Korpus przyłączy prostej z gwintem stalowym BSP i metrycznym (stożek 60°)

Male straight adapter BSP parallel and metric (cone 60°)



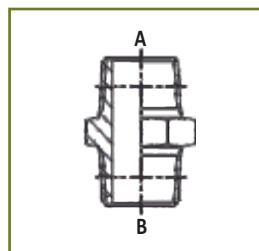
3007__



NPT

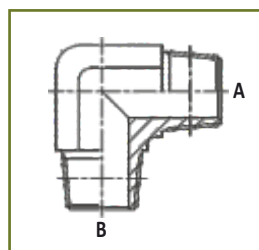
Gwint Thread A	Gwint Thread B	Ciśnienie Pressure (bar)	3002__	3021__
1/8	1/8	350	300201	302101
1/8	1/4		300202	-
1/4	1/4		300203	302102
1/4	3/8	250	300204	-
3/8	1/8		300215	-
3/8	3/8		300205	302103
3/8	1/2	225	300206	-
1/2	1/4		300216	-
1/2	1/2		300207	302104
1/2	3/4	200	300208	-
3/4	1/4		300217	-
3/4	3/4		300209	302105
3/4	1	160	300210	-
1	1		300211	302106
1 1/4	1		300218	-
1 1/4	1 1/4		300212	302107
1 1/2	1 1/2		300213	302108
2	2	100	300214	302109

Korpus złączki prostej z gwintem NPT
Male straight adapter NPT



3002__

Korpus złączki kolankowej 90° z gwintem NPT
Male 90° adapter NPT

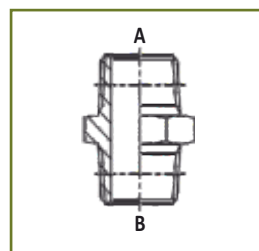


3021__

BSPT

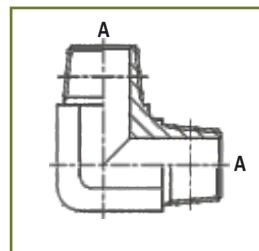
Gwint Thread A	Gwint Thread B	Ciśnienie Pressure (bar)	3001__	3020__
1/8	1/8	350	300101	302001
1/8	1/4		300102	-
1/4	1/4		300103	302002
1/4	3/8	250	300104	-
3/8	1/8		300115	-
3/8	3/8		300105	302003
3/8	1/2	225	300106	-
1/2	1/4		300116	-
1/2	1/2		300107	302004
1/2	3/4	200	300108	-
3/4	1/4		300117	-
3/4	3/4		300109	302005
3/4	1	160	300110	-
1	1		300111	302006
1 1/4	1		300118	-
1 1/4	1 1/4		300112	302007
1 1/2	1 1/2		300113	302008
2	2	100	300114	302009

Korpus złączki prostej z gwintem BSPT
Male straight adapter BSPT



3001__

Złączka kolankowa 90° z gwintem calowym BSPT
Male 90° adapter, thread BSPT parallel



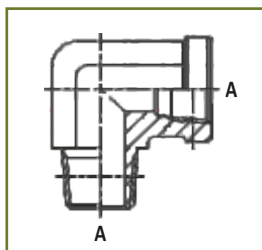
3020__

NPT

Gwint Thread	Ciśnienie Pressure (bar)	3039__	3041__	3047__	3049__
A					
1/8	350	303901	304101	304701	304901
1/4		303902	304102	304702	304902
3/8		303903	304103	304703	304903
1/2	225	303904	304104	304704	304904
3/4	200	303905	304105	304705	304905
1	160	303906	304106	304706	304906
1 1/4		303907	304107	304707	304907
1 1/2		303909	304108	304708	304909
2	100	303909	304109	304709	304909

Złączka kolankowa 90° z gwintem stalowym NPT (wewnętrzny- zewnętrzny)

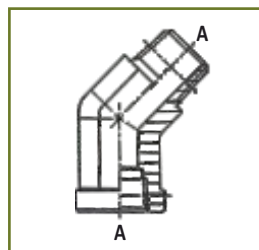
Male/ Female stud 90° adapter NPT



3039__

Złączka kolankowa 45° z gwintem stalowym NPT (wewnętrzny- zewnętrzny)

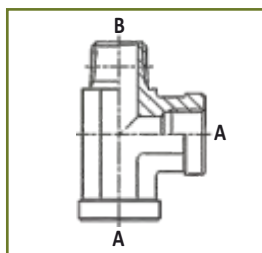
Male/ Female stud 45° adapter NPT



3041__

Złączka trójkowa z gwintem stalowym NPT, niesymetryczna (wewnętrzny- zewnętrzny)

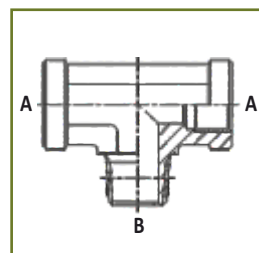
Female stud barrel tee adapter NPT



3047__

Złączka trójkowa z gwintem stalowym NPT, symetryczna (wewnętrzny- zewnętrzny)

Female stud branch tee adapter NPT



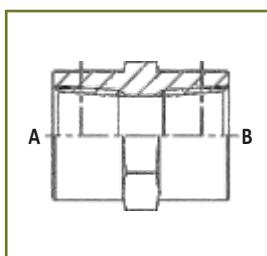
3049__



NPT

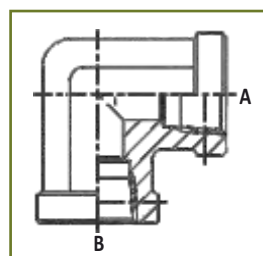
Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	3015__	3043__	3045__	3051__	3053__
A	B						
1/8	1/8	350	301501	304301	304501	305101	305301
1/8	1/4		301509	-	-	-	-
1/8	3/8	250	301510	-	-	-	-
1/4	1/4	350	301502	304302	304502	305102	305302
1/4	3/8	250	301511	-	-	-	-
1/4	1/2	225	301512	-	-	-	-
1/4	3/4	200	301513	-	-	-	-
3/8	3/8	250	301503	304303	304503	305103	305303
3/8	1/2	225	301514	-	-	-	-
1/2	1/2		301504	304304	304504	305104	305304
1/2	3/4	200	301515	-	-	-	-
3/4	3/4		301505	304305	304505	305105	305305
1	1	160	301506	304306	304506	305106	305306
1 1/4	1 1/4		301507	304307	304507	305107	305307
1 1/2	1 1/2		301508	304308	304508	305108	305308
2	2	100	-	304309	304509	305109	305309

Tuleja prosta z gwintem NPT
Female straight adapter NPT



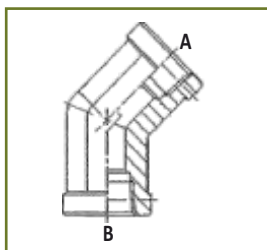
3015__

Korpus złączki kolankowej 90° z gwintem wew. NPT
Female 90° adapter NPT



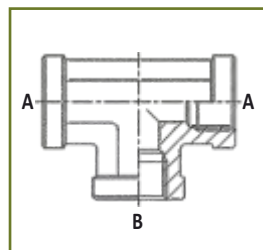
3043__

Korpus złączki kolankowej 45° z gwintem wewnętrznym NPT
Female 45° adapter NPT



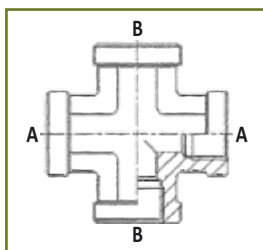
3045__

Korpus złączki trójkątowej z gwintem wewnętrznym NPT
Female equal tee adapter NPT



3051__

Korpus złączki czwórnikowej z gwintem wewnętrznym NPT
Female equal cross adapter NPT



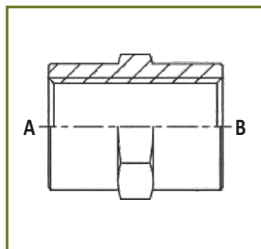
3053__

BSP

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	A105-__-__	4570-__	4820-__	Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	R605-__-__
A	B					A	B		
1/8	1/8	350	A105-02-02	4570-02	4820-02	1/4	1/8	350	R605-04-02
1/8	1/4		A105-02-04	-	-	3/8	1/8		R605-06-02
1/8	3/8	250	A105-02-06	-	-	3/8	1/4	250	R605-06-04
1/4	1/4	350	A105-04-04	4570-04	4820-04	1/2	1/4	350	R605-08-04
1/4	3/8	250	A105-04-06	-	-	1/2	3/8	250	R605-08-06
1/4	1/2	225	A105-04-08	-	-	3/4	1/4	225	R605-12-04
1/4	3/4	200	A105-04-12	-	-	3/4	3/8	200	R605-12-06
3/8	3/8	250	A105-06-06	4570-06	4820-06	3/4	1/2	250	R605-12-08
3/8	1/2	225	A105-06-08	-	-	1	3/8	225	R605-16-06
1/2	1/2		A105-08-08	4570-08	4820-08	1	1/2		R605-16-08
1/2	3/4	200	A105-08-12	-	-	1	3/4	200	R605-16-12
3/4	3/4		A105-12-12	4570-12	4820-12	1 1/4	3/4		R605-20-12
1	1	160	A105-16-16	4570-16	4820-16	1 1/4	1	160	R605-20-16
1 1/4	1 1/4		A105-20-20	4570-20	4820-20	1 1/2	1		R605-24-16
1 1/2	1 1/2		A105-24-24	4570-24	4820-24	1 1/2	1 1/4		R605-24-20
2	2	100	A105-32-32	4570-32	4820-32	2	1 1/4	100	R605-32-20
-	-	-	-	-	-	2	1 1/2		R605-32-24

Tuleja prosta z gwintem BSP

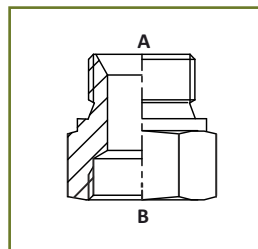
Female straight adapter, thread BSP parallel



A105-__-__

Tuleja redukcyjna stalowa BSP

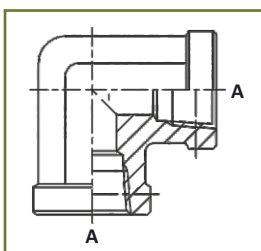
Male- female straight adapter thread BSP parallel



R605-__-__

Złączka kolankowa 90° z gwintem wewnętrznym BSP

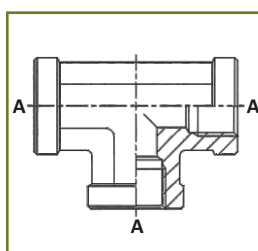
Female 90° adapter, thread BSP parallel



4570-__

Złączka trójnikowa z gwintem wewnętrznym BSP

Female equal tee adapter, thread BSP parallel



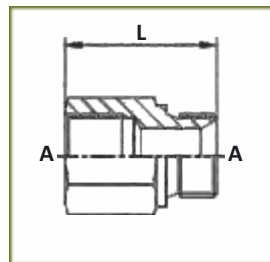
4820-__



BSP

Gwint Thread	Długość Length	Ciśnienie Pressure (bar)	3008__
A	L		
1/8	28	315	300801
1/8	38		300802
1/8	48		300803
1/4	32		300804
1/4	41		300805
1/4	54		300806
1/4	59		300807
3/8	32		300808
3/8	45		300809
3/8	50		300810
3/8	57		300811
1/2	37		300812
1/2	40		300813
1/2	50		300814
1/2	60		300815
1/2	80		300816
3/4	48	315	300817
3/4	56		300818
3/4	73		300819
1	54	250	300820
1	84		300821

Korpus złączki z gwintem BSP (wewnętrzny- zewnętrzny)
Male female straight adapter thread BSP parallel

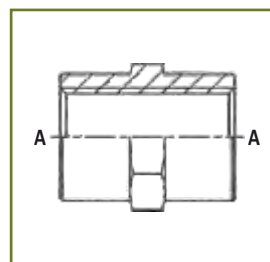


3008__

M

Gwint Thread	Ciśnienie Pressure (bar)	M105-__-__
A		
10x1	350	M105-10-10
12x1,5		M105-12-12
14x1,5		M105-14-14
16x1,5	250	M105-16-16
18x1,5		M105-18-18
22x1,5		M105-22-22
27x2	200	M105-27-27
33x2	160	M105-33-33
42x2		M105-42-42
48x2		M105-48-48

Tuleja prosta z gwintem metrycznym
Female straight adapter metric



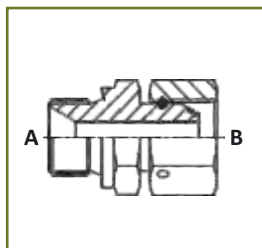
M105-__-__



BSP

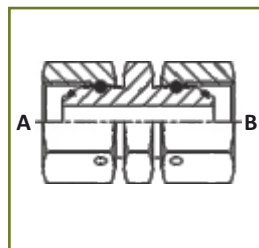
Gwint Thread A	Gwint Thread B	Ciśnienie Pressure (bar)	2350-__-__	2450-__-__	4500-__	4700-__
1/8	1/8	400	2350-02-02	2450-02-02	4500-02	4700-02
1/4	1/4		2350-04-04	2450-04-04	4500-04	4700-04
1/4	3/8		2350-04-06	2450-04-06	-	-
1/4	1/2	350	2350-04-08	2450-04-08	-	-
3/8	1/4	400	2350-06-04	2450-06-04	-	-
3/8	3/8		2350-06-06	2450-06-06	4500-06	4700-06
3/8	1/2	350	2350-06-08	2450-06-08	-	-
1/2	1/4		2350-08-04	-	-	-
1/2	3/8		2350-08-06	-	-	-
1/2	1/2		2350-08-08	2450-08-08	4500-08	4700-08
1/2	3/4	315	2350-08-12	2450-08-12	-	-
5/8	5/8	350	2350-10-10	2450-10-10	4500-10	4700-10
3/4	1/2	315	2350-12-08	-	-	-
3/4	3/4		2350-12-12	2450-12-12	4500-12	4700-12
1	3/4	250	2350-16-12	2450-16-16	4500-16	4700-16
1	1		2350-16-16	-	-	-
1 1/4	1 1/4	200	2350-20-20	2450-20-20	4500-20	4700-20
1 1/2	1 1/2	160	2350-24-24	2450-24-24	4500-24	4700-24
2	2	125	2350-32-32	2450-32-32	4500-32	4700-32

Korpus złączki prostej z gwintem BSP z nakrętką obrotową
Straight adapter with swivel nut, thread BSP parallel



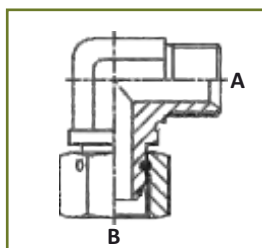
2350-__-__

Korpus złączki prostej z gwintem BSP, z dwiema nakrętkami obrotowymi
Straight adapter with double swivel nuts, thread BSP parallel



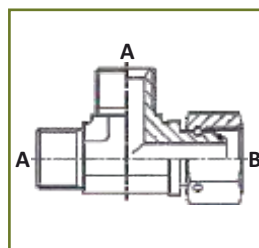
2450-__-__

Korpus złączki kolankowej 90° z gwintem BSP z nakrętką obrotową, uszczelnienie o-ring
90° adapter with swivel nut, thread BSP parallel



4500-__

Korpus złączki trójkątnej, niesymetrycznej z gwintem BSP, z nakrętką obrotową
Barrel tee adapter with swivel nut, thread BSP parallel



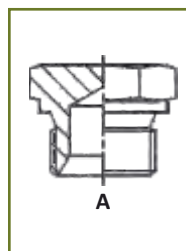
4700-__



BSP

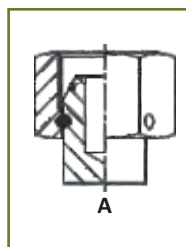
Gwint Thread	Ciśnienie Pressure (bar)	A605-__	A608-__
A			
1/8	400	A605-02	A608-02
1/4		A605-04	A608-04
3/8		A605-06	A608-06
1/2	350	A605-08	A608-08
5/8		A605-10	A608-10
3/4	315	A605-12	A608-12
1	250	A605-16	A608-16
1 1/4	200	A605-20	A608-20
1 1/2	160	A605-24	A608-24
2	125	A605-32	A608-32

Korek zamykający calowy BSP pod klucz płaski
Closure plug BSP



A605-__

Korek zamykający z gwintem wewnętrznym calowym BSP
Female plug swivel BSP

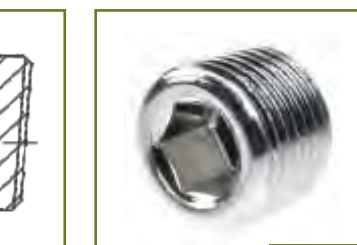
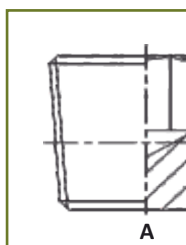


A608-__

NPT

Gwint Thread	Ciśnienie Pressure (bar)	3011__
A		
1/8	350	301101
1/4		301102
3/8		301103
1/2	225	301104
3/4	200	301105
1	160	301106
1 1/4		301107
1 1/2		301108

Korek stożkowy NPT
Hexagon socket plug NPT

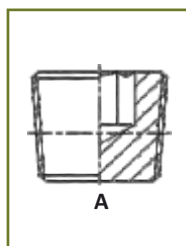


3011__

BSPT

Gwint Thread	Ciśnienie Pressure (bar)	3010__
A		
1/8	350	301001
1/4		301002
3/8		301003
1/2	225	301004
3/4	200	301005
1	160	301006
1 1/4		301007
1 1/2		301008

Korek stożkowy BSPT
Hexagonal socket plug BSPT



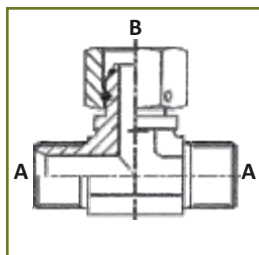
3010__

BSP

Gwint Thread	Gwint Thread	Ciśnienie Pressure (bar)	4710-__	4720-__	4550-__	4510-__	4800-__	4810-__
A	B							
1/8	1/8	400	4710-02	4720-02	4550-02	4510-02	-	-
1/4	1/4		4710-04	4720-04	4550-04	4510-04	4800-04	4810-04
3/8	3/8		4710-06	4720-06	4550-06	4510-06	4800-06	4810-06
1/2	1/2	350	4710-08	4720-08	4550-08	4510-08	4800-08	4810-08
5/8	5/8		4710-10	4720-10	4550-10	4510-10	-	-
3/4	3/4	315	4710-12	4720-12	4550-12	4510-12	4800-12	4810-12
1	1	250	4710-16	4720-16	4550-16	4510-16	4800-16	4810-16
1 1/4	1 1/4	200	4710-20	4720-20	4550-20	4510-20	-	-
1 1/2	1 1/2	160	4710-24	4720-24	4550-24	4510-24	-	-
2	2	125	4710-32	4720-32	4550-32	4510-32	-	-

Korpus złączki trójnikowej, symetrycznej z gwintem BSP, z nakrętką obrotową

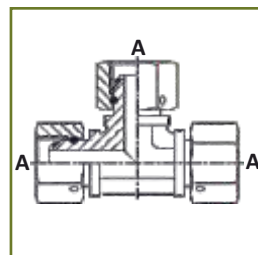
Branch tee adapter with swivel nut, thread BSP parallel



4710-__

Złączka trójnikowa z trzema nakrętkami z gwintem BSP

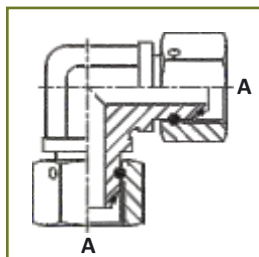
Branch tee adapter with swivel nuts, thread BSP parallel



4720-__

Korpus złączki kolankowej 90° z gwintem BSP, z dwiema nakrętkami obrotowymi

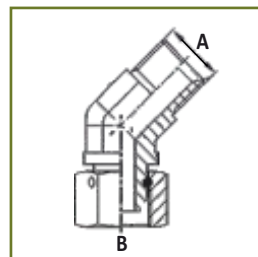
90° elbow adapter with double swivel nuts, thread BSP parallel



4550-__

Korpus złączki kolankowej 45° z gwintem BSP z nakrętką obrotową

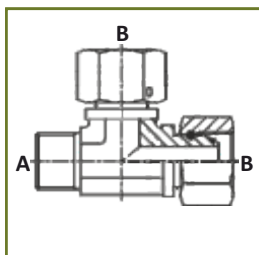
45° elbow adapter with swivel nut, thread BSP parallel



4510-__

Złączka trójnikowa stalowa BSP z dwiema nakrętkami (niesymetryczna)

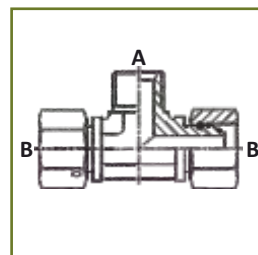
Male tee adapter with swivel nut, thread BSP parallel



4800-__

Złączka trójnikowa stalowa BSP z dwiema nakrętkami (symetryczna)

Branch tee adapter with swivel nut, thread BSP parallel



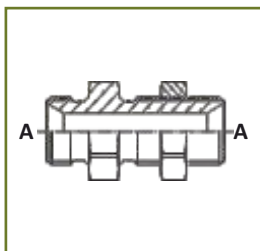
4810-__



BSP

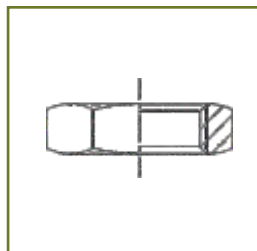
Gwint BSP Thread	Ciśnienie Pressure (bar)	A106-__	A107-__
A			
1/8-28	400	A106-02	A107-02
1/4-19		A106-04	A107-04
3/8-19		A106-06	A107-06
1/2-14	350	A106-08	A107-08
5/8-14	315	A106-10	A107-10
3/4-14		A106-12	A107-12
1-11	250	A106-16	A107-16
1 1/4-11	215	A106-20	A107-20
1 1/2-11	160	A106-24	-
2-11	125	A106-320	-

Złączka prosta stalowa BSP- grodziowa z przeciwnakrętką
Straight bulkhead adapter BSP



A106-__

Przeciwnakrętka BSP
Locknut BSP



A107-__



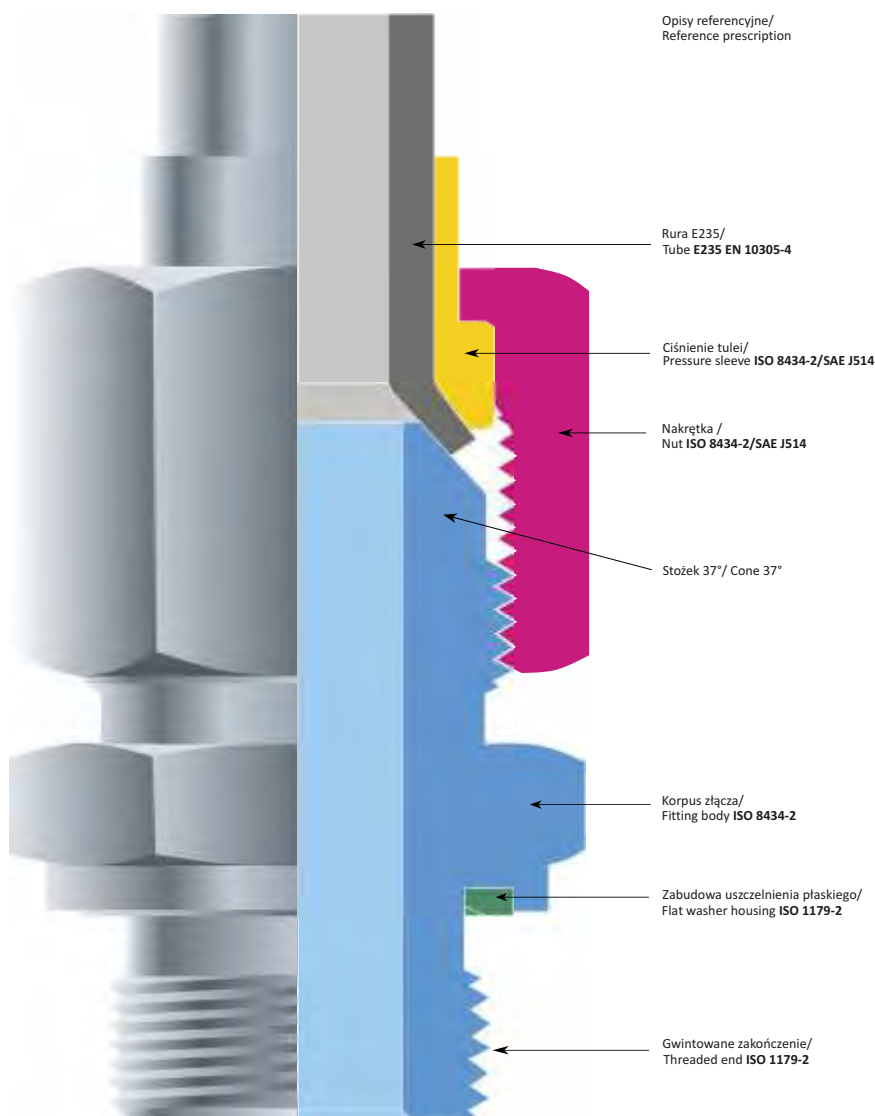


Złącze produkowane zgodnie z normą **ISO 8434-2/SAE J514**, jest złączem mechanicznym tradycyjnie stosowanym w dynamicznych układach wysokociśnieniowych. Uszczelnienie jest wytworzone poprzez kontakt pomiędzy dwoma stożkowymi powierzchniami, pierwsza z nich utworzona na korpusie przyłącza, a druga uzyskana na rurze bezszwowej zimno ciągniętej na skutek rozszerzenia (kielichowania) uzyskanego specjalnymi narzędziami.

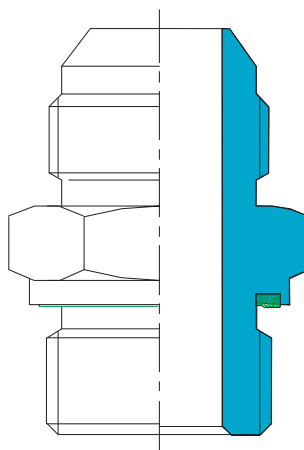
Połączenie między korpusem przyłącza, a (rozszerzoną) kielichowaną rurą 37° gwarantowane jest przez nakrętkę dociskową oraz wewnętrzną tuleję ciśnieniową. Umożliwia to szybki montaż unikając spawania oraz gwintowania, w ten sposób zapewniając maksymalną prostotę dla złożonych systemów hydraulicznych. Ponowne montaż nie zmieniają wydajności połączenia.

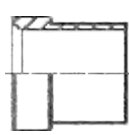
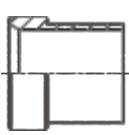
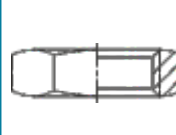
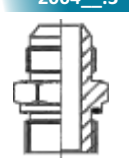
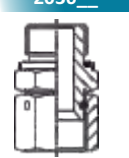
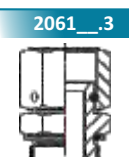
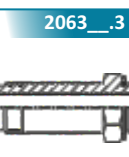
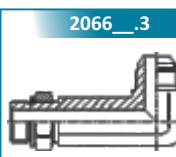
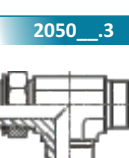
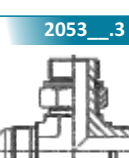
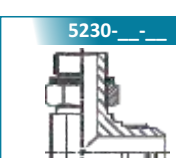
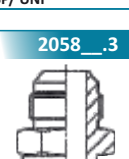
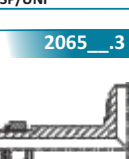
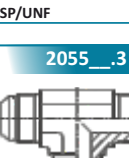
The fitting, manufactured according to **ISO 8434-2/SAE J514**, is a mechanical fitting traditionally used for high pressure fluid-dynamic systems. The seal is made by the contact between two conical surfaces, the first created on the fitting body and the second obtained on the cold drawn seamless tube, through flaring obtained with special tools.

The coupling between the body of the fitting and the 37° flared tube is guaranteed by the tightening nut and by the pressure sleeve on the inside. It helps fast assembly of removable tubes, avoids welding and tapping, thus assuring maximum simplicity for complex oleo-dynamic systems. Repeated assemblies do not alter the performance of the coupling.



Calowe JIC SAE J514

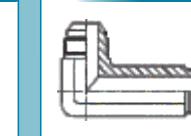
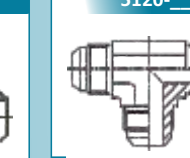
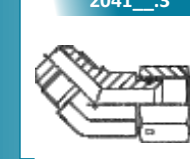
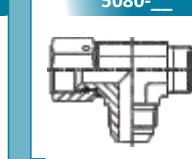
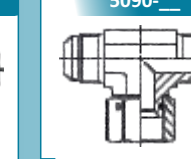
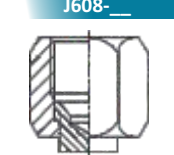
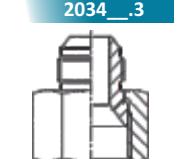
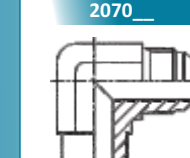
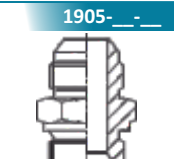
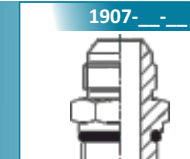


64 strona/ page	5010-__  UNF	5020-__  UNF	5000-__  UNF	20760-__  UNF	
65 strona/ page	2004-___.3  M/UNF	2036-__  M/UNF			
66 strona/ page	2045-___.3  M/UNF	2048-___.3  M/UNF	2051-___.3  M/UNF	2054-___.3  M/UNF	
67 strona/ page	2059-___.3  M/UNF	2061-___.3  M/UNF	2063-___.3  M/UNF	2066-___.3  M/UNF	
68 strona/ page	2003-___.3  BSP/UNF	5035-__-__  BSP/UNF			
69-70 strona/ page	2047-___.3  BSP/ UNF	2050-___.3  BSP/UNF	2053-___.3  BSP/UNF	5230-__-__  BSP/UNF	
71-72 strona/ page	2058-___.3  BSP/UNF	2062-___.3  BSP/UNF	2065-___.3  BSP/UNF		
73-74 strona/ page	2037-__  UNF/JIC	2052-___.3  UNF/JIC	2055-___.3  UNF/JIC	2064-___.3  UNF/JIC	2067-___.3  UNF/JIC



				5190-__ UNF/JIC	5200-__ UNF/JIC	75 strona / page
	2022__3 JIC	2023__3 JIC	2027__3 JIC	2072__3 JIC		76 strona / page
				2008__3 BSPT/JIC	2010__3 BSPT/JIC	77 strona / page
	2012__3 BSPT/JIC	2014__3 BSPT/JIC	2016__3 BSPT/JIC	2038__ BSPT/JIC		77-78 strona / page
	2007__3 NPTF/JIC	2019__3 NPTF/JIC	2029__3 NPTF/JIC	2033__3 NPTF/JIC		79 strona / page
	2006__3 BSP/JIC	2018__3 BSP/JIC	2028__3 BSP/JIC	2032__3 BSP/JIC		80 strona / page
		2009__3 NPTF/JIC	2011__3 NPTF/JIC	2013__3 NPTF/JIC		81-82 strona / page



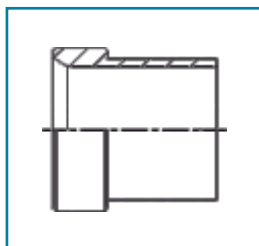
81-82 strona/ page	2015__3  NPTF/JIC	2017__3  NPTF/JIC	2039__3  NPTF/JIC	2068__3  NPTF/JIC	
83 strona/ page	5110__  JIC	5130__  JIC	1900-__-__  JIC	5100__  JIC	5120__  JIC
84 strona/ page	5060__  JIC	2041__3  JIC	5080__  JIC	5090__  JIC	
85 strona/ page	J608__  UNF/JIC	J605__  UNF/JIC	2075__  UNF/JIC		
86 strona/ page	2034__3  JIC				
87-88 strona/ page	2069__  JIC	2070__  JIC	2071__  JIC		
89 strona/ page	2056__  BSP/JIC	2057__  BSP/ JIC			
90 strona/ page	1905-__-__  BSP/JIC	1907-__-__  JIC/UNF			



UNF

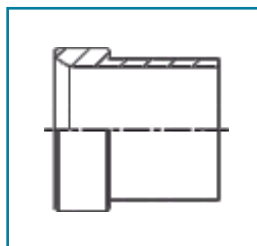
Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint Thread A	Ciśnienie Pressure (bar)	5010-__	5020-__	5000-__	20760_
6	1/4	7/16-20	450	5010-06	5020-04	5000-04	207601
8	5/16	1/2-20		5010-08	5020-05	5000-05	207602
10	3/8	9/16-18		5010-10	5020-06	5000-06	207603
12	1/2	3/4-16	350	5010-12	5020-08	5000-08	207604
14	-	7/8-14		5010-14	-	5000-10	-
15	-	7/8-14		5010-15	-	5000-10	-
16	5/8	7/8-14		5010-16	5020-10	5000-10	207605
18	-	1 1/16-12		5010-18	-	5000-12	-
20	3/4	1 1/16-12		5010-20	5020-12	5000-12	207606
25	1	1 5/16-12	290	5010-25	5020-16	5000-16	207607
30	-	1 5/8-12	240	5010-30	-	5000-20	-
32	1 1/4	1 5/8-12		5010-32	5020-20	5000-20	207608
38	1 1/2	1 7/8-12		5010-38	5020-24	5000-24	207609

Pierścień wzmacniający na rurkę metryczną
Sleeve for metric tube



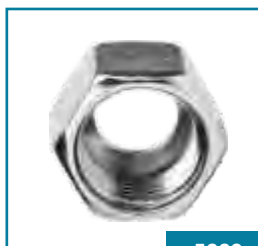
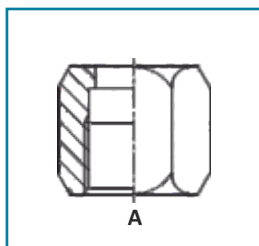
5010-__

Pierścień wzmacniający na rurkę calową
Sleeve for inch tube



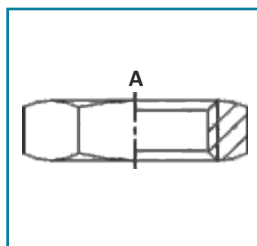
5020-__

Nakrętka z gwintem UNF
Nut- thread UNF



5000-__

Przeciwnakrętka z gwintem UNF
Locknut UNF



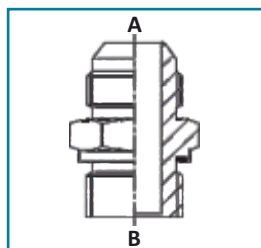
20760_

M/UNF

Gwint UNF Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	2004__3	2036__
A			B			
7/16-20	6	1/4	10x1	350	200401.3	203601
7/16-20	6	1/4	12x1,5		200410.3	203610
1/2-20	8	5/16	10x1		200411.3	203611
1/2-20	8	5/16	12x1,5		200402.3	203602
1/2-20	8	5/16	14x1,5		200412.3	203612
9/16-18	10	3/8	14x1,5		200403.3	203603
9/16-18	10	3/8	16x1,5		200413.3	203613
3/4-16	12	1/2	14x1,5		200414.3	-
3/4-16	12	1/2	16x1,5		200404.3	203604
3/4-16	12	1/2	18x1,5		200415.3	203614
7/8-14	14-15-16	5/8	18x1,5		200416.3	203615
7/8-14	14-15-16	5/8	20x1,5		200417.3	203616
7/8-14	14-15-16	5/8	22x1,5		200405.3	203605
1 1/16-12	18-20	3/4	22x1,5		200418.3	203617
1 1/16-12	18-20	3/4	27x2		200406.3	203606
1 5/16-12	25	1	27x2	290	200419.3	203618
1 5/16-12	30-32	1	33x2		200407.3	203607
1 5/8-12	25	1 1/4	42x2	240	200408.3	203608
1 7/8-12	38	1 1/2	48x2		200409.3	203609

Korpus przyłączki prostej z gwintem M/UNF z uszczelnieniem płaskim

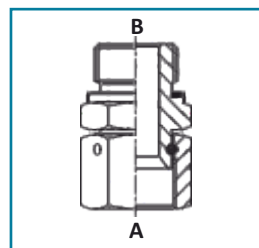
Male stud coupling with elastomer seal, M/UNF parallel



2004__3

Korpus przyłączki prostej, nastawnej z gwintem M/UNF z uszczelnieniem płaskim

Male stud coupling with swivel nut and elastomer seal, M/UNF parallel



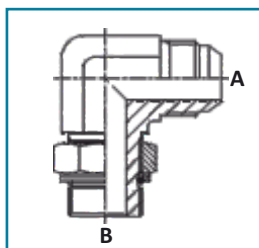
2036__



M/UNF

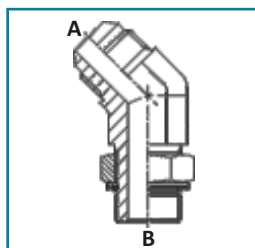
Gwint UNF Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	2045__3	2048 __.3	2051 __.3	2054 __.3
A			B					
7/16-20	6	1/4	10x1	350	204501.3	204801.3	205101.3	205401.3
7/16-20	6	1/4	12x1,5	315	204510.3	204810.3	205110.3	205410.3
1/2-20	8	5/16	10x1	350	204511.3	204811.3	205111.3	205411.3
1/2-20	8	5/16	12x1,5	350	204502.3	204802.3	205102.3	205402.3
1/2-20	8	5/16	14x1,5		204512.3	204812.3	205112.3	205412.3
9/16-18	10	3/8	14x1,5		204503.3	204803.3	205103.3	205403.3
9/16-18	10	3/8	16x1,5		204513.3	204813.3	205113.3	205413.3
3/4-16	12	1/2	14x1,5		-	-	-	-
3/4-16	12	1/2	16x1,5		204504.3	204804.3	205104.3	205404.3
3/4-16	12	1/2	18x1,5		204514.3	204814.3	205114.3	205414.3
7/8-14	14-15-16	5/8	18x1,5		204515.3	204815.3	205115.3	205415.3
7/8-14	14-15-16	5/8	20x1,5	250	204516.3	204816.3	205116.3	205416.3
7/8-14	14-15-16	5/8	22x1,5		204505.3	204805.3	205105.3	205405.3
1 1/16-12	18-20	3/4	22x1,5		204517.3	204817.3	205117.3	205417.3
1 1/16-12	18-20	3/4	27x2		204506.3	204806.3	205106.3	205406.3
1 5/16-12	25	1	27x2	200	204518.3	204818.3	205118.3	205418.3
1 5/16-12	25	1	33x2		204507.3	204807.3	205107.3	205407.3
1 5/8-12	30-32	1 1/4	42x2		204508.3	204808.3	205108.3	205408.3
1 7/8-12	38	1 1/2	48x2	160	204509.3	204809.3	205109.3	205409.3

Korpus przyłączy kątowej 90° z gwintem M/UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Adjustable male stud elbow with o-ring and washer, M/UNF parallel



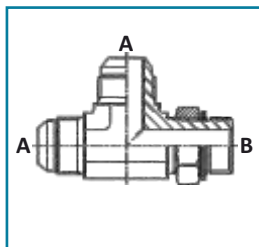
2045__3

Korpus przyłączy kątowej 45° z gwintem M/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
45° Adjustable male stud elbow with o-ring and washer, M/UNF parallel



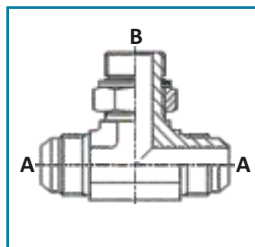
2048__3

Korpus przyłączy trójnikowej (niesymetrycznej) z gwintem M/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Adjustable male stud barrel tee with o-ring and washer, M/UNF parallel



2051__3

Korpus przyłączy trójnikowej (symetrycznej) z gwintem M/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Adjustable male stud branch tee with o-ring and washer, M/UNF parallel



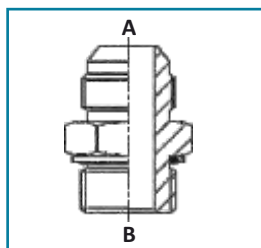
2054__3

M/UNF

Gwint UNF Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	2059__3	2061__3	2063__3	Ciśnienie Pressure (bar)	2066__3
A			B						
7/16-20	6	1/4	10x1	350	205901.3	206101.3	206301.3	350	206601.3
7/16-20	6	1/4	12x1,5		205910.3	206110.3	-	315	206610.3
1/2-20	8	5/16	10x1		205911.3	206111.3	206310.3	350	206611.3
1/2-20	8	5/16	12x1,5		205902.3	206102.3	206302.3	315	206602.3
1/2-20	8	5/16	14x1,5		205912.3	206112.3	206311.3		206612.3
9/16-18	10	3/8	14x1,5		205903.3	206103.3	206303.3		206603.3
9/16-18	10	3/8	16x1,5		205913.3	206113.3	206312.3		206613.3
3/4-16	12	1/2	14x1,5		205914.3	-	-		-
3/4-16	12	1/2	16x1,5		205904.3	206104.3	206304.3		206604.3
3/4-16	12	1/2	18x1,5		205915.3	206114.3	206313.3		206614.3
7/8-14	14-15-16	5/8	18x1,5		205916.3	206115.3	206314.3	250	206615.3
7/8-14	14-15-16	5/8	20x1,5		205917.3	206116.3	206315.3		206616.3
7/8-14	14-15-16	5/8	22x1,5	315	205905.3	206105.3	206305.3		206605.3
1 1/16-12	18-20	3/4	22x1,5		205918.3	206117.3	206316.3		206617.3
1 1/16-12	18-20	3/4	27x2		205906.3	206106.3	206306.3	200	206606.3
1 5/16-12	25	1	27x2	280	205919.3	206118.3	206317.3		206618.3
1 5/16-12	25	1	33x2		205907.3	206107.3	206307.3		206607.3
1 5/8-12	30-32	1 1/4	42x2	240	205908.3	206108.3	206308.3	160	206608.3
1 7/8-12	38	1 1/2	48x2		205909.3	206109.3	206309.3		206609.3

Korpus przyłączy prosty z gwintem M/UNF z uszczelnieniem o-ring i podkładką

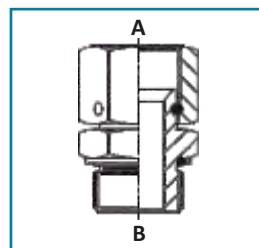
Male stud coupling with o-ring and washer, M/UNF parallel



2059__3

Korpus przyłączy prosty nastawnej z gwintem M/UNF z uszczelnieniem o-ring i podkładką

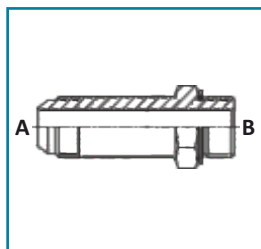
Male stud coupling with swivel nut o-ring and washer, M/UNF parallel



2061__3

Korpus przyłączy prosty z gwintem M/UNF z uszczelnieniem o-ring i podkładką- przedłużona

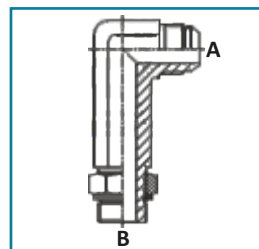
Long male stud straight coupling with o-ring and washer, M/UNF parallel



2063__3

Korpus przyłączy kolankowej 90° z gwintem M/UNF z uszczelnieniem o-ring i podkładką- przedłużona

Long male stud elbow coupling with o-ring and washer, M/UNF parallel



2066__3

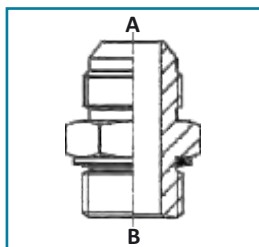


BSP/UNF

Gwint UNF Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	2003__3	5035-__-__
A			B			
7/16-20	6	1/4	1/8	350	200301.3	5035-04-02
7/16-20	6	1/4	1/4		200310.3	5035-04-04
7/16-20	6	1/4	3/8		200311.3	5035-04-06
7/16-20	6	1/4	1/2		200312.3	-
1/2-20	8	5/16	1/8		200302.3	5035-05-02
1/2-20	8	5/16	1/4		200313.3	5035-05-04
1/2-20	8	5/16	3/8		200314.3	5035-05-05
9/16-18	10	3/8	1/8		200315.3	-
9/16-18	10	3/8	1/4		200303.3	5035-06-04
9/16-18	10	3/8	3/8		200316.3	5035-06-06
9/16-18	10	3/8	1/2		200317.3	5035-06-08
3/4-16	12	1/2	1/4		200318.3	5035-08-04
3/4-16	12	1/2	3/8		200304.3	5035-08-06
3/4-16	12	1/2	1/2		200319.3	5035-08-08
3/4-16	12	1/2	3/4		200320.3	-
7/8-14	14-15-16	5/8	3/8		200321.3	5035-10-06
7/8-14	14-15-16	5/8	1/2		200305.3	5035-10-08
7/8-14	14-15-16	5/8	3/4		200322.3	5035-10-12
1 1/16-12	18-20	3/4	3/8		200323.3	-
1 1/16-12	18-20	3/4	1/2		200324.3	5035-12-08
1 1/16-12	18-20	3/4	3/4		200306.3	5035-12-12
1 1/16-12	18-20	3/4	1	290	200325.3	5035-12-16
1 5/16-12	25	1	3/4		200326.3	5035-16-12
1 5/16-12	25	1	1		200307.3	5035-16-16
1 5/16-12	25	1	1 1/4	240	200327.3	5035-16-20
1 5/8-12	30-32	1 1/4	1		200328.3	5035-20-16
1 5/8-12	30-32	1 1/4	1 1/4		200308.3	5035-20-20
1 5/8-12	30-32	1 1/4	1 1/2		200329.3	-
1 7/8-12	38	1 1/2	1 1/4		200330.3	5035-24-20
1 7/8-12	38	1 1/2	1 1/2		200309.3	5035-24-24

Korpus przyłączy prostej z gwintem BSP/UNF z uszczelnieniem płaskim

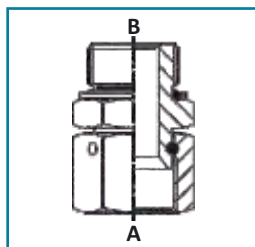
Male stud coupling with elastomer seal, BSP/UNF parallel



2003__3

Korpus przyłączy prostej, nastawnej z gwintem BSP/UNF z uszczelnieniem, o-ring i podkładką

Male stud coupling with swivel nut, o-ring and washer, BSP/UNF parallel



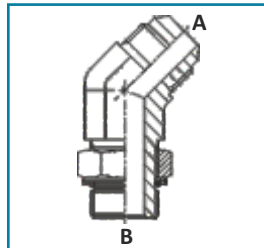
5035-__-__

BSP/UNF

Gwint UNF Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	2047 __.3	2050 __.3	2053 __.3	5230- __- __
A			B					
7/16-20	6	1/4	1/8	350	204701.3	205001.3	205301.3	5230-02-04
7/16-20	6	1/4	1/4	315	204710.3	205010.3	205310.3	5230-04-04
7/16-20	6	1/4	3/8	250	204711.3	205011.3	205311.3	5230-06-04
7/16-20	6	1/4	1/2		204712.3	205012.3	205312.3	-
1/2-20	8	5/16	1/8	350	204713.3	205013.3	205313.3	5230-02-05
1/2-20	8	5/16	1/4	315	204702.3	205002.3	205302.3	5230-04-05
1/2-20	8	5/16	3/8	250	204714.3	205014.3	205314.3	5230-05-05
9/16-18	10	3/8	1/8		-	-	-	-
9/16-18	10	3/8	1/4	315	204703.3	205003.3	205303.3	5230-04-06
9/16-18	10	3/8	3/8	250	204715.3	205015.3	205315.3	5230-06-06
9/16-18	10	3/8	1/2		204716.3	205016.3	205316.3	5230-08-06
3/4-16	12	1/2	1/4	315	204717.3	205017.3	205317.3	5230-04-08
3/4-16	12	1/2	3/8	250	204704.3	205004.3	205304.3	5230-06-08
3/4-16	12	1/2	1/2		204718.3	205018.3	205318.3	5230-08-08
3/4-16	12	1/2	3/4		204719.3	205019.3	205319.3	-
7/8-14	14-15-16	5/8	3/8		204720.3	205020.3	205320.3	5230-06-10
7/8-14	14-15-16	5/8	1/2		204705.3	205005.3	205305.3	5230-08-10
7/8-14	14-15-16	5/8	3/4		204721.3	205021.3	205321.3	5230-12-10
1 1/16-12	18-20	3/4	3/8		-	-	-	-
1 1/16-12	18-20	3/4	1/2	200	204722.3	205022.3	205322.3	5230-08-12
1 1/16-12	18-20	3/4	3/4		204706.3	205006.3	205306.3	5230-12-12
1 1/16-12	18-20	3/4	1		204723.3	205023.3	205323.3	5230-16-12
1 5/16-12	25	1	3/4		204724.3	205024.3	205324.3	5230-12-16
1 5/16-12	25	1	1		204707.3	205007.3	205307.3	5230-16-16
1 5/16-12	25	1	1 1/4		204725.3	205025.3	205325.3	5230-20-16
1 5/8-12	30-32	1 1/4	1		204726.3	205026.3	205326.3	5230-16-20
1 5/8-12	30-32	1 1/4	1 1/4	200	204708.3	205008.3	205308.3	5230-20-20
1 5/8-12	30-32	1 1/4	1 1/2		-	-	-	-
1 7/8-12	38	1 1/2	1 1/4	160	204727.3	205027.3	205327.3	5230-20-24
1 7/8-12	38	1 1/2	1 1/2		204709.3	205009.3	205309.3	5230-24-24

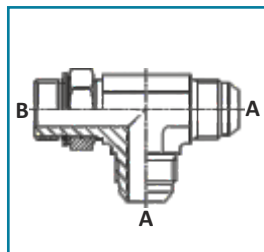


Korpus przyłączy kolankowej 45° z gwintem BSP/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
45° Adjustable male stud elbow with o-ring and washer, BSP/UNF parallel



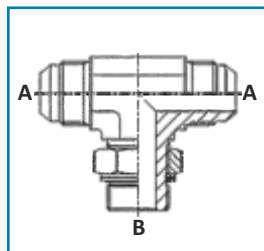
2047 __.3

Korpus przyłączy trójnikowej (niesymetrycznej) z gwintem BSP/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Adjustable male stud barrel tee with o-ring and washer, BSP/UNF parallel



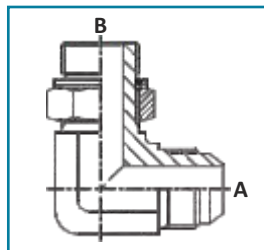
2050 __.3

Korpus przyłączy trójnikowej (symetrycznej) z gwintem BSP/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Adjustable male stud branch tee with o-ring and washer, BSP/UNF parallel



2053 __.3

Korpus przyłączy kątowej 90° z gwintem BSP/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Adjustable male stud elbow with o-ring and washer, BSP/UNF parallel



5230- __ - __

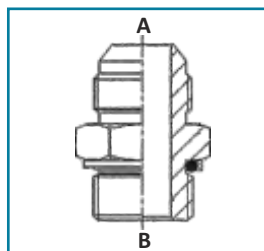


BSP/UNF

Gwint UNF Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	2058__3	Ciśnienie Pressure (bar)	2062__3	Ciśnienie Pressure (bar)	2065__3
A			B						
7/16-20	6	1/4	1/8	350	205801.3	350	206201.3	350	206501.3
7/16-20	6	1/4	1/4		205810.3		206210.3	315	206510.3
7/16-20	6	1/4	3/8		205811.3		-	250	206511.3
7/16-20	6	1/4	1/2	315	205812.3		-		206512.3
1/2-20	8	5/16	1/8	350	205802.3		206202.3	350	206513.3
1/2-20	8	5/16	1/4		205813.3		206211.3	315	206502.3
1/2-20	8	5/16	3/8		205814.3		206212.3	250	206514.3
9/16-18	10	3/8	1/8		205815.3		-		-
9/16-18	10	3/8	1/4		205803.3		206203.3	315	206503.3
9/16-18	10	3/8	3/8	315	205816.3		206213.3	250	206515.3
9/16-18	10	3/8	1/2		205817.3	315	206214.3		206516.3
3/4-16	12	1/2	1/4	350	205818.3	350	206215.3	315	206517.3
3/4-16	12	1/2	3/8		205804.3		206204.3		206504.3
3/4-16	12	1/2	1/2	315	205819.3	315	206216.3	250	206518.3
3/4-16	12	1/2	3/4		205820.3		-		206519.3
7/8-14	14-15-16	5/8	3/8	350	205821.3	350	206217.3		206520.3
7/8-14	14-15-16	5/8	1/2	315	205805.3	315	206205.3		206505.3
7/8-14	14-15-16	5/8	3/4		205822.3		206218.3		206521.3
1 1/16-12	18-20	3/4	3/8	350	205823.3		-		-
1 1/16-12	18-20	3/4	1/2	315	205824.3	280	206219.3		206522.3
1 1/16-12	18-20	3/4	3/4		205806.3		206206.3		206506.3
1 1/16-12	18-20	3/4	1	280	205825.3		206220.3	200	206523.3
1 5/16-12	25	1	3/4	290	205826.3	290	206221.3	250	206524.3
1 5/16-12	25	1	1	280	205807.3	280	206207.3	200	206507.3
1 5/16-12	25	1	1 1/4	240	205827.3	240	206222.3		206525.3
1 5/8-12	30-32	1 1/4	1		205828.3		206223.3		206526.3
1 5/8-12	30-32	1 1/4	1 1/4		205808.3		206208.3		206508.3
1 5/8-12	30-32	1 1/4	1 1/2		205829.3		-		-
1 7/8-12	38	1 1/2	1 1/4		205830.3		206224.3		206527.3
1 7/8-12	38	1 1/2	1 1/2		205809.3		206209.3	160	206509.3

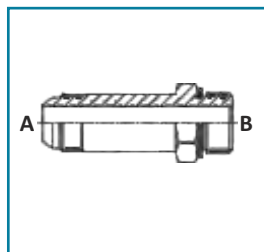


Korpus przyłączy prostej z gwintem BSP/UNF z uszczelnieniem o-ring i podkładką
Male stud coupling with o-ring and washer, BSP/UNF parallel



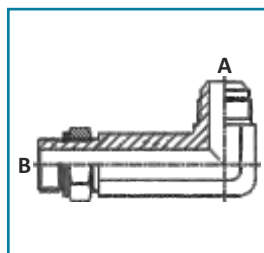
2058__3

Korpus przyłączy prostej przedłużonej z gwintem BSP/UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Long male stud straight coupling with o-ring and washer, BSP/UNF parallel



2062__3

Korpus przyłączy kolankowej 90° przedłużonej z gwintem BSP/ UNF z uszczelnieniem o-ring, przeciwnakrętką i podkładką
Long male stud elbow coupling with o-ring and washer, BSP/UNF parallel



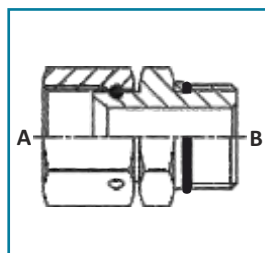
2065__3



UNF/JIC

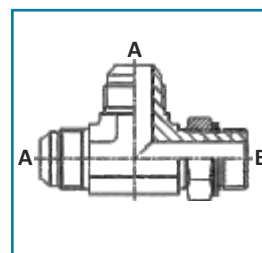
Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Gwint UNF Thread	Ciśnienie Pressure (bar)	2037__	2052__3	2055__3	2064__3	2067__3
A			B						
7/16-20	6	1/4	7/16-20	350	203701	205201.3	205501.3	206401.3	206701.3
7/16-20	6	1/4	1/2-20		203710	205210.3	205510.3	206410.3	206710.3
7/16-20	6	1/4	9/16-18		203711	205211.3	205511.3	206411.3	206711.3
7/16-20	6	1/4	3/4-16		-	-	-	-	-
9/16-18	8	5/16	1/2-20		203702	205202.3	205502.3	206402.3	206702.3
9/16-18	8	5/16	9/16-18		-	-	-	-	-
9/16-18	10	3/8	7/16-20		-	-	-	-	-
9/16-18	10	3/8	1/2-20		-	-	-	-	-
9/16-18	10	3/8	9/16-18		203703	205203.3	205503.3	206403.3	206703.3
9/16-18	10	3/8	3/4-16		203712	205212.3	205512.3	206412.3	206712.3
9/16-18	10	3/8	7/8-14		-	-	-	-	-
3/4-16	12	1/2	9/16-18		-	-	-	-	-
3/4-16	12	1/2	3/4-16		203704	205204.3	205504.3	206404.3	206704.3
3/4-16	12	1/2	7/8-14		203713	205213.3	205513.3	206413.3	206713.3
3/4-16	12	1/2	1 1/16-12		203714	205214.3	205514.3	206414.3	206714.3
7/8-14	14-15-16	5/8	3/4-16		203715	205215.3	205515.3	206415.3	206715.3
7/8-14	14-15-16	5/8	7/8-14		203705	205205.3	205505.3	206405.3	206705.3
7/8-14	14-15-16	5/8	1 1/16-12		203716	205216.3	205516.3	206416.3	206716.3
1 1/16-12	18-20	3/4	3/4-16	350	203717	205217.3	205517.3	206417.3	206717.3
1 1/16-12	18-20	3/4	7/8-14		203718	205218.3	205518.3	206418.3	206718.3
1 1/16-12	18-20	3/4	1 1/16-12		203706	205206.3	205506.3	206406.3	206706.3
1 1/16-12	18-20	3/4	1 5/16-21		203719	205219.3	205519.3	206419.3	206719.3
1 5/16-12	25	1	7/8-14		-	-	-	-	-
1 5/16-12	25	1	1 1/16-12		203720	205220.3	205520.3	206420.3	206720.3
1 5/16-12	25	1	1 5/16-12		203707	205207.3	205507.3	206407.3	206707.3
1 5/16-12	25	1	1 5/8-12		203721	205221.3	205521.3	206421.3	206721.3
1 5/8-12	30-32	1 1/4	1 5/16-12		-	-	-	-	-
1 5/8-12	30-32	1 1/4	1 5/8-12		203708	205208.3	205508.3	206408.3	206708.3
1 7/8-12	38	1 1/2	1 5/8-12	240	-	-	-	-	-
1 7/8-12	38	1 1/2	1 7/8-12		203709	205209.3	205509.3	206409.3	206709.3

Korpus przyłączy prostej nastawnej z gwintem UNF/ JIC z uszczelnieniem o-ring
Male stud coupling with swivel nut and o-ring, UNF/JIC



2037__

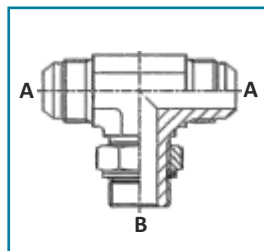
Korpus przyłączy trójkątowej (niesymetrycznej) z gwintem UNF/ JIC z uszczelnieniem o-ring i przeciwnakrętką
Adjustable male stud barrel tee with o-ring, UNF/JIC



2052__3

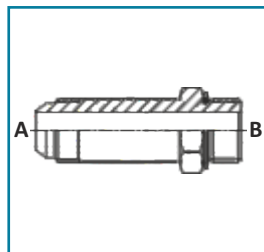


Korpus przyłączy trójnikowej (symetrycznej) z gwintem UNF/ JIC z uszczelnieniem o-ring i przeciwnakrętką
Adjustable male stud barrel tee with o-ring, UNF/JIC



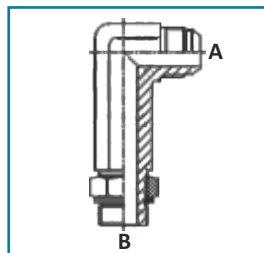
2055__3

Korpus przyłączy prostej przedłużonej z gwintem UNF/ JIC z uszczelnieniem o-ring
Long male stud straight coupling with o-ring, UNF/JIC



2064__3

Korpus przyłączy kolankowej 90°- przedłużonej z gwintem UNF/ JIC z uszczelnieniem o-ring i przeciwnakrętką
Long male stud elbow coupling with o-ring, UNF/JIC



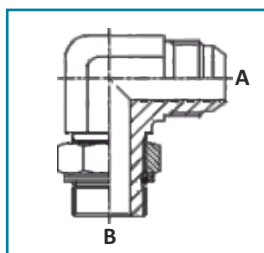
2067__3



UNF/JIC

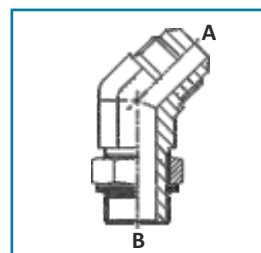
Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint UNF Thread	Ciśnienie Pressure (bar)	5190-__	5200-__
A			B			
7/16-20	6	1/4	7/16-20	400	5190-04	5200-04
7/16-20	6	1/4	1/2-20		5190-04-05	5200-04-05
7/16-20	6	1/4	9/16-18	350	5190-04-06	5200-04-06
7/16-20	6	1/4	3/4-16		5190-04-08	5200-04-08
1/2-20	8	5/16	1/2-20	400	5190-05	5200-05
1/2-20	8	5/16	9/16-18		5190-05-06	5200-05-06
9/16-18	10	3/8	7/16-20		5190-06-04	5200-06-04
9/16-18	10	3/8	1/2-20		5190-06-05	5200-06-05
9/16-18	10	3/8	9/16-18		5190-06	5200-06
9/16-18	10	3/8	3/4-16		5190-06-08	5200-06-08
9/16-18	10	3/8	7/8-14		5190-06-10	5200-06-10
3/4-16	12	1/2	9/16-18	350	5190-08-06	5200-08-06
3/4-16	12	1/2	3/4-16		5190-08	5200-08
3/4-16	12	1/2	7/8-14		5190-08-10	5200-08-10
3/4-16	12	1/2	1 1/16-12		5190-08-12	5200-08-12
7/8-14	14-15-16	5/8	3/4-16		5190-10-08	5200-10-08
7/8-14	14-15-16	5/8	7/8-14		5190-10	5200-10
7/8-14	14-15-16	5/8	1 1/16-12		5190-10-12	5200-10-12
1 1/16-12	18-20	3/4	3/4-16		5190-12-08	5200-12-08
1 1/16-12	18-20	3/4	7/8-14		5190-12-10	5200-12-10
1 1/16-12	18-20	3/4	1 1/16-12	350	5190-12	5200-12
1 1/16-12	18-20	3/4	1 5/16-21		5190-12-16	5200-12-16
1 5/16-12	25	1	7/8-14	290	5190-16-10	5200-16-10
1 5/16-12	25	1	1 1/16-12		5190-16-12	5200-16-12
1 5/16-12	25	1	1 5/16-12		5190-16	5200-16
1 5/16-12	25	1	1 5/8-12		5190-16-20	5200-16-20
1 5/8-12	30-32	1 1/4	1 5/16-12	240	5190-20-16	5200-20-16
1 5/8-12	30-32	1 1/4	1 5/8-12		5190-20	5200-20
1 7/8-12	38	1 1/2	1 5/8-12		5190-24-16	5200-24-16
1 7/8-12	38	1 1/2	1 7/8-12		5190-24	5200-24

Korpus przyłączy kątowej 90° z gwintem UNF/JIC z uszczelnieniem o-ring i przeciwnakrętką
90° Adjustable male stud elbow with o-ring, UNF/JIC



5190-__

Korpus przyłączy kątowej 45° z gwintem UNF/JIC z uszczelnieniem o-ring i przeciwnakrętką
45° Adjustable male stud elbow with o-ring, UNF/JIC



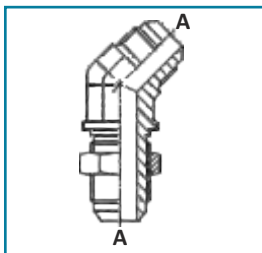
5200-__



JIC

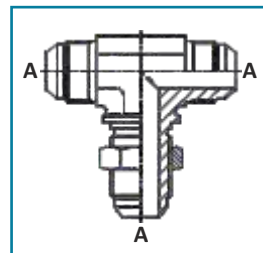
Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Ciśnienie Pressure (bar)	2022__3	2023__3	2027__3	2072__3
A							
7/16-20	6	1/4	450	202201.3	202301.3	202701.3	207201.3
1/2-20	8	5/16		202202.3	202302.3	202702.3	207202.3
9/16-18	10	3/8	350	202203.3	202303.3	202703.3	207203.3
3/4-16	12	1/2		202204.3	202304.3	202704.3	207204.3
7/8-14	14-15-16	5/8		202205.3	202305.3	202705.3	207205.3
1 1/16-12	18-20	3/4		202206.3	202306.3	202706.3	207206.3
1 5/16-12	25	1	290	202207.3	202307.3	202707.3	207207.3
1 5/8-12	30-32	1 1/4	240	202208.3	202308.3	202708.3	207208.3
1 7/8-12	38	1 1/2		202209.3	202309.3	202709.3	207209.3

**Korpus złączki kolankowej 45° z gwintem JIC-
grodziowa z przeciwnakrętką**
45° Bulkhead elbow JIC



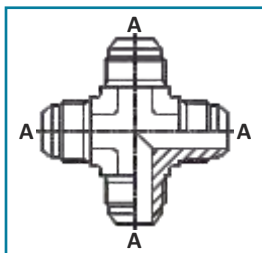
2022__3

**Korpus złączki trójnikowej (symetrycznej) z gwintem JIC-
grodziowa z przeciwnakrętką**
Bulkhead branch tee JIC



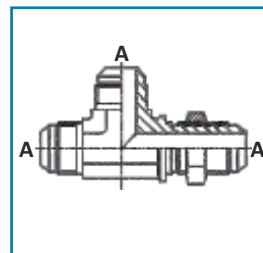
2023__3

Czwórnik- JIC
Equal cross JIC



2027__3

**Korpus złączki trójnikowej (niesymetrycznej) z gwintem JIC-
grodziowa z przeciwnakrętką**
Bulkhead barrel tee JIC

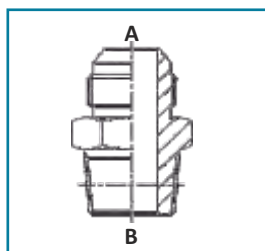


2072__3

BSPT/JIC

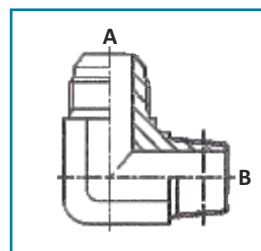
Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint BSPT Thread	Ciśnienie Pressure (bar)	2008__3	2010__3	2012__3	2014__3	2016__3	2038__
A			B							
7/16-20	6	1/4	1/8	350	200801.3	201001.3	201201.3	201401.3	201601.3	203801
7/16-20	6	1/4	1/4		200810.3	201010.3	201210.3	201410.3	201610.3	203810
1/2-20	8	5/16	1/8		200802.3	201002.3	201202.3	201402.3	201602.3	203802
1/2-20	8	5/16	1/4		200811.3	201011.3	201211.3	201411.3	201611.3	203811
9/16-18	10	3/8	1/8		200812.3	201012.3	201212.3	-	-	-
9/16-18	10	3/8	1/4		200803.3	201003.3	201203.3	201403.3	201603.3	203803
9/16-18	10	3/8	3/8		200813.3	201013.3	201213.3	201412.3	201612.3	203812
9/16-18	10	3/8	1/2		200814.3	201014.3	201214.3	-	-	-
3/4-16	12	1/2	1/4		200815.3	201015.3	201215.3	-	-	203813
3/4-16	12	1/2	3/8		200804.3	201004.3	201204.3	201404.3	201604.3	203804
3/4-16	12	1/2	1/2		200816.3	201016.3	201216.3	201413.3	201613.3	203814
3/4-16	12	1/2	3/4		200817.3	201017.3	201217.3	-	-	-
7/8-14	14-15-16	5/8	3/8		200818.3	201018.3	201218.3	201414.3	201614.3	203815
1 1/16-12	14-15-16	5/8	1/2		200805.3	201005.3	201205.3	201405.3	201605.3	203805
7/8-14	14-15-16	5/8	3/4		200819.3	201019.3	201219.3	201415.3	201615.3	203816
1 1/16-12	18-20	3/4	1/2		200820.3	201020.3	201220.3	201416.3	201616.3	203817
7/8-14	18-20	3/4	3/4		200806.3	201006.3	201206.3	201406.3	201606.3	203806
1 1/16-12	18-20	3/4	1	290	200821.3	201021.3	201221.3	-	-	203818
1 5/16-12	25	1	3/4		200822.3	201022.3	201222.3	201417.3	201617.3	203819
1 5/16-12	25	1	1		200807.3	201007.3	201207.3	201407.3	201607.3	203807
1 5/8-12	30-32	1 1/4	1	240	200823.3	201023.3	201223.3	201418.3	201618.3	-
1 5/8-12	30-32	1 1/4	1 1/4		200808.3	201008.3	201208.3	201408.3	201608.3	203808
1 7/8-12	38	1 1/2	1 1/4		200824.3	-	-	-	-	-
1 7/8-12	38	1 1/2	1 1/2		200809.3	201009.3	201209.3	201409.3	201609.3	203809

Korpus przyłączy prosty z gwintem BSPT/ JIC
Female stud coupling, BSPT/JIC



2008__3

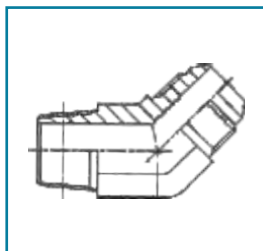
Korpus przyłączy kolankowej 90° z gwintem BSPT/ JIC
Male stud elbow, BSPT/JIC



2010__3

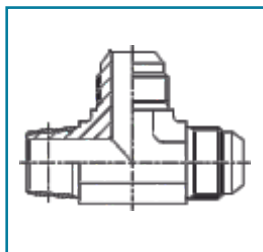


Korpus przyłączy kolankowej 45° z gwintem BSPT/ JIC
Male stud elbow 45°, BSPT/JIC



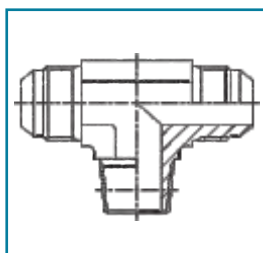
2012__3

Korpus przyłączy trójnikowej (niesymetrycznej) z gwintem BSPT/ JIC
Male stud barrel tee, BSPT/JIC



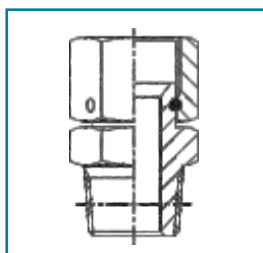
2014__3

Korpus przyłączy trójnikowej symetrycznej z gwintem BSPT/ JIC
Male stud branch tee, BSPT/JIC



2016__3

Korpus przyłączy prostej, nastawnej z gwintem BSPT/ JIC
Male stud coupling with swivel nut, BSPT/JIC



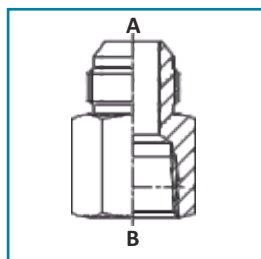
2038__

NPTF/JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint NPTF Thread	Ciśnienie Pressure (bar)	2007 __.3	2019 __.3	2029 __.3	2033 __.3
A			B					
7/16-20	6	1/4	1/8	350	200701.3	201901.3	202901.3	203301.3
7/16-20	6	1/4	1/4		200710.3	201910.3	202910.3	203310.3
1/2-20	8	5/16	1/8		200702.3	201902.3	202902.3	203302.3
1/2-20	8	5/16	1/4		200711.3	201911.3	202911.3	203311.3
9/16-18	10	3/8	1/8		-	201912.3	202912.3	203312.3
9/16-18	10	3/8	1/4		200703.3	201903.3	202903.3	203303.3
9/16-18	10	3/8	3/8		200712.3	201913.3	202913.3	203313.3
3/4-16	12	1/2	1/4		200713.3	201914.3	202914.3	203314.3
3/4-16	12	1/2	3/8		200704.3	201904.3	202904.3	203304.3
3/4-16	12	1/2	1/2		200714.3	201915.3	202915.3	203315.3
7/8-14	14-15-16	5/8	1/2		200705.3	201905.3	202905.3	203305.3
1 1/16-12	18-20	3/4	1/2		200715.3	201916.3	202916.3	203316.3
1 1/16-12	18-20	3/4	3/4	240	200706.3	201906.3	202906.3	203306.3
1 5/16-12	25	1	1		200707.3	201907.3	202907.3	203307.3
1 5/8-12	30-32	1 1/4	1 1/4		200708.3	201908.3	202908.3	203308.3
1 7/8-12	38	1 1/2	1 1/2		200709.3	201909.3	202909.3	203309.3

Korpus złączki prostej z gwintem wewnętrznym NPTF, zewnętrznym JIC

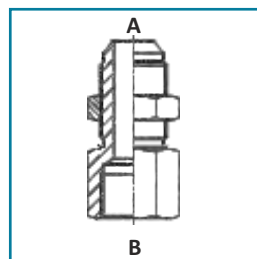
Female NPTF stud coupling, JIC- male



2007 __.3

Korpus złączki prostej grodziowej z gwintem wewnętrznym NPTF, zewnętrznym JIC z przeciwnakrętką

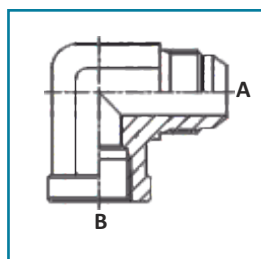
Female NPTF bulkhead connection, JIC- male



2019 __.3

Korpus złączki kolankowej 90° z gwintem wewnętrznym NPTF, zewnętrznym JIC

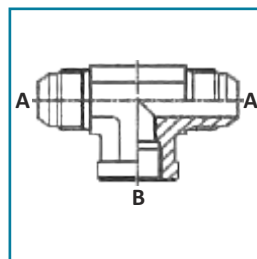
Male JIC stud elbow 45°, NPTF- female



2029 __.3

Korpus złączki trójkątowej (symetrycznej) z gwintem wewnętrznym NPTF, zewnętrznym JIC

Female NPTF stud branch tee, JIC- male



2033 __.3

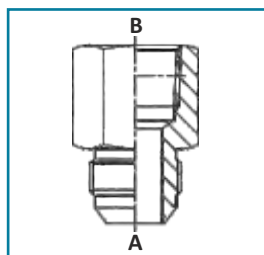


BSP/JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	2006__3	2018__3	2028__3	2032__3
A			B					
7/16-20	6	1/4	1/8	350	200601.3	201801.3	202801.3	203201.3
7/16-20	6	1/4	1/4		200610.3	201810.3	202810.3	203210.3
1/2-20	8	5/16	1/8		200602.3	201802.3	202802.3	203202.3
1/2-20	8	5/16	1/4		200611.3	201811.3	202811.3	203211.3
9/16-18	10	3/8	1/8		-	201812.3	202812.3	203212.3
9/16-18	10	3/8	1/4		200603.3	201803.3	202803.3	203203.3
9/16-18	10	3/8	3/8		200612.3	201813.3	202813.3	203213.3
9/16-18	10	3/8	1/2		200613.3	-	-	-
3/4-16	12	1/2	1/4		200614.3	201814.3	202814.3	203214.3
3/4-16	12	1/2	3/8		200604.3	201804.3	202804.3	203204.3
3/4-16	12	1/2	1/2		200615.3	201815.3	202815.3	203215.3
7/8-14	14-15-16	5/8	1/2		200605.3	201805.3	202805.3	203205.3
1 1/16-12	18-20	3/4	1/2		200616.3	201816.3	202816.3	203216.3
1 1/16-12	18-20	3/4	3/4		200606.3	201806.3	202806.3	203206.3
1 5/16-12	25	1	1	290	200607.3	201807.3	202807.3	203207.3
1 5/8-12	30-32	1 1/4	1	240	200617.3	-	202817.3	203217.3
1 5/8-12	30-32	1 1/4	1 1/4		200608.3	201808.3	202808.3	203208.3
1 7/8-12	38	1 1/2	1 1/4		200618.3	-	202818.3	203218.3
1 7/8-12	38	1 1/2	1 1/2		200609.3	201809.3	202809.3	203209.3

Korpus złączki prostej z gwintem wewnętrznym BSP, zewnętrznym JIC

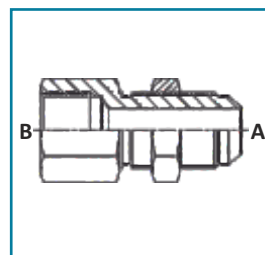
Female BSP stud coupling, JIC- male



2006__3

Korpus złączki prostej grodziowej z gwintem wewnętrznym BSP, zewnętrznym JIC z przeciwnakrętką

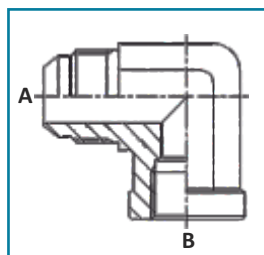
Female BSP bulkhead connection, JIC- male



2018__3

Korpus złączki kolankowej 90° z gwintem wewnętrznym BSP, zewnętrznym JIC

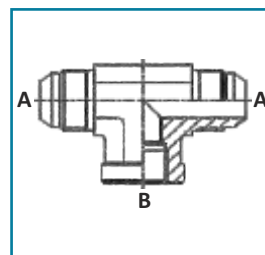
Male JIC stud elbow 90°, BSP- female



2028__3

Korpus złączki trójnikowej (symetrycznej) z gwintem wewnętrznym BSP, zewnętrznym- JIC

Female BSP stud branch tee, JIC- male



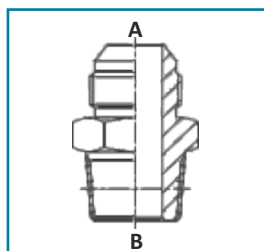
2032__3

NPTF/JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint NPTF Thread	Ciśnienie Pressure (bar)	2009__3	2011__3	2013__3	2015__3	2017__3	2039__	2068__3
A			B								
7/16-20	6	1/4	1/8	350	200901.3	201101.3	201301.3	201501.3	201701.3	203901	206801.3
7/16-20	6	1/4	1/4		200910.3	201110.3	201310.3	201510.3	201710.3	203910	206810.3
7/16-20	6	1/4	3/8		200911.3	201111.3	-	-	-	-	-
7/16-20	6	1/4	1/2		200912.3	201112.3	-	-	-	-	-
1/2-20	8	5/16	1/8		200902.3	201102.3	201302.3	201502.3	201702.3	203902	206802.3
1/2-20	8	5/16	1/4		200913.3	201113.3	201311.3	201511.3	201711.3	203911	206811.3
9/16-18	10	3/8	1/8		200914.3	201114.3	201312.3	-	-	203912	206812.3
9/16-18	10	3/8	1/4		200903.3	201103.3	201303.3	201503.3	201703.3	203903	206803.3
9/16-18	10	3/8	3/8		200915.3	201115.3	201313.3	201512.3	201712.3	203913	206813.3
9/16-18	10	3/8	1/2		200916.3	201116.3	201314.3	-	-	203914	206814.3
3/4-16	12	1/2	1/4		200917.3	201117.3	201315.3	-	-	203915	206815.3
3/4-16	12	1/2	3/8		200904.3	201104.3	201304.3	201504.3	201704.3	203904	206804.3
3/4-16	12	1/2	1/2		200918.3	201118.3	201316.3	201513.3	201713.3	203916	206816.3
3/4-16	12	1/2	3/4		200919.3	201119.3	201317.3	-	-	203917	206817.3
7/8-14	14-15-16	5/8	3/8		200920.3	201120.3	201318.3	201514.3	201714.3	203918	206818.3
7/8-14	14-15-16	5/8	1/2		200905.3	201105.3	201305.3	201505.3	201705.3	203905	206805.3
7/8-14	14-15-16	5/8	3/4		200921.3	201121.3	201319.3	201515.3	201715.3	203919	206819.3
1 1/16-12	18-20	3/4	1/2		200922.3	201122.3	201320.3	201516.3	201716.3	203920	206820.3
1 1/16-12	18-20	3/4	3/4		200906.3	201106.3	201306.3	201506.3	201706.3	203906	206806.3
1 1/16-12	18-20	3/4	1	290	200923.3	201123.3	201321.3	-	-	-	-
1 5/16-12	25	1	3/4		200924.3	201124.3	201322.3	201517.3	201717.3	203921	206821.3
1 5/16-12	25	1	1		200907.3	201107.3	201307.3	201507.3	201707.3	203907	206807.3
1 5/16-12	25	1	1 1/4	240	-	201125.3	-	-	-	-	-
1 5/8-12	30-32	1 1/4	1		200925.3	201126.3	201323.3	201518.3	201718.3	203922	206822.3
1 5/8-12	30-32	1 1/4	1 1/4		200908.3	201106.3	201308.3	201508.3	201708.3	203908	206808.3
1 5/8-12	30-32	1 1/4	1 1/2		-	201127.3	-	-	-	-	-
1 7/8-12	38	1 1/2	1 1/4		200926.3	201128.3	-	-	-	-	-
1 7/8-12	38	1 1/2	1 1/2		200909.3	201109.3	201309.3	201509.3	201709.3	203909	206809.3

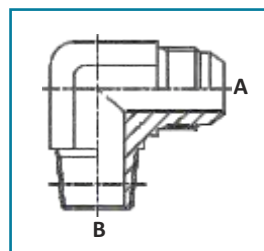


Korpus przyłączy prostej z gwintem NPTF/ JIC
Female stud coupling, NPTF/JIC



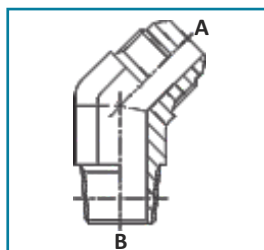
2009__3

Korpus przyłączy kolankowej 90° z gwintem NPTF/ JIC
Male stud elbow, NPTF/JIC



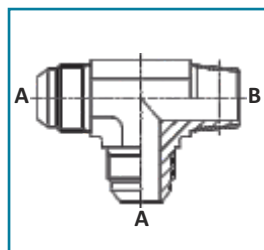
2011__3

Korpus przyłączy kolankowej 45° z gwintem NPTF/ JIC
45° Male stud elbow, NPTF/JIC



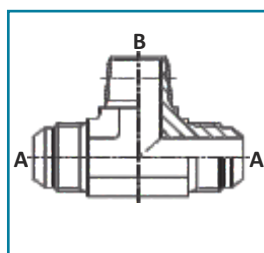
2013__3

Korpus przyłączy trójkątowej (niesymetrycznej) z gwintem NPTF/ JIC
Male stud barrel tee, NPTF/JIC



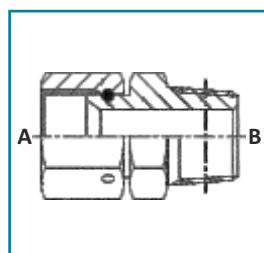
2015__3

Korpus przyłączy trójkątowej (symetrycznej) z gwintem NPTF/ JIC
Male stud branch tee, NPTF/JIC



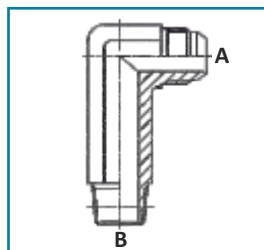
2017__3

Korpus przyłączy prostej, nastawnej z gwintem NPTF/ JIC
Male stud coupling with swivel nut, NPTF/JIC



2039__

Korpus przyłączy kolankowej 90° przedłużonej z gwintem NPTF/ JIC
90° Long male stud elbow coupling, NPTF/JIC

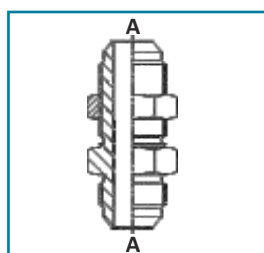


2068__3

JIC

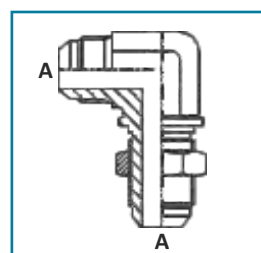
Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Ciśnienie Pressure (bar)	5110-__	5130-__	1900-__-__	5100-__	5120-__
A								
7/16-20	6	1/4	450	5110-04	5130-04	1900-04-04	5100-04	5120-04
1/2-20	8	5/16		5110-05	5130-05	1900-05-05	5100-05	5120-05
9/16-18	10	3/8	350	5110-06	5130-06	1900-06-06	5100-06	5120-06
3/4-16	12	1/2		5110-08	5130-08	1900-08-08	5100-08	5120-08
7/8-14	14-15-16	5/8		5110-10	5130-10	1900-10-10	5100-10	5120-10
1 1/16-12	18-20	3/4		5110-12	5130-12	1900-12-12	5100-12	5120-12
1 5/16-12	25	1	290	5110-16	5130-16	1900-16-16	5100-16	5120-16
1 5/8-12	30-32	1 1/4	240	5110-20	5130-20	1900-20-20	5100-20	5120-20
1 7/8-12	38	1 1/2		5110-24	5130-24	1900-24-24	5100-24	5120-24

Złączka prosta JIC- grodziowa z przeciwnakrętką
Bulkhead connection JIC



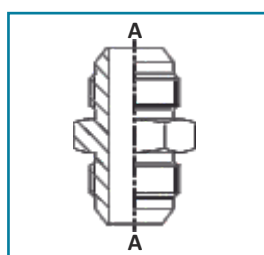
5110-__

Złączka kolankowa 90°- grodziowa z przeciwnakrętką
Bulkhead elbow JIC



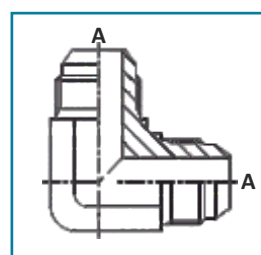
5130-__

Złączka prosta JIC
Straight coupling JIC



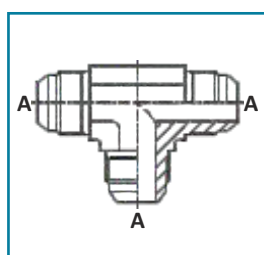
1900-__-__

Złączka kolankowa 90° JIC
Equal elbow JIC



5100-__

Złączka trójkątna JIC
Equal tee JIC



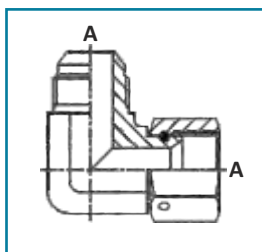
5120-__



JIC

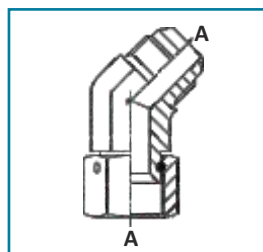
Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Ciśnienie Pressure (bar)	5060-__	2041__3	5080-__	5090-__
A							
7/16-20	6	1/4	450	5060-04	204101.3	5080-04	5090-04
1/2-20	8	5/16		5060-05	204102.3	5080-05	5090-05
9/16-18	10	3/8	350	5060-06	204103.3	5080-06	5090-06
3/4-16	12	1/2		5060-08	204104.3	5080-08	5090-08
7/8-14	14-15-16	5/8		5060-10	204105.3	5080-10	5090-10
1 1/16-12	18-20	3/4		5060-12	204106.3	5080-12	5090-12
1 5/16-12	25	1	290	5060-16	204107.3	5080-16	5090-16
1 5/8-12	30-32	1 1/4	240	5060-20	204108.3	5080-20	5090-20
1 7/8-12	38	1 1/2		5060-24	204109.3	5080-24	5090-24

Złączka kolankowa 90° nastawna JIC
90° Adjustable elbow with swivel nut, JIC



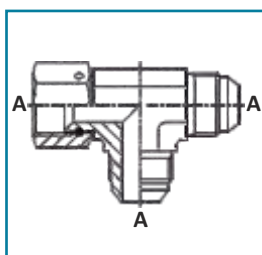
5060-__

Korpus złączki kolankowej 45° nastawnej, z gwintem JIC
45° Adjustable elbow with swivel nut, JIC



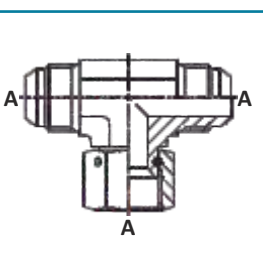
2041__3

Złączka trójnikowa (niesymetryczna)- nastawna JIC
Adjustable barrel tee with swivel nut, JIC



5080-__

Złączka trójnikowa (symetryczna)- nastawna JIC
Adjustable branch tee with swivel nut, JIC



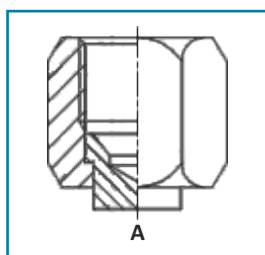
5090-__



UNF/ JIC

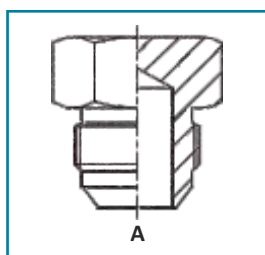
Gwint JIC Thread A	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Ciśnienie Pressure (bar)	J608-__	J605-__	2075__
7/16-20	6	1/4	450	J608-04	J605-04	207501
1/2-20	8	5/16		J608-05	J605-05	207502
9/16-18	10	3/8	350	J608-06	J605-06	207503
3/4-16	12	1/2		J608-08	J605-08	207504
7/8-14	14-15-16	5/8		J608-10	J605-10	207505
1 1/16-12	18-20	3/4		J608-12	J605-12	207506
1 5/16-12	25	1	290	J608-16	J605-16	207507
1 5/8-12	30-32	1 1/4	240	J608-20	J605-20	207508
1 7/8-12	38	1 1/2		J608-24	J605-24	207509

Korek zamykający- gwint wewnętrzny JIC
Female plug JIC



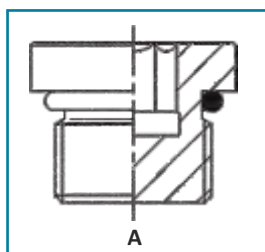
J608-__

Korek zamykający JIC
Tube plug JIC



J605-__

Korek zamykający pod klucz imbusowy z o-ringiem, gwint UNF
Closure plug with hexagon socket head and o-ring, UNF



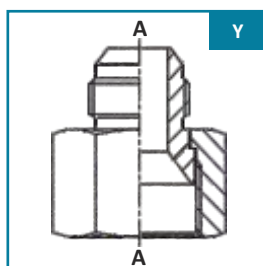
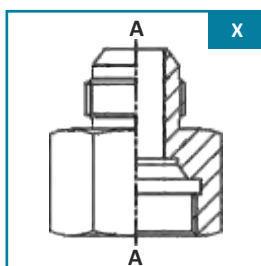
2075__



JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Ø Rura calowa Tube inch	Forma Form	Ciśnienie Pressure (bar)	2034__3
A							
1/2-20	8	6	5/16	1/4	X	450	203401.3
9/16-18	10	6	3/8	1/4	Y	350	203402.3
3/4-16	12	6	1/2	1/4	Y		203403.3
7/8-14	14-15-16	6	5/8	1/4	Y		203404.3
1 1/16-12	18-20	6	3/4	1/4	Y		203405.3
1 5/16-12	25	6	1	1/4	Y	290	203406.3
1 5/8-12	30-32	6	1 1/4	1/4	Y	240	203407.3
1 7/8-12	38	6	1 1/2	1/4	Y		203408.3
9/16-18	10	8	3/8	5/16	X	350	203409.3
3/4-16	12	8	1/2	5/16	Y		203410.3
7/8-14	14-15-16	8	5/8	5/16	Y		203411.3
1 1/16-12	18-20	8	3/4	5/16	Y		203412.3
1 5/16-12	25	8	1	5/16	Y	290	203413.3
1 5/8-12	30-32	8	1 1/4	5/16	Y	240	203414.3
1 7/8-12	38	8	1 1/2	5/16	Y		203415.3
3/4-16	12	10	1/2	3/8	Y	350	203416.3
7/8-14	14-15-16	10	5/8	3/8	Y		203417.3
1 1/16-12	18-20	10	3/4	3/8	Y		203418.3
1 5/16-12	25	10	1	3/8	Y	290	203419.3
1 5/8-12	30-32	10	1 1/4	3/8	Y	240	203420.3
1 7/8-12	38	10	1 1/2	3/8	Y		203421.3
7/8-14	14-15-16	12	5/8	1/2	X	350	203422.3
1 1/16-12	18-20	12	3/4	1/2	Y		203423.3
1 5/16-12	25	12	1	1/2	Y	290	203424.3
1 5/8-12	30-32	12	1 1/4	1/2	Y	240	203425.3
1 7/8-12	38	12	1 1/2	1/2	Y		203426.3
1 1/16-12	18-20	14-15-16	3/4	5/8	X	350	203427.3
1 5/16-12	25	14-15-16	1	5/8	Y	290	203428.3
1 5/8-12	30-32	14-15-16	1 1/4	5/8	Y	240	203429.3
1 7/8-12	38	14-15-16	1 1/2	5/8	Y		203430.3
1 5/16-12	25	18-20	1	3/4	Y	290	203431.3
1 5/8-12	30-32	18-20	1 1/4	3/4	Y	240	203432.3
1 7/8-12	38	18-20	1 1/2	3/4	Y		203433.3
1 5/8-12	30-32	25	1 1/4	1	Y		203434.3
1 7/8-12	38	25	1 1/2	1	Y		203435.3
1 7/8-12	38	30-32	1 1/2	1 1/4	Y		203436.3

Złączka redukcyjna nastawna z gwintem wewnętrznym, zewnętrznym- JIC
Adjustable straight male/ female reduction, JIC



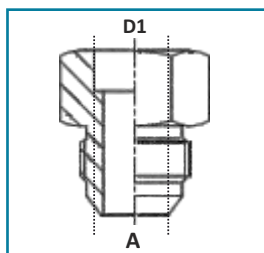
2034__

JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	D1	Ciśnienie Pressure (bar)	2069__	2070__	2071__
A							
7/16-20	6	1/4	6	450	206901	-	207101
7/16-20	6	1/4	15		-	207001	-
1/2-20	8	5/16	10		206902	-	207102
1/2-20	8	5/16	15		-	207002	-
1/2-20	8	5/16	16		-	207010	-
9/16-18	10	3/8	10	350	206903	-	207103
9/16-18	10	3/8	12		206910	-	207110
9/16-18	10	3/8	15		-	207003	-
9/16-18	10	3/8	16		-	207011	-
9/16-18	10	3/8	22		-	207012	-
3/4-16	12	1/2	12		206904	-	207104
3/4-16	12	1/2	16		206911	-	207111
3/4-16	12	1/2	18		206912	207014	-
3/4-16	12	1/2	20		-	207004	-
3/4-16	12	1/2	22		-	207013	-
7/8-14	14-15-16	5/8	14		-	-	207112
7/8-14	14-15-16	5/8	16		206905	-	207105
7/8-14	14-15-16	5/8	18		206913	-	207113
7/8-14	14-15-16	5/8	22		206914	207015	207114
7/8-14	14-15-16	5/8	23		-	207005	-
7/8-14	14-15-16	5/8	27		-	207016	-
1 1/16-12	18-20	3/4	18		206915	-	207115
1 1/16-12	18-20	3/4	20		206906	-	207106
1 1/16-12	18-20	3/4	25		206916	-	207116
1 1/16-12	18-20	3/4	28		-	207006	-
1 5/16-12	25	1	25	290	206907	-	207107
1 5/16-12	25	1	27		206917	-	-
1 5/16-12	25	1	32		206918	-	207117
1 5/16-12	25	1	35		-	207007	-
1 5/8-12	30-32	1 1/4	30	240	-	-	207118
1 5/8-12	30-32	1 1/4	32		206908	-	207108
1 5/8-12	30-32	1 1/4	38		206919	-	207119
1 5/8-12	30-32	1 1/4	42		-	207008	-
1 7/8-12	38	1 1/2	38		206909	-	207109
1 7/8-12	38	1 1/2	50		-	207009	-

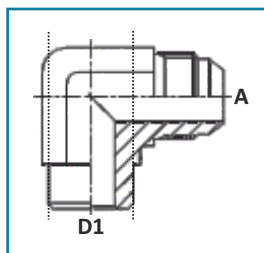


Końcówka do spawania JIC
Female straight welding coupling JIC



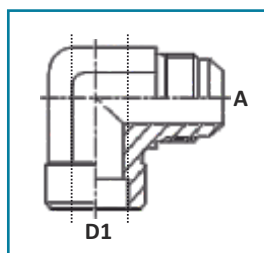
2069__

Końcówka kolankowa 90° do spawania z gwintem JIC
90° Male welding elbow JIC



2070__

Końcówka kolankowa 90° do spawania z gwintem JIC
90° Female welding elbow JIC



2071__

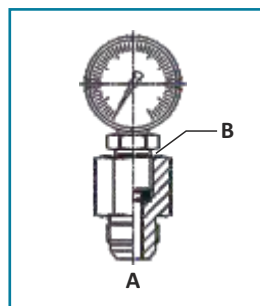


BSP/ JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	2056__3
A			B		
7/16-20	6	1/4	1/4	350	205601.3
9/16-18	8	5/16	1/4		205602.3
9/16-18	10	3/8	1/4		205603.3
3/4-16	12	1/2	1/4		205604.3
7/16-20	6	1/4	1/2		205605.3
9/16-18	8	5/16	1/2		205606.3
9/16-18	10	3/8	1/2		205607.3
3/4-16	12	1/2	1/2		205608.3

Korpus złączki pod manometr

Gauge coupling BSP/JIC- male



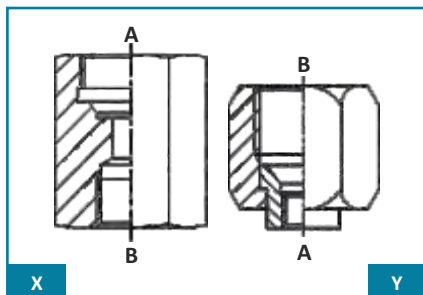
2056__

BSP/ JIC

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura stalowa Tube inch	Gwint BSP Thread	Forma Form	Ciśnienie Pressure (bar)	2057__
A			B			
7/16-20	6	1/4	1/4	X	350	205701
9/16-18	8	5/16	1/4	X		205702
9/16-18	10	3/8	1/4	X		205703
3/4-16	12	1/2	1/4	X		205704
7/8-14	14-15-16	5/8	1/4	X		205705
1 1/16-12	18-20	3/4	1/4	Y		205706
1 5/16-12	25	1	1/4	Y	290	205707
1 5/8-12	30-32	1 1/4	1/4	Y	240	205708
1 7/8-12	38	1 1/2	1/4	Y		205709

Złączka pod manometr gwint wewnętrzny BSP 1/4", wewnętrzny JIC

Gauge coupling BSP/JIC



2057__



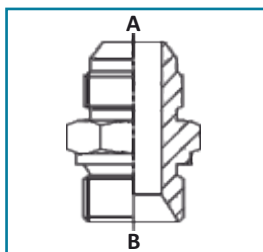
BSP/JIC

JIC/UNF

Gwint JIC Thread	Ø Rura metryczna Tube metric	Ø Rura calowa Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	1905-__-__	Gwint UNF Thread	Ciśnienie Pressure (bar)	1907-__-__
A			B			B		
7/16-20	6	1/4	1/8	350	1905-02-04	7/16-20	350	1907-04-04
7/16-20	6	1/4	1/4		1905-04-04	1/2-20		1907-04-05
7/16-20	6	1/4	3/8		1905-06-04	9/16-18		1907-04-06
7/16-20	6	1/4	1/2		1905-08-04	-		-
1/2-20	8	5/16	1/8		1905-02-05	-		-
1/2-20	8	5/16	1/4		1905-04-05	-		-
1/2-20	8	5/16	3/8		1905-06-05	-		-
9/16-18	10	3/8	1/4		1905-04-06	9/16-18		1907-06-06
9/16-18	10	3/8	3/8		1905-06-06	3/4-16		1907-08-06
9/16-18	10	3/8	1/2		1905-08-06	-		-
3/4-16	12	1/2	1/4		1905-04-08	3/4-16		1907-08-08
3/4-16	12	1/2	3/8		1905-06-08	7/8-14		1907-08-10
3/4-16	12	1/2	1/2		1905-08-08	1.1/16-12		1907-08-12
3/4-16	12	1/2	3/4		1905-12-08	-		-
7/8-14	14-15-16	5/8	3/8	240	1905-06-10	3/4-16	240	1907-10-08
7/8-14	14-15-16	5/8	1/2		1905-08-10	7/8-14		1907-10-10
7/8-14	14-15-16	5/8	3/4		1905-12-10	1.1/16-12		1907-10-12
1.1/16-12	18-20	3/4	1/2		1905-08-12	3/4-16		1907-12-08
1.1/16-12	18-20	3/4	3/4		1905-12-12	7/8-14		1907-12-10
1.1/16-12	18-20	3/4	1		1905-16-12	1.1/16-12		1907-12-12
1.1/16-12	18-20	3/4	-		-	1.5/16-12		1907-12-16
1.5/16-12	25	1	3/4		1905-12-16	1.1/16-12		1907-16-12
1.5/16-12	25	1	1	200	1905-16-16	1.5/16-12	200	1907-16-16
1.5/16-12	25	1	1.1/4		1905-20-16	1.5/8-12		1907-16-20
1.5/8-12	30-32	1.1/4	1		1905-16-20	1.5/8-12		1907-20-20
1.5/8-12	30-32	1.1/4	1.1/4		1905-20-20	1.7/8-12		1907-24-24
1.7/8-12	38	1.1/2	1.1/4		1905-20-24	-	-	-
1.7/8-12	38	1.1/2	1.1/2		1905-24-24	-	-	-

Złączka prosta BSP/ JIC

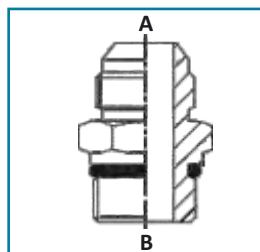
Straight male connector BSP/ JIC



1905-__-__

Przylączka prosta UNF/ JIC

Male straight connector UNF/JIC



1907-__-__

ZASADA DZIAŁANIA - ROZSZERZONA RURA (KIELICHOWANA).

Złącze produkowane zgodnie z normą **ISO 8434-3/SAE J1453**, jest złączem mechanicznym, tradycyjnie stosowanym w dynamicznych układach wysokociśnieniowych. Uszczelnienie jest wytworzone pomiędzy dwoma płaskimi powierzchniami, metal do metalu, bez deformacji części składowych, z dodatkowym uszczelnieniem elastomerowym (O-ring) umieszczonym wewnątrz rowka frontowej części przyłącza.

Połączenie między korpusem przyłącza, a (rozszerzoną) kielichowaną rurą gwarantowane jest przez nakrętkę dociskową oraz wewnętrzną tuleję. Umożliwia to szybki montaż unikając spawania oraz gwintowania, w ten sposób zapewniając maksymalną prostotę dla złożonych systemów hydraulicznych. Ponowne montaż nie zmieniają wydajności połączenia. *Patrz rysunek numer 1.*

ZASADA DZIAŁANIA - LUTOWANA RURA.

Złącze produkowane zgodnie z normą **ISO 8434-3/SAE J1453**, jest złączem mechanicznym tradycyjnie stosowanym w dynamicznych układach wysokociśnieniowych. Uszczelnienie jest wytworzone pomiędzy dwoma płaskimi powierzchniami, metal do metalu, bez deformacji części składowych, z dodatkowym uszczelnieniem elastomerowym (O-ring) umieszczonym wewnątrz rowka frontowej części przyłącza.

Połączenie między korpusem przyłącza, a lutowaną rurą gwarantowane jest przez nakrętkę dociskową. Pomocne jest w szybkim montażu unikając kielichowania oraz gwintowania, w ten sposób zapewniając maksymalną prostotę dla złożonych systemów hydraulicznych. Ponowne montaż nie zmieniają wydajności połączenia. *Patrz rysunek numer 2.*

THEORY OF OPERATION - FLARED TUBE.

The fitting, manufactured according to **ISO 8434-3/SAE J1453**, is a mechanical fitting traditionally used for high pressure fluid-dynamic systems. The sealing is made between two flat surfaces, metal to metal, with no deformation of the components, plus an elastomeric sealing (O-Ring) placed into a groove on the front surface of the fitting.

The coupling between the body of the fitting and the flared tube is guaranteed by the tightening nut and by the sleeve on the inside. It helps fast assembly of removable tubes, avoids welding and tapping, thus assuring maximum simplicity for complex oleo-dynamic systems. Repeated assemblies do not alter the performance of the coupling.

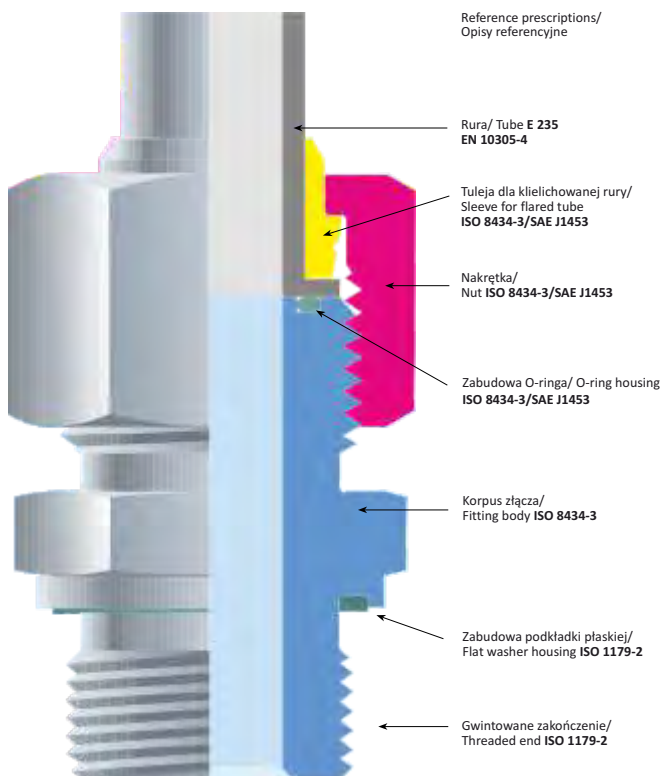
See drawing No. 1.

THEORY OF OPERATION - BRAZED TUBE.

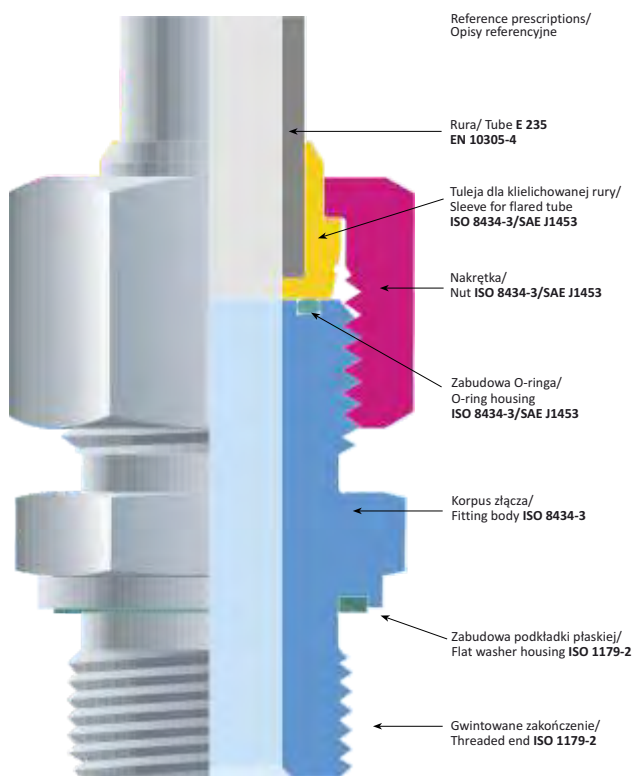
The fitting, manufactured according to **ISO 8434-3/SAE J1453**, is a mechanical fitting traditionally used for high pressure fluid-dynamic systems. The sealing is made between two flat surfaces, metal to metal, with no deformation of the components, plus an elastomeric sealing (O-Ring) placed into a groove on the front surface of the fitting.

The coupling between the body of the fitting and the brazed tube is guaranteed by the tightening nut. It helps fast assembly of removable tubes, avoids flaring and tapping, thus assuring maximum simplicity for complex oleo-dynamic systems. Repeated assemblies do not alter the performance of the coupling.

See drawing No. 2.

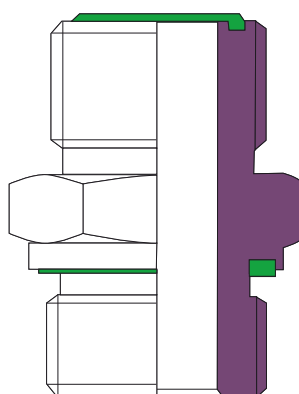


Rysunek numer 1/ Drawing No.1



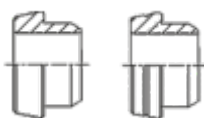
Rysunek numer 2/ Drawing No. 2

Calowe ORFS SAE J1453



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4001__ & 4001__.W



ORFS

4002__ & 4002__.W



ORFS

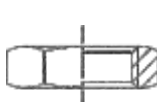
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strona / page

4003__



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4078__



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4004__



BSP/ORFS

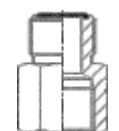
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BSP/ORFS

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strona / page

4010__



ORFS/BSP

4015__



ORFS/BSP

99-100
strona / page

4007__



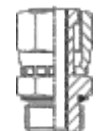
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BSP/ORFS

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BSP/ORFS

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4076__



ORFS

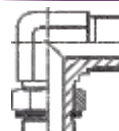
4077__



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4051__



BSP/UNF

4054__



BSP/UNF

4057__



BSP/UNF

4060__



BSP/ORFS

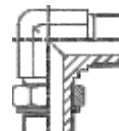
4069__



BSP/ORFS

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strona / page

4052__



M/ORFS

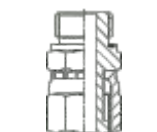
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4005__



M/ORFS

4034__



M/ORFS

4008__



M/ORFS

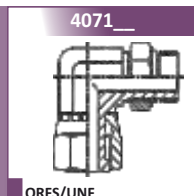
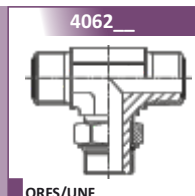
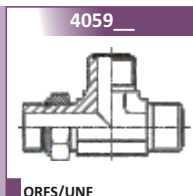
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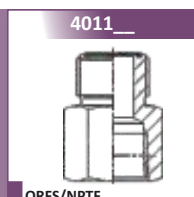
M/ORFS



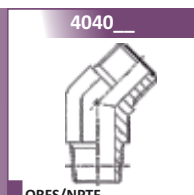
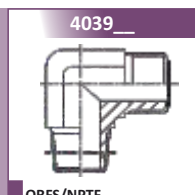
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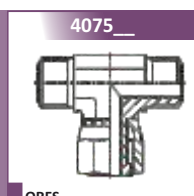
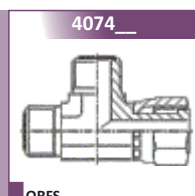
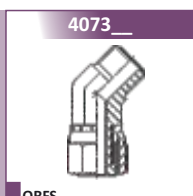
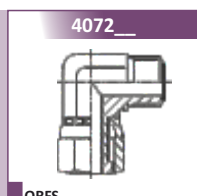
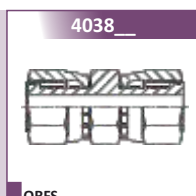
105-106
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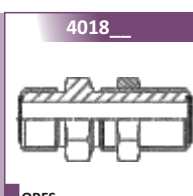
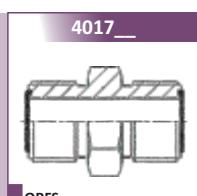
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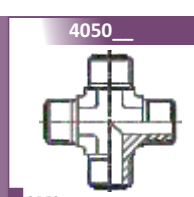
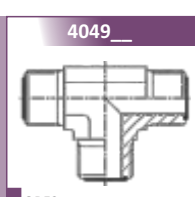
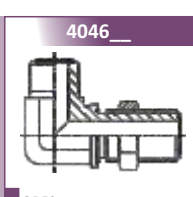
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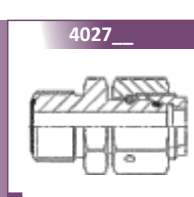
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strona/ page



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strona/ page



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strona/ page

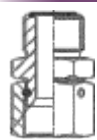
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strona/ page

40280__3



ORFS/JIC

40290__3



ORFS/JIC

40300__3



ORFS/JIC

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strona/ page

4031__



ORFS/BSP

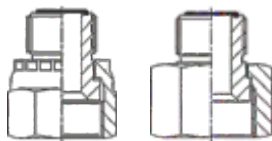
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ORFS/BSP

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strona/ page

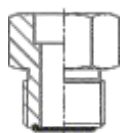
4019__



ORFS

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4020__ & 4020__.W



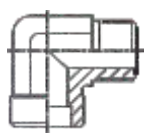
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4021__ & 4021__.W



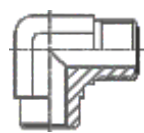
ORFS

4042__



ORFS

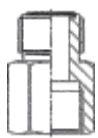
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ORFS

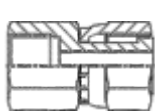
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strona/ page

4022__



ORFS/BSP

4024__



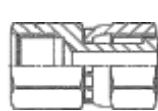
ORFS/BSP

4023__



ORFS/M

4025__



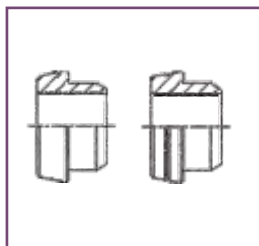
ORFS/M



ORFS

Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury metrycznej Tube inch	Ø Rury calowej Tube metric	Ø Rury calowej Tube inch	Ciśnienie Pressure (bar)	4001__	4001__.W	4002__	4002__.W	4002__.W
A	A ^M	B ^M	A ^W	B ^W						
1 11/16	6	-	1/4	-	630	400101	400101.W	400201	400201.W	-
1 11/16	8	-	5/16	-		400109	400109.W	400209	400209.W	-
1 11/16	10	-	3/8	-		400102	400102.W	400202	400202.W	-
9/16	12	-	1/2	-		400103	400103.W	400203	400203.W	-
11/16	14	-	-	-	420	400110	-	400210	-	-
11/16	15	-	-	-		400111	-	400211	-	-
13/16	16	-	5/8	-		400104	400104.W	400204	400204.W	-
1	18	-	-	-		400112	-	400212	-	-
1	20	-	3/4	-		400105	400105.W	400205	400205.W	-
1	22	-	7/8	-		400113	-	400213	400213.W	-
1 3/16	25	-	1	-		400106	400106.W	400206	400206.W	-
1 3/16	28	-	-	-		400114	-	400214	-	-
1 7/16	30	-	1 1/4	-	280	400107	400107.W	400207	400207.W	-
1 7/16	32	-	-	-		400115	-	400215	-	-
2	35	-	-	-		400116	-	400216	-	-
2	38	-	1 1/2	-		400108	400108.W	400208	400208.W	-
11/16	8-10	6	5/16-3/8	1/4	630	-	-	400217	-	400217.W
13/16	12	6	1/2	1/4		-	-	400218	-	400218.W
13/16	12	10	1/2	3/8		-	-	400219	-	400219.W
1	14-15-16	6	5/8	1/4	420	-	-	400220	-	400220.W
1	14-15-16	10	5/8	3/8		-	-	400221	-	400221.W
1	14-15-16	12	5/8	1/2		-	-	400222	-	400222.W
1 3/16	18-20	6	3/4	1/4		-	-	400223	-	400223.W
1 3/16	18-20	10	3/4	3/8		-	-	400224	-	400224.W
1 3/16	18-20	12	3/4	1/2		-	-	400225	-	400225.W
1 3/16	18-20	16	3/4	5/8		-	-	400226	-	400226.W
1 7/16	22-25	12	7/8	1/2		-	-	400227	-	400227.W
1 7/16	22-25	16	7/8-1	5/8		-	-	400228	-	400228.W
1 11/16	22-25	20	7/8-1	3/4		-	-	400229	-	400229.W
1 7/16	22-25	22	7/8-1	7/8		-	-	400230	-	400230.W
1 7/16	28-30-32	20	1 1/4	3/4	280	-	-	400231	-	400231.W
1 11/16	28-30-32	25	1 1/4	1		-	-	400232	-	400232.W
2	35-38	25	1 1/2	1		-	-	400233	-	400233.W
2	35-38	30	1 1/2	1 1/4		-	-	400234	-	400234.W

Pierścień ORFS
Sleevers



4001__

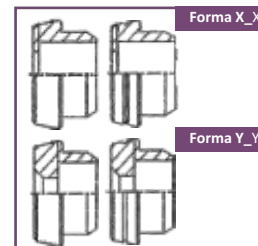
4001__.W

Pierścień do lutowania
Brazed sleeves



4002__

4002__.W



Forma X_X Form

Forma Y_Y Form

ORFS

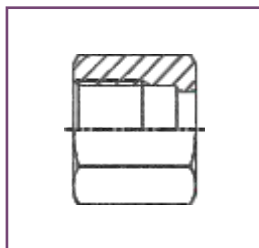
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Ciśnienie Pressure (bar)	4003__	4078__
A					
9/16	6	1/4	630	400301	407801
11/16	8-10	5/16-3/8		400302	407802
13/16	12	1/2		400303	407803
1	14-15-16	5/8	420	400304	407804
1 3/16	18-20	3/4		400305	407805
1 7/16	22-25	7/8-1		400306	407806
1 11/16	28-30-32	1 1/4	280	400307	407807
2	35-38	1 1/2		400308	407808

BSP/ORFS

Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4004__	Ciśnienie Pressure (bar)	4033__
A			B				
9/16	6	1/4	1/8	630	400401	420	403301
9/16	6	1/4	1/4		400409		403309
9/16	6	1/4	3/8		400410		-
9/16	6	1/4	1/2		400411		-
11/16	8-10	5/16-3/8	1/8		400412		-
11/16	8-10	5/16-3/8	1/4		400402		403302
11/16	8-10	5/16-3/8	3/8		400413		403310
11/16	8-10	5/16-3/8	1/2		400414		-
11/16	8-10	5/16-3/8	3/4	420	400415	420	-
13/16	12	1/2	1/4	630	400416		-
13/16	12	1/2	3/8		400403		403303
13/16	12	1/2	1/2		400417		403311
13/16	12	1/2	3/4	420	400418		-
1	14-15-16	5/8	1/4		400419		-
1	14-15-16	5/8	3/8		400420		-
1	14-15-16	5/8	1/2		400404		403304
1	14-15-16	5/8	3/4		400421		-
1	14-15-16	5/8	1		400422		-
1 3/16	18-20	3/4	1/4		400423		-
1 3/16	18-20	3/4	1/2		400424		-
1 3/16	18-20	3/4	3/4		400405		403305
1 3/16	18-20	3/4	1		400425		-
1 3/16	18-20	3/4	1 1/4		400426		403312
1 7/16	22-25	7/8-1	1/4	280	400427	280	-
1 7/16	22-25	7/8-1	3/4		400428		-
1 7/16	22-25	7/8-1	1		400406		403306
1 7/16	22-25	7/8-1	1 1/4		400429		-
1 7/16	22-25	7/8-1	1 1/2		400430		-
1 1 1/16	28-30-32	1 1/4	1		400431		-
1 1 1/16	28-30-32	1 1/4	1 1/4		400407		403307
1 1 1/16	28-30-32	1 1/4	1 1/2		400432		-
2	35-38	1 1/2	1 1/2		400408		403308

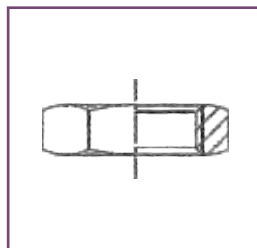


Nakrętka
Nut



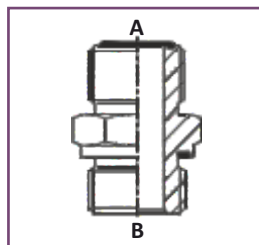
4003__

Przeciwnakrętka
Locknut



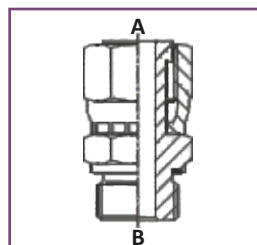
4078__

Przylączka prosta BSP/ ORFS z pierścieniem uszczelniającym
Male stud coupling with elastomer seal, thread BSP/ORFS parallel



4004__

Przylączka prosta z gwintem BSP/ ORFS z nakrętką i pierścieniem uszczelniającym
Male stud coupling with crimped nut and elastomer seal, thread BSP/ORFS parallel

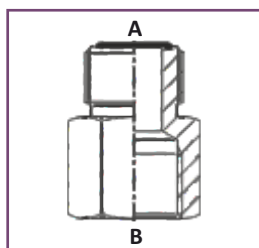


4033__

ORFS/BSP

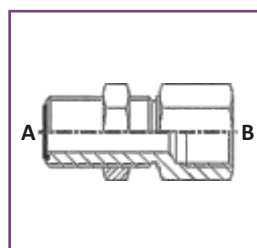
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4010__	4015__
A			B			
9/16	6	1/4	1/4	630	401001	401501
11/16	8-10	5/16-3/8	1/4		401002	401502
13/16	12	1/2	1/4		401009	-
13/16	12	1/2	3/8		401003	401503
1	14-15-16	5/8	1/2	420	401004	401504
1 3/16	18-20	3/4	1/2		401010	-
1 3/16	18-20	3/4	3/4		401005	401505
1 7/16	22-25	7/8-1	1		401006	401506
1 11/16	28-30-32	1 1/4	1 1/4	280	401007	401507
2	35-38	1 1/2	1 1/2		401008	401508

Złączka redukcyjna z gwintem zewnętrznym- wewnętrznym ORFS/ BSP
Female BSP coupling/ male ORFS



4010__

Złączka redukcyjna- grodziowa z gwintem zewnętrznym- wewnętrznym ORFS/ BSP
Female bulkhead connection BSP/ORFS male

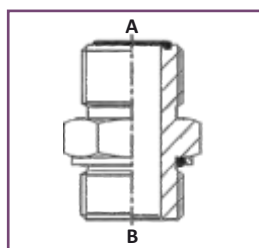


4015__

BSP/ORFS

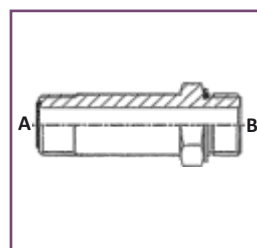
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4007__	4012__	Ciśnienie Pressure (bar)	4036__
A			B					
9/16	6	1/4	1/8	350	400701	401201	400	403601
9/16	6	1/4	1/4	400	400709	401209		403609
9/16	6	1/4	3/8	350	400710	401210		-
9/16	6	1/4	1/2	315	400711	-		-
11/16	8-10	5/16-3/8	1/8	350	400712	-		-
11/16	8-10	5/16-3/8	1/4	400	400702	401202	400	403602
11/16	8-10	5/16-3/8	3/8	350	400713	401211	350	403610
11/16	8-10	5/16-3/8	1/2	315	400714	401212		-
11/16	8-10	5/16-3/8	3/4		400715	-		-
13/16	12	1/2	1/4	400	400716	401213		-
13/16	12	1/2	3/8	350	400703	401203		403603
13/16	12	1/2	1/2	315	400717	401214	315	403611
13/16	12	1/2	3/4		400718	401215		-
1	14-15-16	5/8	1/4	400	400719	-		-
1	14-15-16	5/8	3/8	350	400720	401216		-
1	14-15-16	5/8	1/2	315	400704	401204		403604
1	14-15-16	5/8	3/4		400721	401217		-
1	14-15-16	5/8	1	280	400722	-		-
1 13/16	18-20	3/4	1/4	400	400723	-	200	-
1 13/16	18-20	3/4	1/2	315	400724	401218		-
1 13/16	18-20	3/4	3/4		400705	401205		403605
1 13/16	18-20	3/4	1	200	400725	401219		-
1 13/16	18-20	3/4	1 1/4		400726	401220		403612
1 7/16	22-25	7/8-1	1/4	400	400727	-	280	-
1 7/16	22-25	7/8-1	3/4	315	400728	401221		-
1 7/16	22-25	7/8-1	1	280	400706	401206		403606
1 7/16	22-25	7/8-1	1 1/4		400729	401222		-
1 7/16	22-25	7/8-1	1 1/2	250	400730	-		-
1 1 1/16	28-30-32	1 1/4	1	280	400731	401223	250	-
1 1 1/16	28-30-32	1 1/4	1 1/4		400707	401207		403607
1 1 1/16	28-30-32	1 1/4	1 1/2	250	400732	-		-
2	35-38	1 1/2	1 1/2		400708	401208	250	403608

Korpus przyłączki prostej BSP/ ORFS (o-ring+podkładka)
Male stud coupling with o-ring and washer BSP/ ORFS



4007__

Korpus przyłączki prostej, przedłużanej BSP/ ORFS (o-ring+podkładka)
Long male stud coupling with o-ring and washer BSP/ ORFS

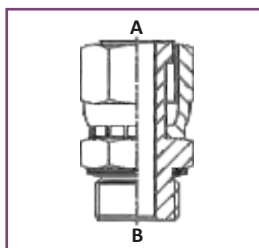


4012__



**Korpus przyłączy prostej z nakrętką obrotową BSP/ ORFS
(o-ring+podkładka)**

Male stud coupling with crimped nut o-ring and washer BSP/ ORFS

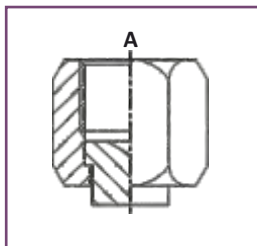


4036__

ORFS

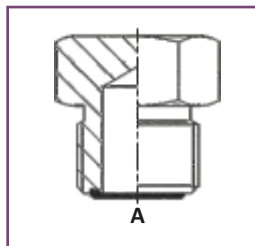
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Ciśnienie Pressure (bar)	4076__	4077__
A					
9/16-18	6	1/4	630	407601	407701
11/16-16	8-10	5/16-3/8		407602	407702
13/16-16	12	1/2		407603	407703
1-14	14-15-16	5/8	420	407604	407704
1 3/16-12	18-20	3/4		407605	407705
1 7/16-12	22-25	7/8-1		407606	407706
1 11/16-12	28-30-32	1 1/4	280	407607	407707
2-12	35-38	1 1/2		407608	407708

**Korek zamykający ORFS- gwint wewnętrzny
Female plug thread ORFS**



4076__

**Korek zamykający ORFS- gwint zewnętrzny
Pipe plug- male thread ORFS**

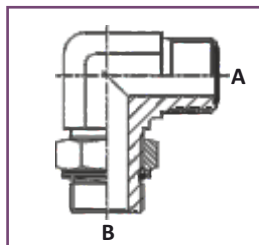


4077__

BSP/ORFS

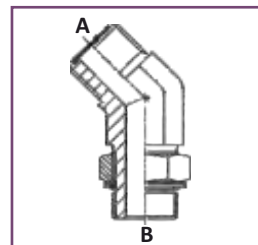
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury stalowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4051__	4054__	4057__	4060__	4069__
A			B						
9/16	6	1/4	1/8	350	405101	405401	405701	406001	406901
9/16	6	1/4	1/4	315	405109	405409	405709	406009	-
9/16	6	1/4	3/8	250	405110	405410	405710	406010	-
11/16	8-10	5/16-3/8	1/4	315	405102	405402	405702	406002	406902
11/16	8-10	5/16-3/8	3/8	250	405111	405411	405711	406011	-
11/16	8-10	5/16-3/8	1/2		405112	405412	405712	406012	-
13/16	12	1/2	1/4	315	405113	405413	405713	406013	-
13/16	12	1/2	3/8	250	405103	405403	405703	406003	406903
13/16	12	1/2	1/2		405114	405414	405714	406014	-
13/16	12	1/2	3/4		405115	405415	405715	406015	-
1	14-15-16	5/8	1/4	315	405116	405416	405716	406016	-
1	14-15-16	5/8	3/8	250	405117	405417	405717	406017	-
1	14-15-16	5/8	1/2		405104	405404	405704	406004	406904
1	14-15-16	5/8	3/4		405118	405418	405718	406018	-
1	14-15-16	5/8	1	200	405119	405419	405719	406019	-
1 3/16	18-20	3/4	1/4	315	405120	405420	405720	406020	-
1 3/16	18-20	3/4	1/2	250	405121	405421	405721	406021	-
1 3/16	18-20	3/4	3/4	250	405105	405405	405705	406005	406905
1 3/16	18-20	3/4	1	200	405122	405422	405722	406022	-
1 7/16	22-25	7/8-1	1/4	315	405123	405423	405723	406023	-
1 7/16	22-25	7/8-1	3/4	250	405124	405424	405724	406024	-
1 7/16	22-25	7/8-1	1	200	405106	405406	405706	406006	406906
1 7/16	22-25	7/8-1	1 1/4		405125	405425	405725	406025	-
1 11/16	28-30-32	1 1/4	1		405126	405426	405726	406026	-
1 11/16	28-30-32	1 1/4	1 1/4		405107	405407	405707	406007	406907
1 11/16	28-30-32	1 1/4	1 1/2	160	405127	405427	405727	406027	-
2	35-38	1 1/2	1 1/2		405108	405408	405708	406008	406908

Przylączka kolankowa 90° BSP/ORFS z przeciwnakrętką, o-ringiem i podkładką
90° adjustable male stud elbow with o-ring and washer, thread BSP/ORFS parallel



4051__

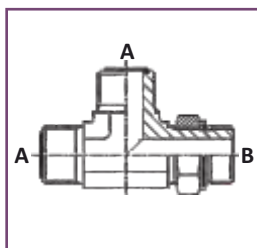
Przylączka kolankowa 45° BSP/ORFS z przeciwnakrętką, o-ringiem i podkładką
45° Adjustable male stud elbow with o-ring and washer, thread BSP/ORFS parallel



4054__

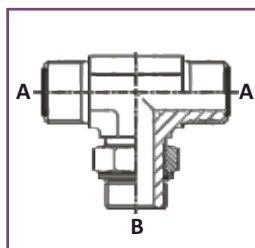


Przyłączka trójnikowa niesymetryczna BSP/ ORFS z przeciwnakrętką, o-ringiem i podkładką
Adjustable male stud barrel tee with o-ring and washer, thread BSP/ORFS parallel



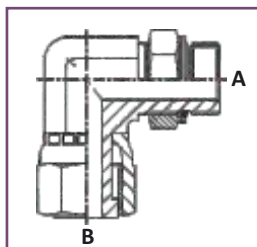
4057__

Przyłączka trójnikowa symetryczna BSP/ ORFS z przeciwnakrętką, o-ringiem i podkładką
Adjustable male stud branch tee with o-ring and washer, thread BSP/ORFS parallel



4060__

Przyłączka kolankowa 90° nastawna BSP/ ORFS z nakrętką obrotową, przeciwnakrętką, o-ringiem i podkładką
Adjustable male stud elbow 90° with crimped nut, o-ring and washer, thread BSP/ORFS parallel

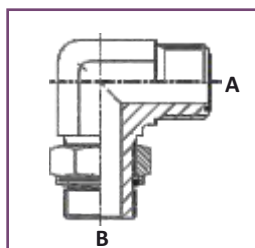


4069__

M/ORFS

Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	4052__
A			B		
9/16	6	1/4	10x1	315	405209
9/16	6	1/4	12x1,5		405201
11/16	8-10	5/16-3/8	14x1,5		405202
11/16	8-10	5/16-3/8	16x1,5		405210
13/16	12	1/2	16x1,5		405211
13/16	12	1/2	18x1,5		405203
13/16	12	1/2	22x1,5	250	405212
1	14-15-16	5/8	18x1,5	315	405213
1	14-15-16	5/8	22x1,5	250	405204
1	14-15-16	5/8	27x2		405214
3/4	18-20	3/4	22x1,5		405215
3/4	18-20	3/4	27x2		405205
3/4	18-20	3/4	33x2	160	405216
1 7/16	22-25	7/8-1	27x2	250	405217
1 3/16	22-25	7/8-1	33x2	160	405206
1 3/16	22-25	7/8-1	42x2		405218
1 11/16	28-30-32	1 1/4	42x2		405207
1 11/16	28-30-32	1 1/4	48x2		405219
2	35-38	1 1/2	48x2		405208

Przyłączka kolankowa 90° M/ ORFS z przeciwnakrętką, o-ringiem i podkładką
90° adjustable male stud elbow with o-ring and washer M/ ORFS

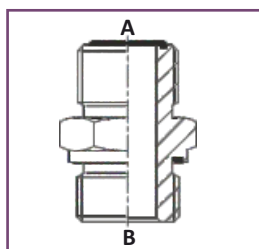


4052__

M/ORFS

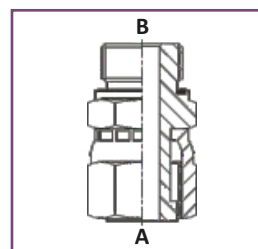
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury stalowej Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	4005__	4034__	Ciśnienie Pressure (bar)	4008__	Ciśnienie Pressure (bar)	4037__
A			B							
9/16	6	1/4	10x1	350	400509	403409	400	400809	400	403709
9/16	6	1/4	12x1,5	630	400501	403401		400801		403701
9/16	6	1/4	14x1,5		400510	-		400810		-
11/16	8-10	5/16-3/8	12x1,5		400511	-		400811		-
11/16	8-10	5/16-3/8	14x1,5		400502	403402		400802		403702
11/16	8-10	5/16-3/8	16x1,5		400512	403410		400812		403710
11/16	8-10	5/16-3/8	18x1,5		400513	-		400813		-
13/16	12	1/2	14x1,5		400514	-		400814		-
13/16	12	1/2	16x1,5		400515	403411		400815		403711
13/16	12	1/2	18x1,5		400503	403403		400803		403703
13/16	12	1/2	22x1,5		400516	-	315	400816		-
1	14-15-16	5/8	18x1,5	420	400517	403412	400	400817	315	403712
1	14-15-16	5/8	22x1,5		400504	403404	315	400804		403704
1	14-15-16	5/8	27x2		400518	-		400818		-
1 3/16	18-20	3/4	22x1,5		400519	403413		400819		403713
1 3/16	18-20	3/4	27x2		400505	403405		400805		403705
1 3/16	18-20	3/4	33x2		400520	-	280	400820		-
1 7/16	22-25	7/8-1	27x2		400521	403414	315	400821		403714
1 7/16	22-25	7/8-1	33x2		400506	403406	280	400806		403706
1 7/16	22-25	7/8-1	42x2		400522	-		400822		-
1 11/16	28-30-32	1 1/4	33x2		400523	-		400823		-
1 11/16	28-30-32	1 1/4	42x2	280	400507	403407		400807	250	403707
1 11/16	28-30-32	1 1/4	48x2		400524	-	250	400824		-
2	35-38	1 1/2	48x2		400508	403408		400808		403708

Przylączka prosta M/ORFS z pierścieniem uszczelniającym
Male stud coupling with elastomer seal M/ORFS



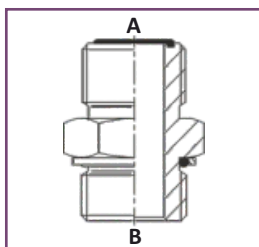
4005__

Przylączka prosta z gwintem zewnętrznym-wewnętrznym M/ORFS z nakrętką i pierścieniem uszczelniającym
Male coupling with crimped nut and elastomer seal M/ORFS



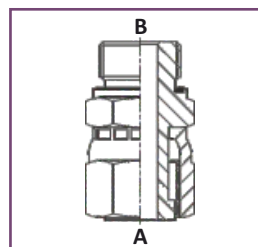
4034__

Przylączka prosta M/ORFS z o-ringiem i podkładką
Male stud coupling with o-ring and washer M/ORFS



4008__

Przylączka prosta nastawna M/ORFS o-ringiem i podkładką
Male stud coupling with crimped nut o-ring and washer M/ORFS



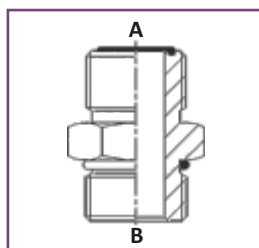
4037__



UNF/ORFS

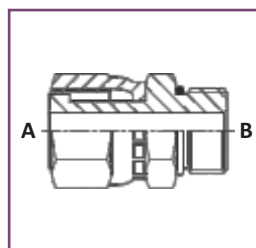
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint UNF Thread	Ciśnienie Pressure (bar)	4006__	4035__	Ciśnienie Pressure (bar)	4053__	4056__
A			B						
9/16	6	1/4	7/16	350	400601	403501		405301	405601
9/16	6	1/4	1/2-20		400609	-		-	-
9/16	6	1/4	9/16-18		400610	-		405309	405609
9/16	6	1/4	3/4-16		400611	-		405310	405610
11/16	8-10	5/16-3/8	7/16-20	630	400612	403509		405311	405611
11/16	8-10	5/16-3/8	1/2-20		400613	-		-	-
11/16	8-10	5/16-3/8	9/16-18		400602	403502		405302	405602
11/16	8-10	5/16-3/8	3/4-16		400614	403510		405312	405612
11/16	8-10	5/16-3/8	7/8-14		400615	-		405313	405613
11/16	8-10	5/16-3/8	1 1/16-12	420	400616	-		405314	405614
13/16	12	1/2	9/16-18		400617	-	420	405315	405615
13/16	12	1/2	3/4-16	630	400603	403503		405303	405603
13/16	12	1/2	7/8-14		400618	403511		405316	405616
13/16	12	1/2	1 1/16-12		400619	-		405317	405617
13/16	12	1/2	1 5/16-12		400620	-		-	-
1	14-15-16	5/8	3/4-16		400621	403512		405318	405618
1	14-15-16	5/8	7/8-14		400604	403504		405304	405604
1	14-15-16	5/8	1 1/16-12		400622	403513		405319	405619
1 3/16	18-20	3/4	3/4-16	420	400623	-		405320	405620
1 3/16	18-20	3/4	7/8-14		400624	403514		405321	405621
1 3/16	18-20	3/4	1 1/16-12		400605	403505		405305	405605
1 3/16	18-20	3/4	1 5/16-12		400625	403515	380	405322	405622
1 7/16	22-25	7/8-1	1 1/16-12		400626	-	420	405323	405623
1 7/16	22-25	7/8-1	1 5/16-12		400606	403506	380	405306	405606
1 7/16	22-25	7/8-1	1 5/8-12		400627	-		405324	405624
1 11/16	28-30-32	1 1/4	1 5/16-12		400628	-		405325	405625
1 11/16	28-30-32	1 1/4	1 5/8-12		400607	403507		405307	405607
1 11/16	28-30-32	1 1/4	1 7/8-12	280	400629	-	280	405326	405626
2	35-38	1 1/2	1 5/8-12		400630	-		405327	405627
2	35-38	1 1/2	1 7/8-12		400608	403508		405308	405608

Przylączka prosta UNF/ORFS z o-ringiem
Male stud with o-ring thread UNF/ORFS



4006__

Przylączka prosta z gwintem zewnętrznym-wewnętrznym UNF/ORFS z nakrętką i o-ringiem
Male stud coupling with crimped nut and o-ring thread UNF/ORFS



4035__

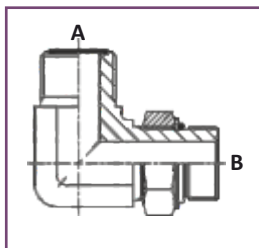
ciąg dalszy
continued



Przylączka kolankowa 90° UNF/ORFS

z o-ringiem i przeciwnakrętką

90° adjustable male stud elbow with o-ring, thread UNF/ORFS

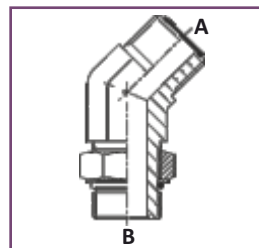


4053__

Przylączka kolankowa 45° UNF/ORF

z o-ringiem i przeciwnakrętką

45° adjustable male stud elbow with o-ring, thread UNF/ORFS



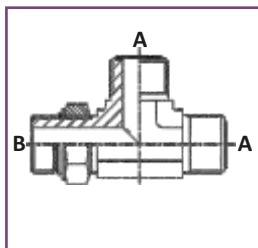
4056__

ORFS/UNF

Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	4059__	4062__	4071__
A			B				
9/16	6	1/4	7/16	420	405901	406201	407101
9/16	6	1/4	1/2-20		-	-	-
9/16	6	1/4	9/16-18		405909	406209	-
9/16	6	1/4	3/4-16		405910	406210	-
11/16	8-10	5/16-3/8	7/16-20		405911	406211	-
11/16	8-10	5/16-3/8	1/2-20		-	-	-
11/16	8-10	5/16-3/8	9/16-18		405902	406202	407102
11/16	8-10	5/16-3/8	3/4-16		405912	406212	-
11/16	8-10	5/16-3/8	7/8-14		405913	406213	-
11/16	8-10	5/16-3/8	1 1/16-12		405914	406214	-
13/16	12	1/2	9/16-18		405915	406215	-
13/16	12	1/2	3/4-16		405903	406203	407103
13/16	12	1/2	7/8-14		405916	406216	-
13/16	12	1/2	1 1/16-12		405917	406217	-
13/16	12	1/2	1 5/16-12		-	-	-
1	14-15-16	5/8	3/4-16		405918	406218	-
1	14-15-16	5/8	7/8-14		405904	406204	407104
1	14-15-16	5/8	1 1/16-12		405919	406219	-
1 3/16	18-20	3/4	3/4-16		405920	406220	-
1 3/16	18-20	3/4	7/8-14		405921	406221	-
1 3/16	18-20	3/4	1 1/16-12		405905	406205	407105
1 3/16	18-20	3/4	1 5/16-12	380	405922	406222	-
1 7/16	22-25	7/8-1	1 1/16-12	420	405923	406223	-
1 7/16	22-25	7/8-1	1 5/16-12	380	405906	406206	407106
1 7/16	22-25	7/8-1	1 5/8-12	280	405924	406224	-
1 11/16	28-30-32	1 1/4	1 5/16-12		405925	406225	-
1 11/16	28-30-32	1 1/4	1 5/8-12		405907	406207	407107
1 11/16	28-30-32	1 1/4	1 7/8-12		405926	406226	-
2	35-38	1 1/2	1 5/8-12		405927	406227	-
2	35-38	1 1/2	1 7/8-12		405908	406208	407108

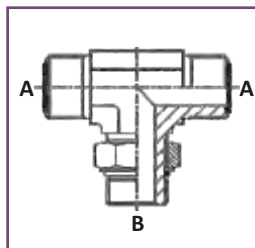


Przylączka trójnikowa ORFS/UNF, niesymetryczna z o-ringiem i przeciwnakrętką
Adjustable male stud barrel tee with o-ring, thread ORFS/UNF



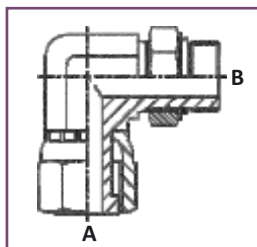
4059__

Przylączka trójnikowa symetryczna ORFS/UNF z o-ringiem i przeciwnakrętką
Adjustable male stud branch tee with o-ring, thread ORFS/UNF



4062__

Przylączka kolankowa 90° nastawna ORFS/UNF z nakrętką, o-ringiem i przeciwnakrętką
Adjustable male stud elbow 90° with crimped nut and o-ring, thread ORFS/UNF



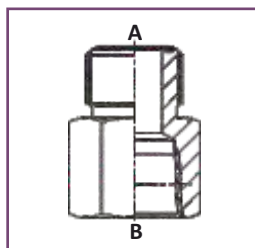
4071__

ORFS/NPTF

Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint NPTF Thread	Ciśnienie Pressure (bar)	4011__
A			B		
9/16	6	1/4	1/4	630	401101
11/16	8-10	5/16-3/8	1/4		401102
13/16	12	1/2	1/4		401109
13/16	12	1/2	3/8		401103
1	14-15-16	5/8	1/2	420	401104
1 3/16	18-20	3/4	1/2		401110
1 3/16	18-20	3/4	3/4		401105
1 7/16	22-25	7/8-1	1		401106
1 11/16	28-30-32	1 1/4	1 1/4	280	401107
2	35-38	1 1/2	1 1/2		401108

Złączka redukcyjna z gwintem zewnętrznym- wewnętrznym ORFS/NPTF

Female stud coupling ORFS/NPTF- male

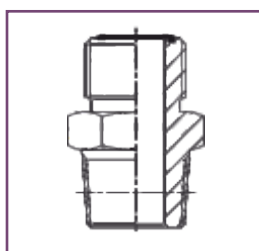


4011__

ORFS/NPTF

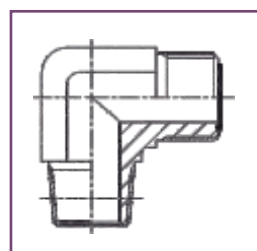
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4009__	4039__	4040__
A			B				
9/16	6	1/4	1/8	420	400901	403901	404001
9/16	6	1/4	1/4	630	400909	403909	404009
9/16	6	1/4	3/8		400910	403910	404010
11/16	8-10	5/16-3/8	1/4		400902	403902	404002
11/16	8-10	5/16-3/8	3/8		400911	403911	404011
11/16	8-10	5/16-3/8	1/2		400912	403912	404012
13/16	12	1/2	1/4		400913	403913	404013
13/16	12	1/2	3/8		400903	403903	404003
13/16	12	1/2	1/2		400914	403914	404014
13/16	12	1/2	3/4	420	400915	403915	404015
1	14-15-16	5/8	3/8		400916	403916	404016
1	14-15-16	5/8	1/2		400904	403904	404004
1	14-15-16	5/8	3/4		400917	403917	404017
1 3/16	18-20	3/4	1/2		400918	403918	404018
1 3/16	18-20	3/4	3/4		400905	403905	404005
1 3/16	18-20	3/4	1		400919	403919	404019
1 7/16	22-25	7/8-1	3/4		400920	403920	404020
1 7/16	22-25	7/8-1	1	280	400906	403906	404006
1 11/16	28-30-32	1 1/4	1		400921	403921	404021
1 11/16	28-30-32	1 1/4	1 1/4		400907	403907	404007
2	35-38	1 1/2	1 1/4		400922	403922	404022
2	35-38	1 1/2	1 1/2		400908	403908	404008

Przylączka prosta ORFS/NPTF
Male stud coupling ORFS/NPTF



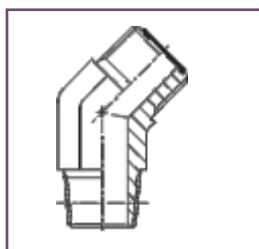
4009__

Przylączka kolankowa 90° ORFS/NPTF
Male stud elbow 90° ORFS/NPTF



4039__

Przylączka kolankowa 45° ORFS/NPTF
Male stud elbow 45° ORFS/NPTF



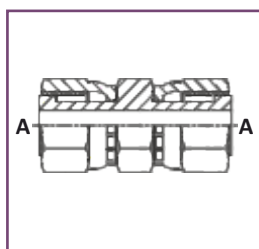
4040__



ORFS

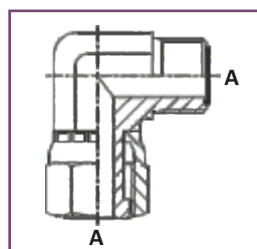
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Ciśnienie Pressure (bar)	4038__	4072__	4073__	4074__	4075__
A								
9/16	6	1/4	630	403801	407201	407301	407401	407501
11/16	8-10	5/16-3/8		403802	407202	407302	407402	407502
13/16	12	1/2		403803	407203	407303	407403	407503
1	14-15-16	5/8	420	403804	407204	407304	407404	407504
1 3/16	18-20	3/4		403805	407205	407305	407405	407505
1 7/16	22-25	7/8-1		403806	407206	407306	407406	407506
1 11/16	28-30-32	1 1/4	280	403807	407207	407307	407407	407507
2	35-38	1 1/2		403808	407208	407308	407408	407508

Złączka prosta ORFS z dwiema nakrętkami obrotowymi
Straight coupling with double crimped nuts ORFS



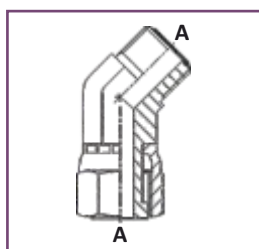
4038__

Złączka kolankowa 90° nastawna z gwintami ORFS
Adjustable 90° elbow with crimped nut ORFS



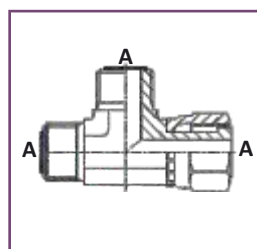
4072__

Złączka kolankowa 45° nastawna ORFS
Adjustable 45° elbow with crimped nut ORFS



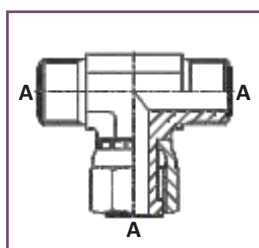
4073__

Złączka trójkowa nastawna, niesymetryczna ORFS
Adjustable barrel tee with crimped nut ORFS



4074__

Złączka trójkowa nastawna, symetryczna ORFS
Adjustable branch tee with crimped nut ORFS



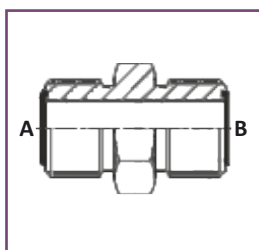
4075__



ORFS

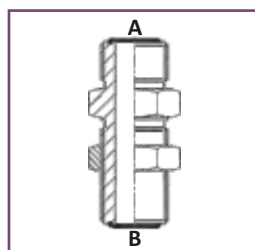
Gwint ORFS Thread	Gwint ORFS Thread	Ø A ^M Rury metrycznej Tube metric	Ø B ^M Rury metrycznej Tube metric	Ø A ^W Rury calowej Tube inch	Ø B ^W Rury calowej Tube inch	Ciśnienie Pressure (bar)	4017__	4018__	4043__	4044__
A	B									
9/16	9/16	6	6	1/4	1/4	630	401701	401801	404301	404401
11/16	9/16	8-10	6	5/16-3/8	1/4		401709	-	404309	-
11/16	11/16	8-10	8-10	5/16-3/8	5/16-3/8		401702	401802	404302	404402
13/16	11/16	12	8-10	1/2	5/16-3/8		401710	-	404310	-
13/16	13/16	12	12	1/2	1/2		401703	401803	404303	404403
1	13/16	14-15-16	12	5/8	1/2	420	401711	-	404311	-
1	1	14-15-16	14-15-16	5/8	5/8		401704	401804	404304	404404
1 3/16	11/16	18-20	8-10	3/4	5/16-3/8		401712	-	404312	-
1 3/16	1 3/16	18-20	12	3/4	1/2		401713	-	404313	-
1 3/16	1	18-20	14-15-16	3/4	5/8		401714	-	404314	-
1 3/16	1 3/16	18-20	18-20	3/4	3/4		401705	401805	404305	404405
1 7/16	1 3/16	22-25	18-20	7/8-1	3/4		401715	-	404315	-
1 7/16	1 7/16	22-25	22-25	7/8-1	7/8-1	280	401706	401806	404306	404406
1 11/16	1 7/16	28-30-32	22-25	1 1/4	7/8-1		401716	-	404316	-
1 11/16	1 11/16	28-30-32	28-30-32	1 1/4	1 1/4		401707	401807	404307	404407
2	2	35-38	35-38	1 1/2	1 1/2		401708	401808	404308	404408

Złączka prosta ORFS
 Straight coupling ORFS



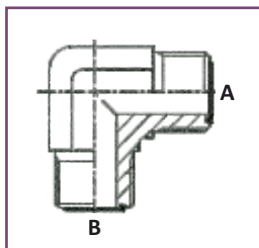
4017__

Złączka prosta ORFS- grodziowa
 Bulkhead straight coupling ORFS



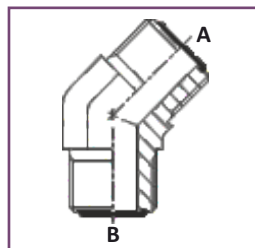
4018__

Złączka kolankowa 90° ORFS
 Equal elbow 90° ORFS



4043__

Złączka kolankowa 45° ORFS
 Equal 45° elbow ORFS



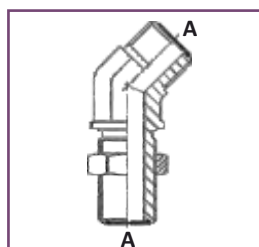
4044__



ORFS

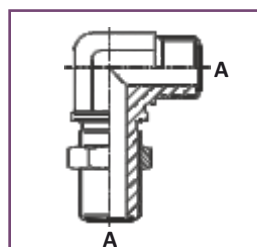
Gwint ORFS Thread	Ø A ^M Rury metrycznej Tube metric	Ø B ^M Rury metrycznej Tube metric	Ø A ^W Rury calowej Tube inch	Ø B ^W Rury calowej Tube inch	Ciśnienie Pressure (bar)	4045__	4046__	4049__	4050__
A									
9/16	6	6	1/4	1/4	630	404501	404601	404901	405001
11/16	8-10	8-10	5/16-3/8	5/16-3/8		404502	404602	404902	405002
13/16	12	12	1/2	1/2		404503	404603	404903	405003
1	14-15-16	14-15-16	5/8	5/8	420	404504	404604	404904	405004
1 3/16	18-20	18-20	3/4	3/4		404505	404605	404905	405005
1 7/16	22-25	22-25	7/8-1	7/8-1		404506	404606	404906	405006
1 11/16	28-30-32	28-30-32	1 1/4	1 1/4	280	404507	404607	404907	405007
2	35-38	35-38	1 1/2	1 1/2		404508	404608	404908	405008

Złączka kolankowa 45° ORFS z przeciwnakrętką- grodziowa
45° Bulkhead elbow ORFS



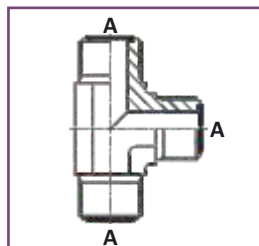
4045__

Złączka kolankowa 90° ORFS z przeciwnakrętką- grodziowa
90° Bulkhead elbow ORFS



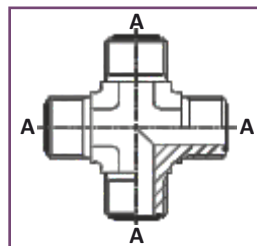
4046__

Trójnik ORFS
Equal tee ORFS



4049__

Czwórnik ORFS
Equal cross ORFS

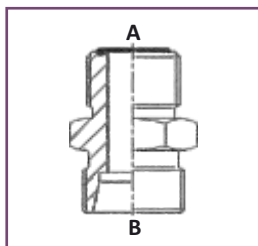


4050__

ORFS/M

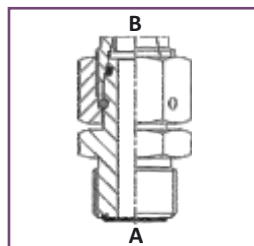
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury stalowej Tube inch	Ø Rury metrycznej Tube metric	Gwint M Thread	Ciśnienie Pressure (bar)	4026__	4027__
A				B			
9/16	6	1/4	6L	12x1,5	315	402601	402701
9/16	6	1/4	8L	14x1,5		402602	402702
11/16	8-10	5/16-3/8	10L	16x1,5		402603	402703
13/16	12	1/2	12L	18x1,5		402604	402704
1	14-15-16	5/8	15L	22x1,5		402605	402705
1 3/16	18-20	3/4	18L	26x1,5	160	402606	402706
1 7/16	22-25	7/8-1	22L	30x2		402607	402707
1 11/16	28-30-32	1 1/4	28L	36x2		402608	402708
2	35-38	1 1/2	35L	45x2		402609	402709
2	35-38	1 1/2	42L	52x2		402610	402710
9/16	6	1/4	6S	14x1,5	630	402611	402711
9/16	6	1/4	8S	16x1,5		402612	402712
11/16	8-10	5/16-3/8	10S	18x1,5		402613	402713
13/16	12	1/2	12S	20x1,5		402614	402714
1	14-15-16	5/8	14S	22x1,5		402615	402715
1	14-15-16	5/8	16S	24x1,5	400	402616	402716
1 3/16	18-20	3/4	20S	30x2		402617	402717
1 7/16	22-25	7/8-1	25S	36x2		402618	402718
1 11/16	28-30-32	1 1/4	30S	42x2		402619	402719
2	35-38	1 1/2	38S	52x2		402620	402720

Złączka prosta ORFS/M
 Adapter ORFS/M



4026__

Złączka prosta ORFS/M z nakrętką obrotową
 Adapter ORFS/M with swivel nut



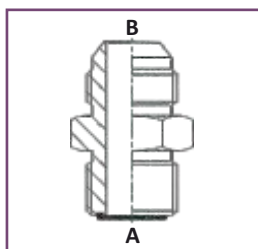
4027__



ORFS/JIC

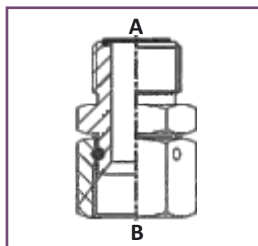
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint JIC 37° Thread	Ciśnienie Pressure (bar)	40280_.3	40290_.3	40300_.3
A			B				
9/16	6	1/4	7/16-20	450	402801.3	402901.3	403001.3
11/16	8-10	5/16-3/8	9/16-18	350	402802.3	402902.3	403002.3
11/16	8-10	5/16-3/8	1/2-20	450	402809.3	402909.3	403009.3
13/16	12	1/2	3/4-16	350	402803.3	402903.3	403003.3
1	14-15-16	5/8	7/8-14		402804.3	402904.3	403004.3
1 3/16	18-20	3/4	1 1/16-12		402805.3	402905.3	403005.3
1 7/16	22-25	7/8-1	1 5/16-12	290	402806.3	402906.3	403006.3
1 11/16	28-30-32	1 1/4	1 5/8-12	240	402807.3	402907.3	403007.3
2	35-38	1 1/2	1 7/8-12		402808.3	402908.3	403008.3

Złączka prosta ORFS/JIC
Adapter ORFS/JIC



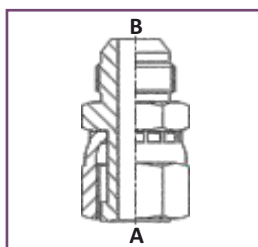
40280_.3

Złączka prosta ORFS/JIC z nakrętką obrotową
Adapter ORFS/JIC with swivel nut



40290_.3

Złączka prosta JIC/ORFS z nakrętką obrotową
Adapter JIC/ORFS with swivel nut

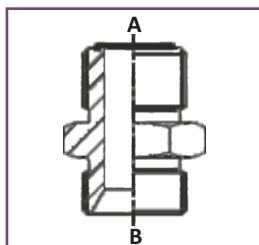


40300_.3

ORFS/BSP

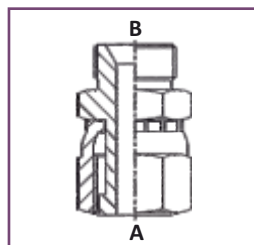
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury stalowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4031__	4032__
A			B			
9/16	6	1/4	1/8	400	403101	403201
9/16	6	1/4	1/4		403109	403209
9/16	6	1/4	3/8		403110	403210
11/16	8-10	5/16-3/8	1/4		403102	403202
11/16	8-10	5/16-3/8	3/8		403111	403211
11/16	8-10	5/16-3/8	1/2	350	403112	403212
13/16	12	1/2	1/4	400	403113	403213
13/16	12	1/2	3/8		403103	403203
13/16	12	1/2	1/2	350	403114	403214
13/16	12	1/2	3/4	315	403115	403215
1	14-15-16	5/8	3/8	400	403116	403216
1	14-15-16	5/8	1/2	350	403104	403204
1	14-15-16	5/8	5/8		403117	403217
1	14-15-16	5/8	3/4	315	403118	403218
1 3/16	18-20	3/4	1/2	350	403119	403219
1 3/16	18-20	3/4	3/4	315	403105	403205
1 3/16	18-20	3/4	1	250	403120	403220
1 7/16	22-25	7/8-1	3/4	315	403121	403221
1 7/16	22-25	7/8-1	1	250	403106	403206
1 7/16	22-25	7/8-1	1 1/4	200	403122	403222
1 11/16	28-30-32	1 1/4	1 1/4		403107	403207
2	35-38	1 1/2	1 1/2	160	403108	403208

Złączka prosta BSP/ORFS
 Adapter BSP/ORFS



4031__

Złączka prosta z gwintami BSP/ORFS z nakrętką obrotową
 Adapter BSP/ORFS with swivel nut



4032__

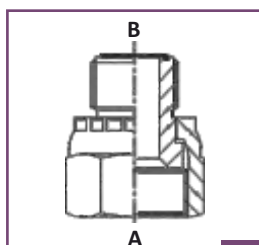


ORFS

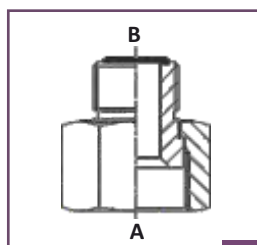
Gwint ORFS Thread	Ø A ^M Rury metrycznej Tube metric	Ø B ^M Rury metrycznej Tube metric	Ø A ^W Rury calowej Tube inch	Ø B ^W Rury calowej Tube inch	Forma Form	Gwint ORFS Thread	Ciśnienie Pressure (bar)	4019__
B						A		
11/16	8-10	6	5/16-3/8	1/4	X	9/16	630	401901
13/16	12	6	1/2	1/4	Y	9/16		401902
1	14-15-16	6	5/8	1/4	Y	9/16	420	401903
1 3/16	18-20	6	3/4	1/4	Y	9/16		401904
1 7/16	22-25	6	7/8-1	1/4	Y	9/16		401905
1 11/16	28-30-32	6	1 1/4	1/4	Y	9/16	280	401906
2	35-38	6	1 1/2	1/4	Y	9/16		401907
13/16	12	8-10	1/2	5/16-3/8	X	11/16	630	401908
1	14-15-16	8-10	5/8	5/16-3/8	Y	11/16	420	401909
1 3/16	18-20	8-10	3/4	5/16-3/8	Y	11/16		401910
1 7/16	22-25	8-10	7/8-1	5/16-3/8	Y	11/16		401911
1 11/16	28-30-32	8-10	1 1/4	5/16-3/8	Y	11/16	280	401912
2	35-38	8-10	1 1/2	5/16-3/8	Y	11/16		401913
1	14-15-16	12	5/8	1/2	Y	13/16	420	401914
1 3/16	18-20	12	3/4	1/2	Y	13/16		401915
1 7/16	22-25	12	7/8-1	1/2	Y	13/16		401916
1 11/16	28-30-32	12	1 1/4	1/2	Y	13/16	280	401917
2	35-38	12	1 1/2	1/2	Y	13/16		401918
1 3/16	18-20	14-15-16	3/4	5/8	X	1	420	401919
1 7/16	22-25	14-15-16	7/8-1	5/8	Y	1		401920
1 11/16	28-30-32	14-15-16	1 1/4	5/8	Y	1	280	401921
2	35-38	14-15-16	1 1/2	5/8	Y	1		401922
1 7/16	22-25	18-20	7/8-1	3/4	X	1 3/16	420	401923
1 11/16	28-30-32	18-20	1 1/4	3/4	Y	1 3/16	280	401924
2	35-38	18-20	1 1/2	3/4	Y	1 3/16		401925
1 11/16	28-30-32	22-25	1 1/4	7/8-1	X	1 7/16		401926
2	35-38	22-25	1 1/2	7/8-1	Y	1 7/16		401927
2	35-38	28-30-32	1 1/2	1 1/4	Y	1 11/16		401928

Złączka redukcyjna nastawna ORFS

Adjustable straight intermediate reduction ORFS



X



Y



4019__



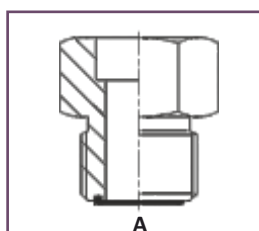
ORFS

Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Ciśnienie Pressure (bar)	4020__	4020__.W	4021__	4021__.W	4041__	4042__
A											
9/16	6	1/4	6	1/4	630	402001	402001.W	402101	402101.W	404101	404201
9/16	6	1/4	8	5/16		402009	402009.W	-	-	-	-
9/16	6	1/4	10	3/8		402010	402010.W	-	-	-	-
9/16	6	1/4	12	1/2		402011	402011.W	-	-	-	-
11/16	8-10	5/16-3/8	6	1/4		402012	402012.W	-	-	-	-
11/16	8-10	5/16-3/8	8	5/16		402013	402013.W	402109	402109.W	404109	404209
11/16	8-10	5/16-3/8	10	3/8		402002	402002.W	402102	402102.W	404102	404202
11/16	8-10	5/16-3/8	12	1/2		402014	402014.W	-	-	-	-
11/16	8-10	5/16-3/8	14	-	420	402015	-	-	-	-	-
11/16	8-10	5/16-3/8	15	-		402016	-	-	-	-	-
11/16	8-10	5/16-3/8	16	5/8		402017	402017.W	-	-	-	-
13/16	12	1/2	6	1/4	630	402018	402018.W	-	-	-	-
13/16	12	1/2	8	5/16		402019	402019.W	-	-	-	-
13/16	12	1/2	10	3/8		402020	402020.W	-	-	-	-
13/16	12	1/2	12	1/2		402003	402003.W	402103	402103.W	404103	404203
13/16	12	1/2	14	-	420	402021	-	-	-	-	-
13/16	12	1/2	15	-		402022	-	-	-	-	-
13/16	12	1/2	16	5/8		402023	402023.W	-	-	-	-
13/16	12	1/2	18	-		402024	-	-	-	-	-
13/16	12	1/2	20	3/4		402025	402025.W	-	-	-	-
13/16	12	1/2	22	7/8		402026	402026.W	-	-	-	-
13/16	12	1/2	25	1		402027	402027.W	-	-	-	-
1	14-15-16	5/8	10	3/8		402028	402028.W	-	-	-	-
1	14-15-16	5/8	12	1/2		402029	402029.W	-	-	-	-
1	14-15-16	5/8	14	-		402030	-	402110	-	404110	404210
1	14-15-16	5/8	15	-		402031	-	402111	-	404111	404211
1	14-15-16	5/8	16	5/8		402004	402004.W	402104	402104.W	404104	404204
1	14-15-16	5/8	18	-		402032	-	-	-	-	-
1	14-15-16	5/8	20	3/4		402033	402033.W	-	-	-	-
1 3/16	18-20	3/4	12	1/2		402034	402034.W	-	-	-	-
1 3/16	18-20	3/4	14	-		402035	-	-	-	-	-
1 3/16	18-20	3/4	15	-		402036	-	-	-	-	-
1 3/16	18-20	3/4	16	5/8		402037	402037.W	-	-	-	-
1 3/16	18-20	3/4	18	-		402038	-	402112	-	404112	404212
1 3/16	18-20	3/4	20	3/4		402005	402005.W	402105	402105.W	404105	404205
1 3/16	18-20	3/4	22	7/8		402039	402039.W	-	-	-	-
1 3/16	18-20	3/4	25	1		402040	402040.W	-	-	-	-
1 7/16	22-25	7/8-1	12	1/2		402041	402041.W	-	-	-	-
1 7/16	22-25	7/8-1	14	-		402042	-	-	-	-	-
1 7/16	22-25	7/8-1	15	-		402043	-	-	-	-	-
1 7/16	22-25	7/8-1	16	5/8		402044	402044.W	-	-	-	-
1 7/16	22-25	7/8-1	18	-		402045	-	-	-	-	-
1 7/16	22-25	7/8-1	20	3/4		402046	402046.W	-	-	-	-
1 7/16	22-25	7/8-1	22	7/8		402047	402047.W	402113	402113.W	404113	404213
1 7/16	22-25	7/8-1	25	1		402006	402006.W	402106	402106.W	404106	404216
1 7/16	22-25	7/8-1	28	-	280	402048	-	-	-	-	-
1 7/16	22-25	7/8-1	30	1 1/4		402049	402049.W	-	-	-	-



Gwint ORFS Thread	Ø A ^M Rury metrycznej Tube metric	Ø A ^W Rury calowej Tube inch	Ø B ^M Rury metrycznej Tube metric	Ø B ^W Rury calowej Tube inch	Ciśnienie Pressure (bar)	4020__	4020__.W	4021__	4021__.W	4041__	4042__
A											
1 7/16	22-25	7/8-1	32	-	280	402050	-	-	-	-	-
1 11/16	28-30-32	1 1/4	18	-		402051	-	-	-	-	-
1 11/16	28-30-32	1 1/4	20	3/4		402052	402052.W	-	-	-	-
1 11/16	28-30-32	1 1/4	22	7/8		402053	402053.W	-	-	-	-
1 11/16	28-30-32	1 1/4	25	1		402054	402054.W	-	-	-	-
1 11/16	28-30-32	1 1/4	28	-		402055	-	402114	-	404114	404214
1 11/16	28-30-32	1 1/4	30	1 1/4		402007	402007.W	402107	402107.W	404107	404207
1 11/16	28-30-32	1 1/4	32	-		402056	-	402115	-	404115	404215
1 11/16	28-30-32	1 1/4	35	-		402057	-	-	-	-	-
1 11/16	28-30-32	1 1/4	38	1 1/2		402058	402058.W	-	-	-	-
2	35-38	1 1/2	25	1		402059	402059.W	-	-	-	-
2	35-38	1 1/2	28	-		402060	-	-	-	-	-
2	35-38	1 1/2	30	1 1/4		402061	402061.W	-	-	-	-
2	35-38	1 1/2	32	-		402062	-	-	-	-	-
2	35-38	1 1/2	35	-		402063	-	402116	-	404116	414216
2	35-38	1 1/2	38	1 1/2		402008	402008.W	402108	402108.W	404108	404208

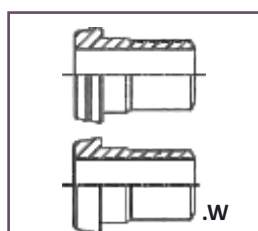
**Korpus złączki ORFS
do spawania**
Weldable straight female ORFS



4020__

4020__.W

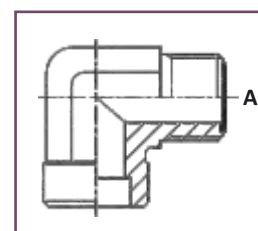
Końcówka do spawania
Welding nipple



4021__

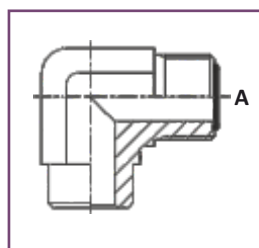
4021__.W

**Złączka kolankowa 90° ORFS
do spawania**
Female weldable elbow 90°



4042__

Złączka kolankowa 90° ORFS do spawania
Male weldable elbow 90°

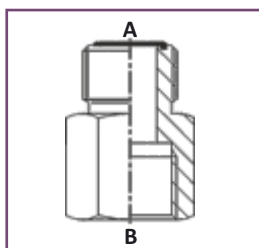


4041__

ORFS/BSP

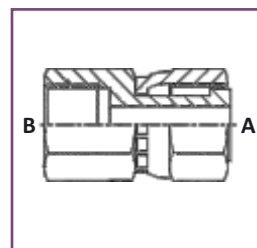
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint BSP Thread	Ciśnienie Pressure (bar)	4022__	4024__
A			B			
9/16	6	1/4	1/4	630	402201	402401
9/16	6	1/4	1/2		402204	-
11/16	8-10	5/16-3/8	1/4		402202	402402
11/16	8-10	5/16-3/8	1/2		402205	-
13/16	12	1/2	1/4		402203	402403
13/16	12	1/2	1/2		402206	-
1	14-15-16	5/8	1/4	420	-	402404
1 3/16	18-20	3/4	1/4		-	402405
1 7/16	22-25	7/8-1	1/4		-	402406
1 11/16	28-30-32	1 1/4	1/4	280	-	402407
2	35-38	1 1/2	1/4		-	402408

Złączka pod manometr ORFS/BSP
 Female gauge coupling ORFS/BSP



4022__

Złączka pod manometr nastawna ORFS/BSP
 Adjustable female gauge coupling ORFS/BSP

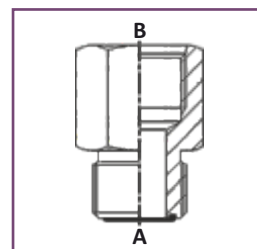


4024__

ORFS/M

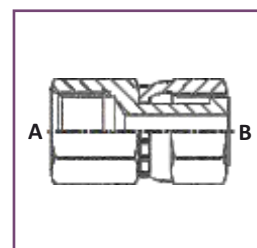
Gwint ORFS Thread	Ø Rury metrycznej Tube metric	Ø Rury calowej Tube inch	Gwint M Thread	Ciśnienie Pressure (bar)	4023__ 4025__
A			B		
9/16	6	1/4	10x1	630	402501
9/16	6	1/4	14x1,5		402301
11/16	8-10	5/16-3/8	10x1		402502
11/16	8-10	5/16-3/8	14x1,5		402302
13/16	12	1/2	10x1		402503
13/16	12	1/2	14x1,5		402303
1	14-15-16	5/8	10x1	420	402504
1	14-15-16	5/8	14x1,5		402304
1 3/16	18-20	3/4	10x1		402505
1 3/16	18-20	3/4	14x1,5		402305
1 7/16	22-25	7/8-1	10x1	280	402506
1 11/16	28-30-32	1 1/4	10x1		402507
2	35-38	1 1/2	10x1		402508

Złączka pod manometr ORFS/M
 Female gauge coupling ORFS/M



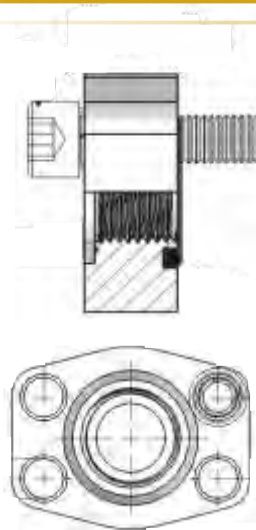
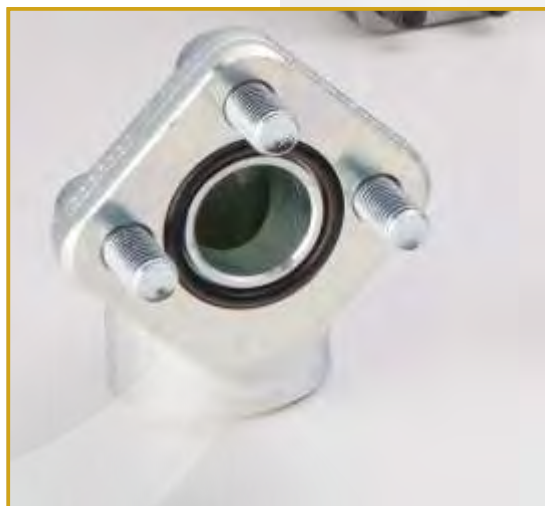
4023__

Złączka pod manometr nastawna ORFS/M
 Adjustable female gauge coupling ORFS/M



4025__

Flansze SAE SAE Flanges



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strona / page

FG03-XX 3000 PSI



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strona / page

FG06-XX 6000 PSI



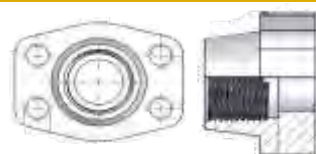
123
strona / page

CG03-XX 3000 PSI



124
strona / page

CG06-XX 6000 PSI



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strona / page

PG03-XX 3000 PSI



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strona / page

PG06-XX 6000 PSI



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strona / page

NG03-XX 3000 PSI & NG06-XX 6000 PSI



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strona / page

FDG3-XX 3000 PSI & FDG6-XX 6000 PSI



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strona / page

N0G3-XX 3000 PSI & N0G6-XX 6000 PSI



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strona / page

FS03-XX 3000 PSI & FS06-XX 6000 PSI



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strona / page

CS03-XX 3000 PSI & CS06-XX 6000 PSI



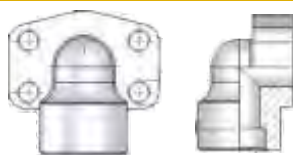
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strona / page

NS03-XX 3000 PSI & NS06-XX 6000 PSI



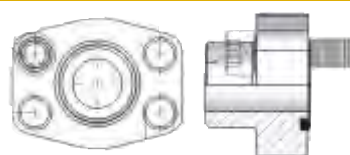


VS03-XX 3000 PSI & VS06-XX 6000 PSI



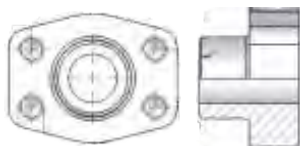
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FB03-XX 3000 PSI & FB06-XX 6000 PSI



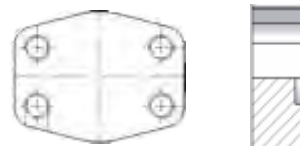
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CB03-XX 3000 PSI & CB06-XX 6000 PSI



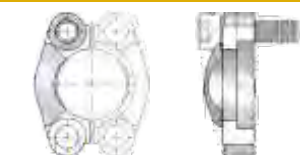
135
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CC03-XX 3000 PSI & CC06-XX 6000 PSI



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strona / page

S003-XX 3000 PSI & S006-XX 6000 PSI



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strona / page

MDD0



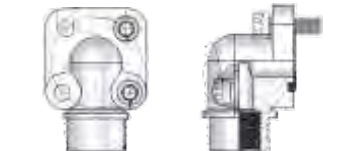
138
strona / page

G4D0



139
strona / page

G4G0



140
strona / page

G3G0



141
strona / page

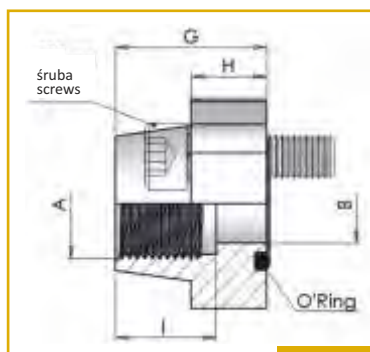
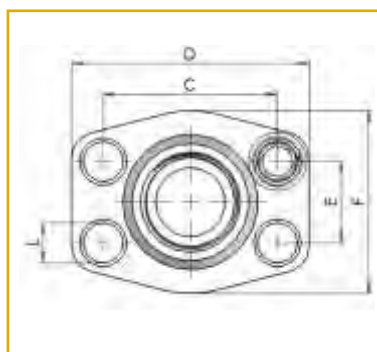
Przylączy flanszowe typ SAE- gwintowane BSP
BSP threaded flanges SAE

FG03

3000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ringa Type o-ring	Wymiary Dimensions											Wielkość Size	FG03-XX
Metryczna Metric	UNC UNC			max	A	B	C	D	E	F	G	H	I	L		
3000 psi																
M8x30	5/16x1 1/4"	345	4075	1/2" GAS	13	38,10	57	17,48	46	36	16	19	9	1/2"	FG03-08	
M8x30	5/16x1 1/4"		4075	3/8" GAS	13	38,10	57	17,48	46	36	16	19	9	1/2"	FG03-0806	
M10x35	3/8x1 1/2"		4100	3/4" GAS	19	47,63	65	22,23	50	36	18	19	11	3/4"	FG03-12	
M10x35	3/8x1 1/2"		4100	1/2" GAS	13	47,63	65	22,23	50	36	18	19	11	3/4"	FG03-1208	
M10x35	3/8x1 1/2"		4131	1" GAS	25	52,37	70	26,19	55	38	18	22	11	1"	FG03-16	
M10x40	3/8x1 1/2"		4131	3/4" GAS	19	52,37	70	26,19	55	35	21	19	11	1"	FG03-1612	
M10x40	7/16x1 3/4"	276	4150	1"1/4 GAS	32	58,72	79	30,18	68	40	21	22	11,5	1 1/4"	FG03-20	
M10x40	7/16x1 3/4"		4150	1" GAS	25	58,72	81	30,18	65	42	25	24	11,5	1 1/4"	FG03-2016	
M12x45	1/2x1 3/4"	207	4187	1"1/2 GAS	38	69,85	93	35,71	78	45	25	24	13,5	1 1/2"	FG03-24	
M12x45	1/2x1 3/4"		4187	1"1/4 GAS	32	69,85	95	35,71	78	45	27	24	13,5	1 1/2"	FG03-2420	
M12x45	1/2x1 3/4"		4225	2" GAS	51	77,77	102	42,88	90	45	25	30	13,5	2"	FG03-32	
M12x45	1/2x1 3/4"		4225	1"1/2 GAS	38	77,77	102	42,88	90	45	25	26	13,5	2"	FG03-3224	
M12x45	1/2x1 3/4"	172	4275	2"1/2 GAS	63	88,90	114	50,8	105	50	25	30	13,5	2 1/2"	FG03-40	
M12x45	1/2x1 3/4"	173	4275	2" GAS	51	88,90	114	50,8	105	50	25	30	13,5	2 1/2"	FG03-4032	
M16x50	5/8x2"	138	4337	3" GAS	73	106,38	134	61,93	124	50	27	34	17,5	3"	FG03-48	
M16x50	5/8x2"		4337	2"1/2 GAS	63	106,38	134	61,93	124	50	27	30	17,5	3"	FG03-4840	
M16x50	5/8x2"	34	4387	3"1/2 GAS	89	120,65	152	69,85	136	48	27	34	17,5	3 1/2"	FG03-56	
M16x50	5/8x2"		4387	3" GAS	73	120,65	152	69,85	136	48	27	34	17,5	3 1/2"	FG03-5648	
M16x50	5/8x2"		4437	4" GAS	99	130,18	162	77,77	146	48	27	34	17,5	4"	FG03-64	

Przylączy flanszowe typ SAE 3000 PSI - gwintowane BSP
BSP threaded flanges 3000 PSI



FG03-XX

*Dodatkowe opcje/ additional options:

Gwinty wewnętrzne/ internal thread NPT (FN03-XX) lub/ or UNF (FU03-XX)



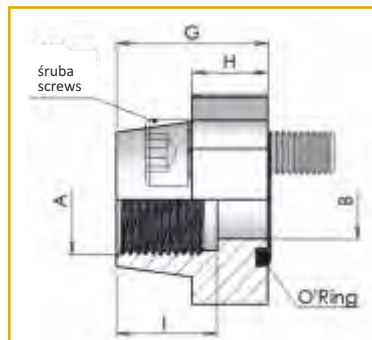
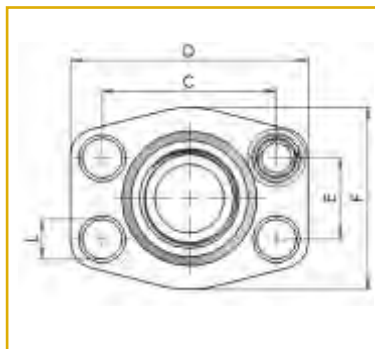
Przylączy flanszowe typ SAE- gwintowane BSP
BSP threaded flanges SAE

FG06

6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions										Wielkość Size	FG06-XX
Metryczna Metric	UNC UNC			max	A	B	C	D	E	F	G	H	I		
6000 psi															
M8x30	5/16x1 1/4"	414	4075	1/2" GAS	13	40,49	57	18,24	46	36	16	19	9	1/2"	FG06-08
M8x30	5/16x1 1/4"		4075	3/8" GAS	13	40,49	57	18,24	46	36	16	19	9	1/2"	FG06-0806
M10x40	5/16x1 1/4"		4100	3/4" GAS	19	50,80	71	23,8	55	35	21	22	11	3/4"	FG06-12
M10x40	5/16x1 1/4"		4100	1/2" GAS	13	50,80	71	23,8	55	35	21	22	11	3/4"	FG06-1208
M12x45	7/16x1 3/4"		4131	1" GAS	25	57,15	81	27,76	65	42	25	24	13	1"	FG06-16
M12x45	7/16x1 3/4"		4131	3/4" GAS	19	57,15	81	27,76	65	42	25	24	13	1"	FG06-1612
M14x45	1/2x1 3/4"		4150	1 1/4" GAS	32	66,68	95	31,75	78	45	27	25	15	1 1/4"	FG06-20
M14x45	1/2x1 3/4"		4150	1" GAS	25	66,68	95	31,75	78	45	27	25	15	1 1/4"	FG06-2016
M16x50	5/8x2"		4187	1 1/2" GAS	38	79,38	112	36,5	94	50	30	28	17	1 1/2"	FG06-24
M16x50	5/8x2"		4187	1 1/4" GAS	32	79,38	112	36,5	94	50	30	28	17	1 1/2"	FG06-2420
M20x70	3/4x2 1/2"		4225	2" GAS	51	96,82	134	44,45	114	65	37	30	21	2"	FG06-32
M20x70	3/4x2 1/2"		4225	1 1/2" GAS	38	96,82	134	44,45	114	65	37	30	21	2"	FG06-3224
M24x80	-		4275	2 1/2" GAS	63	123,80	180	58,7	152	80	45	32	26	2 1/2"	FG06-40
M30x100	-		4237	3" GAS	73	152,40	208	71,4	178	90	55	40	33	3"	FG06-48

Przylączy flanszowe typ SAE 6000 PSI - gwintowane BSP
BSP threaded flanges 6000 PSI



FG06-XX

*Dodatkowe opcje/ additional options:

Gwinty wewnętrzne/ internal thread NPT (FN06-XX) lub/ or UNF (FU06-XX)

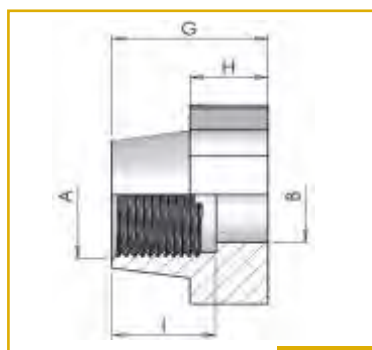
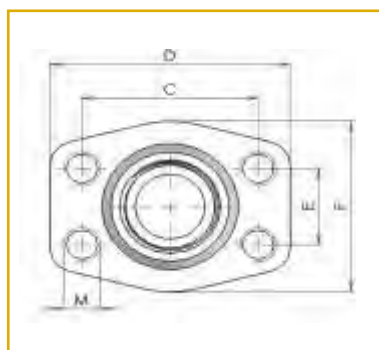
Przeciwnflansa typ SAE 3000 PSI - gwintowana BSP
BSP threaded counter flanges 3000 PSI

CG03

3000 psi

Metryczna Metric	UNC UNC	Ciśnienie Pressure (bar)	Wymiary Dimensions									Wielkość Size	CG03-XX
			A	B	C	D	E	F	G	H	I		
M		max											
3000 psi													
M8	5/16	345	1/2" GAS	13	38,10	57	17,48	46	36	16	19	1/2"	CG03-08
M8	5/16		3/8" GAS	13	38,10	57	17,48	46	36	16	19	1/2"	CG03-0806
M10	3/8		3/4" GAS	19	47,63	65	22,23	50	36	18	19	3/4"	CG03-12
M10	3/8		1/2" GAS	13	47,63	65	22,23	50	36	18	19	3/4"	CG03-1208
M10	3/8		1" GAS	25	52,37	70	26,19	55	38	18	22	1"	CG03-16
M10	3/8		3/4" GAS	19	52,37	70	26,19	55	35	21	19	1"	CG03-1612
M10	7/16	276	1"1/4 GAS	32	58,72	79	30,18	68	40	21	22	1 1/4"	CG03-20
M10	7/16		1" GAS	25	58,72	81	30,18	65	42	25	24	1 1/4"	CG03-2016
M12	1/2	207	1"1/2 GAS	38	69,85	93	35,71	78	45	25	24	1 1/2"	CG03-24
M12	1/2		1"1/4 GAS	32	69,85	95	35,71	78	45	27	24	1 1/2"	CG03-2420
M12	1/2		2" GAS	51	77,77	102	42,88	90	45	25	30	2"	CG03-32
M12	1/2		1"1/2 GAS	38	77,77	102	42,88	90	45	25	26	2"	CG03-3224
M12	1/2	172	2"1/2 GAS	63	88,90	114	50,80	105	50	25	30	2 1/2"	CG03-40
M12	1/2	173	2" GAS	51	88,90	114	50,80	105	50	25	30	2 1/2"	CG03-4032
M16	5/8	138	3" GAS	73	106,38	134	61,93	124	50	27	34	3"	CG03-48
M16	5/8		2"1/2 GAS	63	106,38	134	61,93	124	50	27	30	3"	CG03-4840
M16	5/8	34	3"1/2 GAS	89	120,65	152	69,85	136	48	27	34	3 1/2"	CG03-56
M16	5/8		3" GAS	73	120,65	152	69,85	136	48	27	34	3 1/2"	CG03-5648
M16	5/8		4" GAS	99	130,18	162	77,77	146	48	27	34	4"	CG03-64

Przeciwnflansa typ SAE 3000 PSI - gwintowana BSP
BSP threaded counter flanges 3000 PSI



CG03-XX

*Dodatkowe opcje/ additional options:
Gwinty wewnętrzne/ internal thread NPT (CN03-XX) lub/ or UNF (CU03-XX)



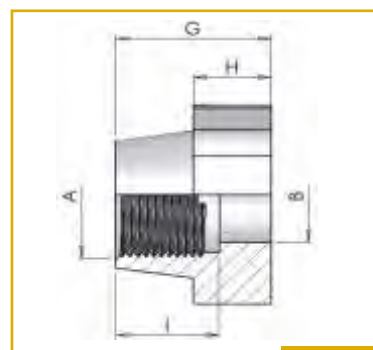
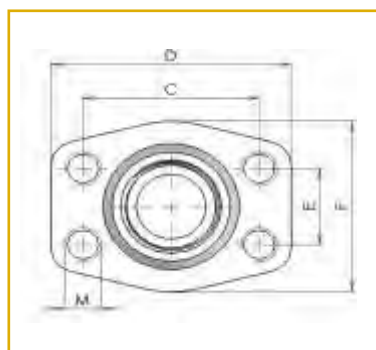
Przeciwlansza typ SAE 6000 PSI - gwintowana BSP
BSP threaded counter flanges 6000 PSI

CG06

6000 psi

Metryczna Metric	UNC UNC	Ciśnienie Pressure (bar)	Wymiary Dimensions									Wielkość Size	CG06-XX
M		max	A	B	C	D	E	F	G	H			
6000 psi													
M8	5/16	414	1/2" GAS	13	40,49	57	18,24	46	36	16	19	1/2"	CG06-08
M8	5/16		3/8" GAS	13	40,49	57	18,24	46	36	16	19	1/2"	CG06-0806
M10	3/8		3/4" GAS	19	50,80	71	23,8	55	35	21	22	3/4"	CG06-12
M10	3/8		1/2" GAS	13	50,80	71	23,8	55	35	21	22	3/4"	CG06-1208
M12	7/16		1" GAS	25	57,15	81	27,76	65	42	25	24	1"	CG06-16
M12	7/16		3/4" GAS	19	57,15	81	27,76	65	42	25	24	1"	CG06-1612
M14	1/2		1 1/4" GAS	32	66,68	95	31,75	78	45	27	25	1 1/4"	CG06-20
M14	1/2		1" GAS	25	66,68	95	31,75	78	45	27	25	1 1/4"	CG06-2016
M16	5/8		1 1/2" GAS	38	79,38	112	36,5	94	50	30	28	1 1/2"	CG06-24
M16	5/8		1 1/4" GAS	32	79,38	112	36,5	94	50	30	28	1 1/2"	CG06-2420
M20	3/4		2" GAS	51	96,82	134	44,45	114	65	37	30	2"	CG06-23
M20	3/4		1 1/2" GAS	38	96,82	134	44,45	114	65	37	30	2"	CG06-3224
M24	-		2 1/2" GAS	63	123,80	180	58,7	152	80	45	32	2 1/2"	CG06-40
M30	-		3" GAS	73	152,40	208	71,4	178	90	55	40	3"	CG06-48

Przeciwlansza typ SAE 6000 PSI - gwintowana BSP
BSP threaded counter flanges 6000 PSI



CG06-XX

*Dodatkowe opcje/ additional options:

Gwinty wewnętrzne/ internal thread NPT (FN06-XX) lub/ or UNF (FU06-XX)

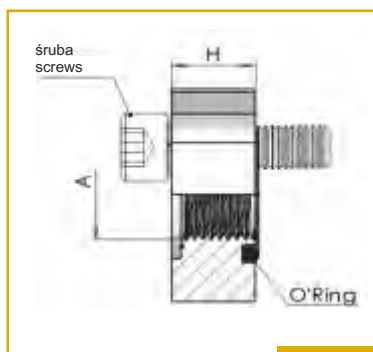
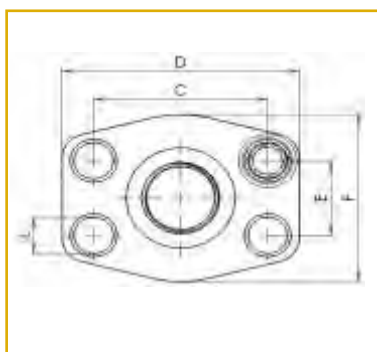
Przylączy flanszowe typ SAE- płaskie, gwintowane BSP
BSP threaded flat flanges SAE

PG03

3000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions							Wielkość Size	PG03-XX
Metryczna Metric	UNC UNC			max	A	C	D	E	F	H		
3000 psi												
M10x35	3/8x1"1/2	345	4100	3/4" GAS	47,63	65	22,23	50	15	11	3/4"	PG03-12
M10x35	3/8x1"1/2		4100	1/2" GAS	47,63	65	22,23	50	15	11	3/4"	PG03-1208
M10x35	3/8x1"1/2	300	4131	1" GAS	52,37	70	26,19	60	19	11	1"	PG03-16
M10x35	3/8x1"1/2		4131	3/4" GAS	52,37	70	26,19	60	19	11	1"	PG03-1612
M10x40	7/16x1"3/4	276	4150	1"1/4 GAS	58,72	79	30,18	68	19	11,5	1"1/4	PG03-20
M10x40	7/16x1"3/4		4150	1" GAS	58,72	79	30,18	68	19	11,5	1"1/4	PG03-2016
M12x45	1/2"x1"3/4	207	4187	1"1/2 GAS	69,85	93	35,71	78	19	13,5	1"1/2	PG03-24
M12x45	1/2"x1"3/4		4187	1"1/4 GAS	69,85	93	35,71	78	19	13,5	1"1/2	PG03-2420
M12x45	1/2"x1"3/4		4225	2" GAS	77,77	102	42,88	90	19	13,5	2"	PG03-32
M12x45	1/2"x1"3/4		4225	1"1/2 GAS	77,77	102	42,88	90	19	13,5	2"	PG03-3224
M12x45	1/2x1"3/4	172	4275	2"1/2 GAS	88,90	114	50,80	105	19	13,5	2"1/2	PG03-40
M12x45	1/2x1"3/4		4275	2" GAS	88,90	114	50,80	105	19	13,5	2"1/2	PG03-4032
M16x50	5/8x2"	138	4337	3" GAS	106,38	134	61,83	124	23	17,5	3"	PG03-48
M16x50	5/8x2"		4337	2"1/2 GAS	106,38	134	61,83	124	23	17,5	3"	PG03-4840
M16x50	5/8x2"	34	4387	3"1/2 GAS	120,65	152	69,85	136	21	17,5	3"1/2	PG03-56
M16x50	5/8x2"		4387	3" GAS	120,65	152	69,85	136	21	17,5	3"1/2	PG03-5648
M16x50	5/8x2"		4437	4" GAS	130,18	162	77,77	146	24	17,5	4"	PG03-64
M16x50	5/8x2"		4437	3"1/2 GAS	130,18	162	77,77	146	24	17,5	4"	PG03-6456

Przylączy flanszowe typ SAE 3000 PSI- płaskie, gwintowane BSP
BSP threaded flat flanges 3000 PSI



PG03-XX



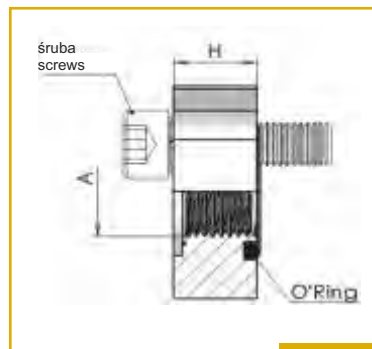
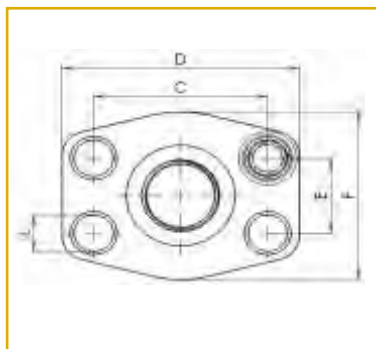
Przylączy flanszowe typ SAE- płaskie, gwintowane BSP
BSP threaded flat flanges SAE

PG06

6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions							Wielkość Size	PG03-XX
Metryczna Metric	UNC UNC			A	C	D	E	F	H	L		
		max										
6000 psi												
M10x35	3/8x1"1/2	414	4100	3/4" GAS	50,80	71	23,80	60	19	11	3/4"	PG06-12
M10x35	3/8x1"1/2		4100	1/2" GAS	50,80	71	23,80	60	19	11	3/4"	PG06-1208
M12x45	7/16x1"3/4		4131	1" GAS	57,15	81	27,76	70	23	13	1"	PG06-16
M12x45	7/16x1"3/4		4131	3/4" GAS	57,15	81	27,76	70	23	13	1"	PG06-1612
M14x45	1/2x1"3/4		4150	1"1/4 GAS	66,68	95	31,75	78	26	15	1"1/4	PG06-20
M14x45	1/2x1"3/4		4150	1" GAS	66,68	95	31,75	78	26	15	1"1/4	PG06-2016
M16x50	5/8x2"		4187	1"1/2 GAS	79,38	112	36,50	94	29	17	1"1/2	PG06-24
M16x50	5/8x2"		4187	1"1/4 GAS	79,38	112	36,50	94	29	17	1"1/2	PG06-2420
M20x60	3/4x2"1/2		4225	2" GAS	96,82	134	44,45	114	28	21	2"	PG06-32
M20x60	3/4x2"1/2		4225	1"1/2 GAS	96,82	134	44,45	114	28	21	1"1/2	PG06-4024

Przylączy flanszowe typ SAE 6000 PSI- płaskie, gwintowane BSP
BSP threaded flat flanges 6000 PSI



PG06-XX

Przylączy flanszowe typ SAE, kątowne 90° - gwintowane BSP
BSP threaded 90° flanges

NG03 & NG06 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions										Wielkość Size	NG03-XX NG06-XX
Metryczna Metric	UNC UNC			max	A	B	C	D	E	F	G	H	I		

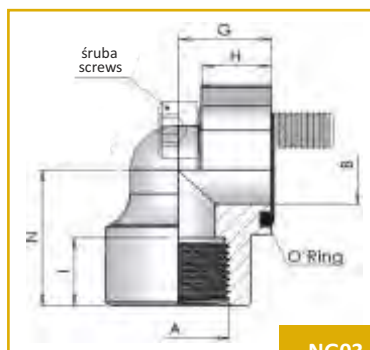
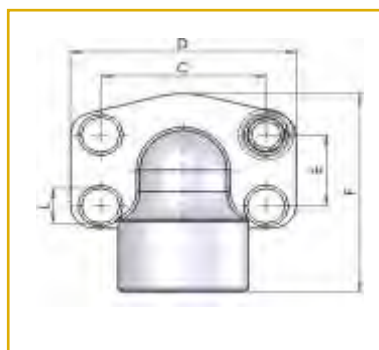
3000 psi

M8x30	5/16x1 "1/4	345	4075	1/2" GAS	13	38,10	54	17,48	60	20	16	19	9	37	1/2"	NG03-08
M8x30	5/16x1 "1/4		4075	3/8" GAS	13	38,10	54	17,48	60	20	16	19	9	37	1/2"	NG03-08 06
M10x35	3/8x1 "1/2		4100	3/4" GAS	19	47,63	65	22,23	63	24	18	19	11	38	3/4"	NG03-12
M10x35	3/8x1 "1/2		4100	1/2" GAS	19	47,63	65	22,23	63	24	18	19	11	38	3/4"	NG03-1208
M10x35	3/8x1 "1/2		4131	1" GAS	25	52,37	70	26,19	70	28	19	20	11	43	1"	NG03-16
M10x40	3/8x1 "1/2		4131	3/4" GAS	25	52,37	70	26,19	70	28	19	20	11	43	1"	NG03-1612
M10x40	7/16x1 "3/4	276	4150	1"1/4 GAS	32	58,72	79	30,18	85	34	21	22	11,5	51	1"1/4	NG03-20
M10x40	7/16x1 "3/4		4150	1" GAS	32	58,72	79	30,18	85	34	21	22	11,5	51	1"1/4	NG03-201 6
M12x45	1/2x1 "3/4	207	4187	1"1/2 GAS	38	69,85	93	35,71	95	38	25	25	13,5	56	1"1/2	NG03-24
M12x45	1/2x1 "3/4		4187	1"1/4 GAS	38	69,85	93	35,71	95	38	25	25	13,5	56	1"1/2	NG03-2420
M12x45	1/2x1 "3/4		4225	2" GAS	51	77,77	110	42,88	110	42	25	28	13,5	65	2"	NG03-32
M12x45	1/2x1 "3/4		4225	1"1/2 GAS	51	77,77	110	42,88	110	42	25	28	13,5	65	2"	NG03-3224

6000 psi

M8x30	5/16x1 "1/4	414	4075	1/2" GAS	13	40,49	54	18,24	60	20	16	19	9	37	1/2"	NG06-08
M8x30	5/16x1 "1/4		4075	3/8" GAS	13	40,49	54	18,24	60	20	16	19	9	37	1/2"	NG06-0806
M10x35	3/8x1 "1/2		4100	3/4" GAS	19	50,80	70	23,80	70	28	19	20	11	43	3/4"	NG06-12
M10x35	3/8x1 "1/2		4100	1/2" GAS	19	50,80	70	23,80	70	28	19	20	11	43	3/4"	NG06-1208
M12x45	7/16x1 "3/4		4131	1" GAS	25	57,15	79	27,76	85	34	21	22	13	51	1"	NG06-16
M12x45	7/16x1 "3/4		4131	3/4" GAS	25	57,15	79	27,76	85	34	21	22	13	51	1"	NG06-1612
M14x45	1/2x1 "3/4		4150	1"1/4 GAS	32	66,68	93	31,75	95	38	25	25	15	56	1"1/4	NG06-20
M14x45	1/2x1 "3/4		4150	1" GAS	32	66,68	93	31,75	95	38	25	25	15	56	1"1/4	NG06-201 6
M16x50	5/8x2"		4187	1"1/2 GAS	38	79,38	110	36,50	110	42	25	28	17	65	1"1/2	NG06-24
M16x50	5/8x2"		4187	1"1/4 GAS	38	79,38	110	36,50	110	42	25	28	17	65	1"1/2	NG06-2420
M20x70	3/4x2 "1/2		4225	2" GAS	51	96,82	134	44,45	132	45	35	33	21	75	2"	NG06-32
M20x70	3/4x2 "1/2		4225	1"1/2 GAS	51	96,82	134	44,45	132	45	35	33	21	75	2"	NG06-3224

Przylączy flanszowe typ SAE, kątowne 90°-3000 PSI (6000 PSI) -gwintowane BSP
BSP threaded 90° flanges 3000 PSI (6000 PSI)



NG03-XX

NG06-XX

*Dodatkowe opcje/ additional options:

Gwinty wewnętrzne/ internal thread NPT (NN03(06)-XX) lub/ or UNF (NU03(06)-XX)



Przylączka flanszowe typ SAE z gwintem BSP- stożek 60°
60° tapered seat BSP threaded flanges

FDG3 & FDG6 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions										Wielkość Size	FDG3-XX FDG6-XX
Metryczna Metric	UNC UNC			A	B	C	D	E	F	G	H	I	L		

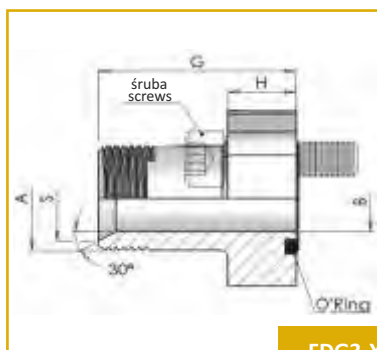
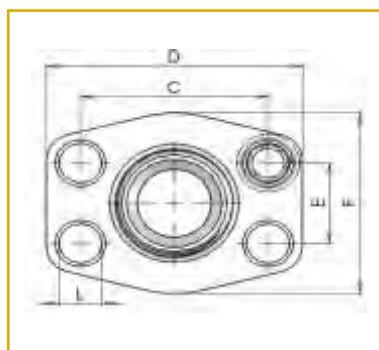
3000 psi

M8x30	5/16x1 "1/4	345	4075	1/2" GAS	12	38,10	54	17,48	46	52	13	9,0	17,5	1/2"	FDG3-08
M8x30	5/16x1 "1/4		4075	3/8" GAS	9	38,10	54	17,48	46	52	13	9,0	14,0	1/2"	FDG3-0806
M10x35	3/8x1 "1/2		4100	3/4" GAS	17	47,63	65	22,23	50	60	14	11,5	22,9	3/4"	FDG3-12
M10x35	3/8x1 "1/2		4100	1/2" GAS	12	47,63	65	22,23	50	60	14	11,5	17,5	3/4"	FDG3-1208
M10x35	3/8x1 "1/2		4131	1" GAS	22	52,37	70	26,19	55	63	16	11,5	28,7	1"	FDG3-16
M10x40	3/8x1 "1/2		4131	3/4" GAS	17	52,37	70	26,19	55	63	16	11,5	22,9	1"	FDG3-1612
M10x35	7/16x1 "3/4	276	4150	1"1/4 GAS	29	58,72	79	30,18	68	65	14	11,5	36,8	1"1/4	FDG3-20
M10x35	7/16x1 "3/4		4150	1" GAS	22	58,72	79	30,18	68	65	14	11,5	28,7	1"1/4	FDG3-2016
M12x35	1/2x1 "3/4	207	4187	1"1/2 GAS	34	69,85	94	35,71	78	70	16	13,5	42,7	1"1/2	FDG3-24
M12x35	1/2x1 "3/4		4187	1"1/2 GAS	29	69,85	94	35,71	78	70	16	13,5	36,8	1"1/2	FDG3-2420

6000 psi

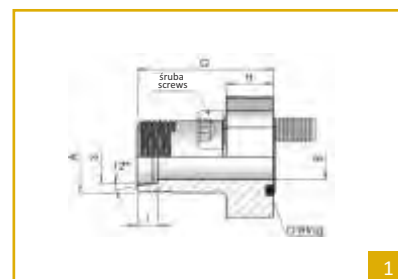
M8x30	5/16x1 "1/4	414	4075	1/2" GAS	12	40,49	56	18,24	48	60	16	9	17,5	1/2"	FDG6-08
M8x30	5/16x1 "1/5		4075	3/8" GAS	9	40,49	56	18,24	48	60	16	9	14,0	1/2"	FDG6-0806
M10x40	3/8x1 "1/2		4100	3/4" GAS	17	50,80	71	23,80	60	73	19	12	22,9	3/4"	FDG6-12
M10x40	3/8x1 "1/3		4100	1/2" GAS	12	50,80	71	23,80	60	73	19	12	17,5	3/4"	FDG6-1208
M12x45	7/16x1 "3/4		4131	1" GAS	22	57,15	81	27,76	70	82	24	13	28,7	1"	FDG6-16
M12x45	7/16x1 "3/5		4131	3/4" GAS	17	57,15	81	27,76	70	82	24	13	22,9	1"	FDG6-1612
M14x45	1/2x1 "3/4		4150	1"1/4 GAS	29	66,68	95	31,75	78	92	27	15	36,8	1"1/4	FDG6-20
M14x45	1/2x1 "3/5		4150	1" GAS	22	66,68	95	31,75	78	92	27	15	28,7	1"1/4	FDG6-2016
M16x50	5/8x2"		4187	1"1/2 GAS	34	79,38	113	36,50	95	96	30	17	42,7	1"1/2	FDG6-24
M16x50	5/8x2"		4187	1"1/4 GAS	29	79,38	113	36,50	95	96	30	17	36,8	1"1/2	FDG6-2420

Przylączka flanszowe typ SAE- 3000 PSI (6000 PSI) z gwintem BSP, stożek 60°
60° tapered seat BSP threaded flanges 3000PSI (6000 PSI)

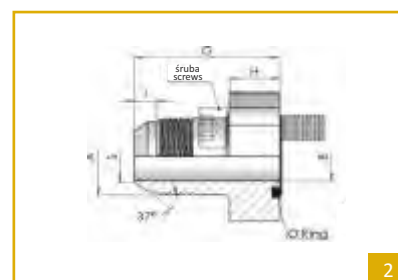


FDG3-XX

FDG6-XX



1



2

*Dodatkowe opcje/ additional options:

Gwinty wewnętrzne/ internal thread **DIN2353 (FDD3(6)-XX)** patrz rysunek 1/ look drawing 1
lub/ or **JIC (FDJ3(6)-XX)** patrz rysunek 2/ look drawing 2

Przylączy flanszowe typ SAE- kątowe 90° z gwintem BSP - stożek 60°
90° flanges with 60° tapered seat and BSP thread SAE

NOG3 & NOG6 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions												Wielkość Size	N0G3-XX N0G6-XX
Metryczna Metric	UNC UNC			max	A	B	C	D	E	F	G	H	L	N	S		

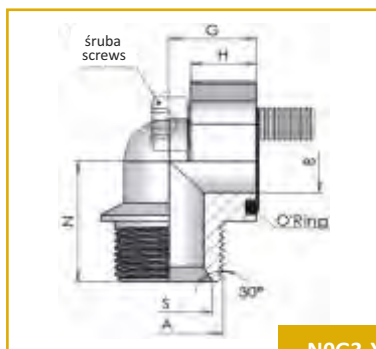
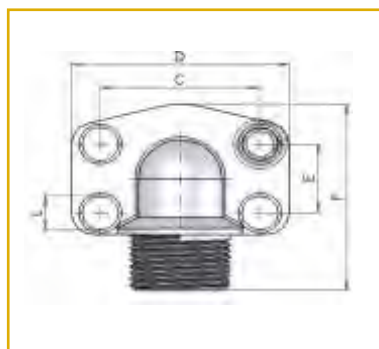
3000 psi

M8x30	5/16x1 "1/4	345	4075	1/2" GAS	11,5 / 13	38,10	54	17,48	61	20	16	9	38	17,5	1/2"	NOG3-08
M8x30	5/16x1 "1/4		4075	3/8" GAS	8,5 / 13	38,10	54	17,48	61	20	16	9	38	14,0	1/2"	NOG3-0806
M10x35	3/8x1 "1/2		4100	3/4" GAS	17 / 19	47,63	65	22,23	64	24	18	11	39	22,9	3/4"	NOG3-12
M10x35	3/8x1 "1/2		4131	1" GAS	22 / 25	52,37	70	26,19	70	28	19	11	43	28,7	1"	NOG3-16
M10x35	7/16x1 "3/4	276	4150	1"1/4 GAS	28,5 / 32	58,72	79	30,18	85	34	21	12	51	36,8	1"1/4	NOG3-20
M12x35	1/2x1 "3/4	207	4187	1"1/2 GAS	34 / 38	69,85	93	35,71	96	38	25	14	56	42,7	1"1/2	NOG3-24

6000 psi

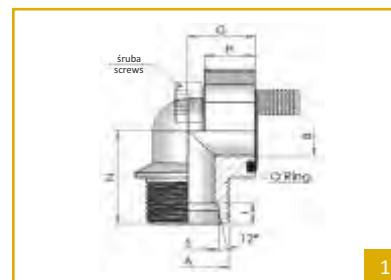
M8x30	5/16x1 "1/4	414	4075	1/2" GAS	11,5 / 13	40,49	54	18,24	61	20	16	9	38	18	1/2"	NOG6-0808
M8x30	5/16x1 "1/4		4075	3/8" GAS	8,5 / 13	40,49	54	18,24	61	20	16	9	38	14	1/2"	NOG6-0806
M10x40	3/8x1 "1/2		4100	3/4" GAS	17 / 19	50,80	70	23,80	70	28	19	11	43	23	3/4"	NOG6-12
M12x45	7/16x1 "3/4		4131	1" GAS	22 / 25	57,15	79	27,76	85	34	21	13	51	29	1"	NOG6-16
M14x45	1/2x1 "3/4		4150	1"1/4 GAS	28,5 / 32	66,68	93	31,75	96	38	25	15	56	37	1"1/4	NOG6-20
M16x50	5/8x2"		4187	1"1/2 GAS	34 / 38	79,38	110	36,50	110	42	25	17	65	43	1"1/2	NOG6-24

Przylączy flanszowe typ SAE kątowe 90°- 3000 PSI (6000 PSI), z gwintem BSP, stożek 60°
90° Flanges with 60° tapered seat and BSP thread 3000 PSI, 6000 PSI

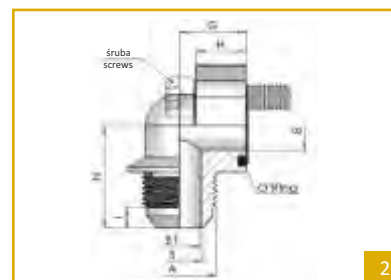


NOG3-XX

NOG6-XX



1



2

*Dodatkowe opcje/ additional options:

Gwinty wewnętrzne/ internal thread **DIN2353 (N0D3(6)-XX)** patrz rysunek 1/ look drawing 1
lub/ or **JIC (N0J3(6)-XX)** patrz rysunek 2/ look drawing 2



Przylączy flanszowe typ SAE do spawania
Welding flanges SAE

FS03 & FS06 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions										Wielkość Size	FS03-XX FS06-XX
Metryczna Metric	UNC UNC			A	B	C	D	E	F	G	H	I	L		

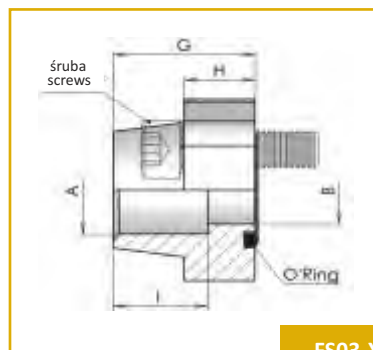
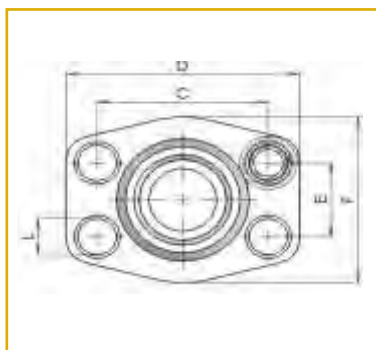
3000 psi

M8x30	5/16x1"1/4	345	4075	21,6	13	38,10	57	17,48	46	36	16	19	9,0	1/2"	FS03-08
M8x30	5/16x1"1/4		4075	17,5	13	38,10	57	17,48	46	36	16	19	9,0	1/2"	FS03-806
M10x35	3/8"x1"1/2		4100	27,2	19	47,63	65	22,23	50	36	18	19	11,0	3/4"	FS03-12
M10x35	3/8"x1"1/2		4131	34	25	52,37	70	26,19	55	38	18	19	11,0	1"	FS03-16
M10x40	7/16x1"3/4	276	4150	42,8	32	58,72	79	30,18	68	41	21	22	11,5	1"1/4	FS03-20
M12x45	1/2x1"3/4	207	4187	48,6	38	69,85	93	35,71	78	45	25	24	13,5	1"1/2	FS03-24
M12x45	1/2x1"3/4		4225	61	51	77,77	102	42,88	90	45	25	26	13,5	2"	FS03-32
M12x45	1/2x1"3/4	172	4275	76,6	63	88,90	114	50,80	105	50	25	30	13,5	2"1/2	FS03-40
M16x50	5/8"x2"	138	4337	90,5	73	106,38	134	61,93	124	50	27	34	17,5	3"	FS03-48
M16x50	5/8x2"	34	4387	103	89	120,65	152	69,85	136	48	27	34	17,5	3"1/2	FS03-56
M16x50	5/8x2"		4437	115,5	99	130,18	162	77,77	146	48	27	34	17,5	4"	FS03-64

6000 psi

M8x30	5/16x1"1/4	414	4075	21,6	13	40,49	57	18,24	46	36	16	19	9	1/2"	FS06-0808
M8x30	5/16x1"1/4		4075	17,5	13	40,49	57	18,24	46	36	16	19	9	1/2"	FS06-0806
M10x40	3/8x1"1/2		4100	27,2	19	50,80	71	23,80	55	35	21	22	11	3/4"	FS06-12
M12x45	7/16x1"3/4		4131	34	25	57,15	81	27,76	65	42	25	22	13	1"	FS06-16
M14x45	1/2x1"3/4		4150	42,8	32	66,68	95	31,75	78	45	27	25	15	1"1/4	FS06-20
M16x50	5/8x2"		4187	48,6	38	79,38	112	36,50	94	50	30	28	17	1"1/2	FS06-24
M20x70	3/4x2"1/2		4225	61	51	96,82	134	44,45	114	65	37	24	21	2"	FS06-32
M24x80	-		4275	76,6	63	123,80	180	58,70	152	80	45	32	26	2"1/2	FS06-40
M30x100	-		4337	90,5	73	152,40	208	71,40	178	90	55	30	33	3"	FS06-48

Przylączy flanszowe typ SAE do spawania- 3000 PSI (6000 PSI)
Welding flanges SAE 3000 PSI (6000PSI)



FS03-XX

FS06-XX

*Dodatkowe opcje/ additional options:
Wykonanie pod rurki metryczne/ for metric tubes FSM3(6)-XX

Przeciwflansza typ SAE do spawania
Welding counter flanges SAE

CS03 & CS06 3000 psi
6000 psi

Metryczna Metric	UNC UNC	Ciśnienie Pressure (bar)	Wymiary Dimensions									Wielkość Size	CS03-XX CS06-XX
M		max	A	B	C	D	E	F	G	H	I		

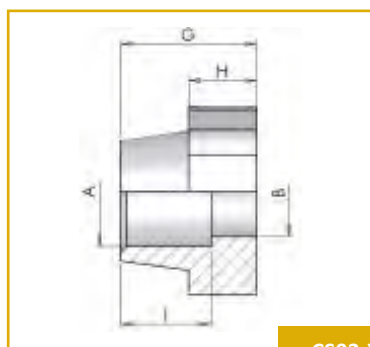
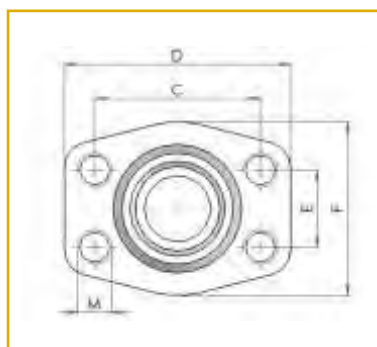
3000 psi

M8	5/16	345	21,6	13	38,10	57	17,48	46	36	16	19	1/2"	CS03-08
M8	5/16		17,5	13	38,10	57	17,48	46	36	16	19	1/2"	CS03-0806
M10	3/8		27,2	19	47,63	65	22,23	50	36	18	19	3/4"	CS03-12
M10	3/8		34	25	52,37	70	26,19	55	38	18	19	1"	CS03-16
M10	7/16	276	42,8	32	58,72	79	30,18	68	41	21	22	1"1/4	CS03-24
M12	1/2	207	48,6	38	69,85	93	35,71	78	45	25	24	1"1/2	CS03-32
M12	1/2		61	51	77,77	102	42,88	90	45	25	26	2"	CS03-40
M12	1/2	172	76,6	63	88,90	114	50,80	105	50	25	30	2"1/2	CS03-48
M16	5/8	138	90,5	73	106,38	134	61,93	124	50	27	34	3"	CS03-56
M16	5/8	34	103	89	120,65	152	69,85	136	48	27	34	3"1/2	CS03-64
M16	5/8		115,5	99	130,18	162	77,77	146	48	27	34	4"	CS03-20

6000 psi

M8	5/16	414	21,6	13	40,49	57	18,24	46	36	16	19	1/2"	CS06-0808
M8	5/16		17,5	13	40,49	57	18,24	46	36	16	19	1/2"	CS06-0806
M10	3/8		27,2	19	50,80	71	23,80	55	35	21	22	3/4"	CS06-12
M12	7/16		34	25	57,15	81	27,76	65	42	25	22	1"	CS06-16
M14	1/2		42,8	32	66,68	95	31,75	78	45	27	25	1"1/4	CS06-20
M16	5/8		48,6	38	79,38	112	36,50	94	50	30	28	1"1/2	CS06-24
M20	3/4		61	51	96,82	134	44,45	114	65	37	24	2"	CS06-32
M24	-		76,6	63	123,80	180	58,70	152	80	45	32	2"1/2	CS06-40
M30	-		90,5	73	152,4	208	71,4	178	90	55	30	3"	CS06-48

Przeciwflansza typ SAE- do spawania 3000 PSI (6000 PSI)
Welding counter flanges SAE 3000 PSI (6000 PSI)



CS03-XX

CS06-XX

*Dodatkowe opcje/ additional options:
Wykonanie pod rurki metryczne/ for metric tubes CSM3(6)-XX

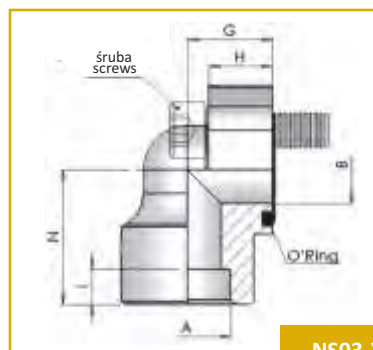
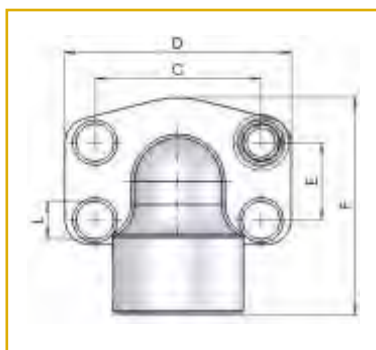


Przylączy flanszowe typ SAE, kątowne 90° do spawania
Welding 90° flanges SAE

NS03 & NS06 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions												Wielkość Size	NS03-XX NS06-XX
Metryczna Metric	UNC UNC			A	B	C	D	E	F	G	H	I	L	N			
max																	
3000 psi																	
M8x30	5/16x1 "1/4	345	4075	21,6	13,0	38,10	54	17,48	60	20	16	10	9,0	37	1/2"	NS03-08	
M8x30	5/16x1 "1/4		4075	17,5	13,0	38,10	54	17,48	60	20	16	10	9,0	37	1/2"	NS03-0806	
M10x35	3/8x1"1/2		4100	27,2	19,0	47,63	65	22,23	63	24	18	10	11,0	38	3/4"	NS03-12	
M10x35	3/8x1"1/2		4131	34,0	25,0	52,37	70	26,19	70	28	19	12	11,0	43	1"	NS03-16	
M10x40	7/16x1"3/4		4150	42,8	32,0	58,72	79	30,18	85	34	21	14	11,5	51	1"1/4	NS03-20	
M12x45	1/2x1"3/4	276	4187	48,6	38,0	69,85	93	35,71	95	38	25	16	13,5	56	1"1/2	NS03-24	
M12x45	1/2x1"3/4	207	4225	61,0	51,0	77,77	110	42,88	110	42	25	18	13,5	65	2"	NS03-32	
6000 psi																	
M8x30	5/16x1 "1/4	414	4075	21,6	13,0	40,49	54	18,24	60	20	16	10	9	37	1/2"	NS06-0808	
M8x30	5/16x1 "1/4		4075	17,5	13,0	40,49	54	18,24	60	20	16	10	9	37	1/2"	NS06-0806	
M10x40	3/8x1"1/2		4100	27,2	19,0	50,80	70	23,80	70	28	19	12	11	43	3/4"	NS06-12	
M12x45	7/16x1"3/4		4131	34,0	25,0	57,15	79	27,76	85	34	21	14	13	51	1"	NS06-16	
M14x45	1/2x1"3/4		4150	42,8	32,0	66,68	93	31,75	95	38	25	16	15	56	1"1/4	NS06-20	
M16x50	5/8x2"		4187	48,6	38,0	79,38	110	36,50	110	42	25	18	17	65	1"1/2	NS06-24	
M20x70	3/4x2"1/2		4225	61,0	51,0	96,82	134	44,45	132	45	35	25	21	75	2"	NS06-32	

Przylączy flanszowe typ SAE, kątowne 90° do spawania 3000 PSI (6000 PSI)
Welding 90° flanges SAE 3000 PSI (6000 PSI)



NS03-XX

NS06-XX

*Dodatkowe opcje/ additional options:
Wykonanie pod rurki metryczne/ for metric tubes NSM3(6)-XX

Przeciwnflansa typ SAE, kątowa 90° do spawania
Welding 90° counter flanges SAE

VS03 & VS06 3000 psi
6000 psi

Metryczna Metric	Ciśnienie Pressure (bar)	Wymiary Dimensions										Wielkość Size	VS03-XX VS06-XX
		max	A	B	C	D	E	F	G	H	I		

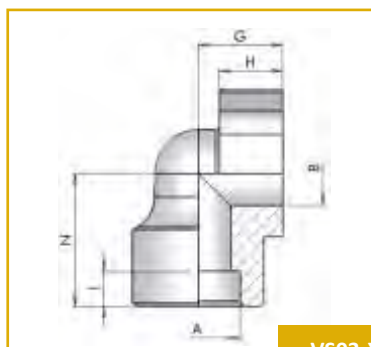
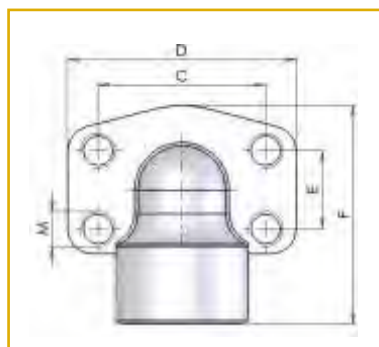
3000 psi

M8	345	21,6	13	38,10	54	17,48	17	20	16	10	37	1/2"	VS03-08
M8		17,5	13	38,10	54	17,48	17	20	16	10	37	1/2"	VS03-0806
M10		27,2	19	47,63	65	22,23	22	24	18	10	38	3/4"	VS03-012
M10		34,0	25	52,37	70	26,19	26	28	19	12	43	1"	VS03-16
M10	276	42,8	32	58,72	79	30,18	30	34	21	14	51	1"1/4	VS03-20
M12	207	48,6	38	69,85	93	35,71	36	38	25	16	56	1"1/2	VS03-24
M12		61,0	51	77,77	110	42,88	43	42	25	18	65	2"	VS03-32

6000 psi

M8	414	21,6	13	40,49	54	18,24	18	20	16	10	37	1/2"	VS06-0808
M8		17,5	13	40,49	54	18,24	18	20	16	10	37	1/2"	VS06-0806
M10		27,2	19	50,80	70	23,80	24	28	19	12	43	3/4"	VS06-12
M12		34,0	25	57,15	79	27,76	28	34	21	14	51	1"	VS06-16
M14		42,8	32	66,68	93	31,75	32	38	25	16	56	1"1/4	VS06-20
M16		48,6	38	79,38	110	36,50	37	42	25	18	65	1"1/2	VS06-24
M20		61,0	51	96,82	134	44,45	44	45	35	25	75	2"	VS06-32

Przeciwnflansa typ SAE, kątowa 90° typ SAE- do spawania 3000 PSI (6000 PSI)
Welding 90° counter flanges SAE 3000 PSI (6000 PSI)



VS03-XX

VS06-XX

*Dodatkowe opcje/ additional options:
Wykonanie pod rurki metryczne/ for metric tubes VSM03(06)-XX



Przylączki flanszowe typ SAE do spawania
Weld on flanges SAE

FB03 & FB06 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions									Wielkość Size	FB03-XX FB06-XX
Metryczna Metric	UNC UNC			A	B	C	D	E	F	G	H	L		

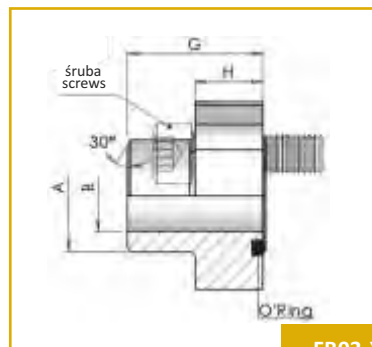
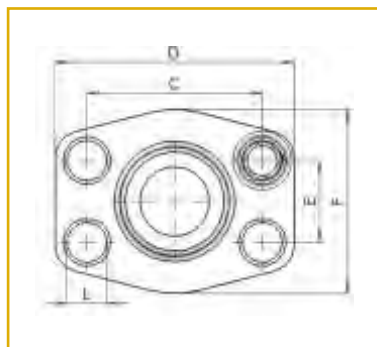
3000 psi

M8x30	5/16x1 "1/4	345	4075	21,5	13	38,10	57	17,48	46	36	16	9,0	1/2"	FB03-08
M8x30	5/16x1 "1/4		4075	17,5	13	38,10	57	17,48	46	36	16	9,0	1/2"	FB03-0806
M10x35	3/8x1 "1/2		4100	28,0	19	47,63	65	22,23	50	36	18	11,0	3/4"	FB03-12
M10x35	3/8x1 "1/2		4131	34,0	25	52,37	70	26,19	55	38	18	11,0	1"	FB03-16
M10x40	7/16x1 "3/4	276	4150	42,8	32	58,72	79	30,18	68	41	21	11,5	1"1/4	FB03-20
M12x45	1/2x1 "3/4	207	4187	48,6	38	69,85	93	35,71	78	44	25	13,5	1"1/2	FB03-24
M12x45	1/2x1 "3/4		4225	61,0	51	77,77	102	42,88	90	45	25	13,5	2"	FB03-32
M12x45	1/2x1 "3/4	172	4275	77,0	63	88,90	114	50,80	105	50	25	13,5	2-1/2	FB03-40
M12x45	1/2x1 "3/4	138	4275	92,0	73	106,38	134	61,93	124	50	25	13,5	3"	FB03-48
M16x50	5/8x2"	34	4387	103,0	89	120,65	152	69,85	136	48	27	17,5	3"1/2	FB03-56
M16x50	5/8x2"		4437	115,5	99	130,18	162	77,77	146	48	27	17,5	4"	FB03-64

6000 psi

M8x30	5/16x1 "1/4	414	4075	21,5	13	40,49	57	18,24	46	36	16	9	1/2"	FB06-0808
M8x30	5/16x1 "1/4		4075	17,5	13	40,49	57	18,24	46	36	16	9	1/2"	FB06-0806
M10x40	3/8x1 "1/2		4100	28,0	19	50,80	71	23,80	55	35	21	11	3/4"	FB06-12
M12x45	7/16x1 "3/4		4131	34,0	25	57,15	79	27,76	68	41	21	13	1"	FB06-16
M14x45	1/2x1 "3/4	375	4150	42,8	32	66,68	93	31,75	78	44	25	15	1"1/4	FB06-20
M16x50	5/8x2"	320	4187	48,6	38	79,38	112	36,50	94	55	30	17	1"1/2	FB06-24
M20x70	3/4x2 "1/2	250	4225	61,0	51	96,82	134	44,45	114	65	37	21	2"	FB06-32
M24x80	-	230	4275	76,6	63	123,80	180	58,70	152	80	45	26	2"1/2	FB06-40
M30x100	-	200	4337	90,0	73	152,40	208	71,40	178	90	55	33	3"	FB06-48

Przylączki flanszowe typ SAE do spawania 3000 PSI (6000 PSI)
Weld on flanges SAE 3000 PSI (6000 PSI)



FB03-XX

FB06-XX

*Dodatkowe opcje/ additional options:
Wykonanie pod rurki metryczne/ for metric tubes FBM03(06)-XX

Przeciwnflansa typ SAE do spawania

Weld on counter flanges SAE

CB03 & CB06 3000 psi
6000 psi

Metryczna Metric	UNC UNC	Ciśnienie Pressure (bar)	Wymiary Dimensions								Wielkość Size	CB03-XX CB06-XX
			A	B	C	D	E	F	G	H		

3000 psi

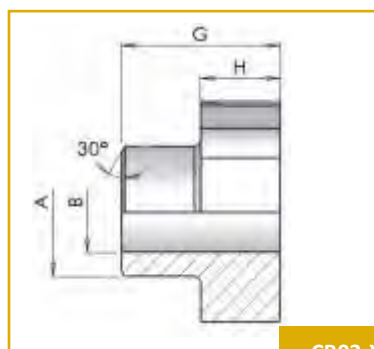
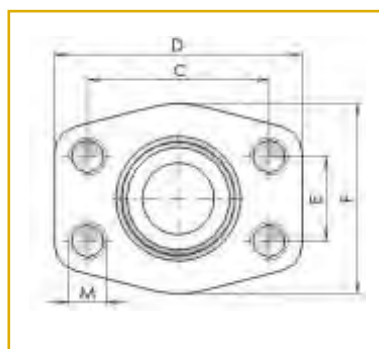
M8	5/16	345	21,5	13	38,10	57	17,48	46	36	16	1/2"	CB03-08
M8	5/16		17,5	13	38,10	57	17,48	46	36	16	1/2"	CB03-0806
M10	3/8		28,0	19	47,63	65	22,23	50	36	18	3/4"	CB03-12
M10	3/8		34,0	25	52,37	70	26,19	55	38	18	1"	CB03-16
M10	7/16	276	42,8	32	58,72	79	30,18	68	41	21	1" 1/4	CB03-20
M12	1/2	207	48,6	38	69,85	93	35,71	78	44	25	1" 1/2	CB03-24
M12	1/2		61,0	51	77,77	102	42,88	90	45	25	2"	CB03-32
M12	1/2	172	77,0	63	88,90	114	50,80	105	50	25	2" 1/2	CB03-40
M16	5/8	138	92,0	73	106,38	134	61,93	124	50	27	3"	CB03-48
M16	5/8	34	103,0	89	120,65	152	69,85	136	48	27	3" 1/2	CB03-56
M16	5/8		115,5	99	130,18	162	77,77	146	48	27	4"	CB03-64

6000 psi

M8	5/16	414	21,5	13	40,49	57	18,24	46	36	16	1/2"	CB06-0808
M8	5/16		17,5	13	40,49	57	18,24	46	36	16	1/2"	CB06-0806
M10	3/8		28,0	19	50,80	71	23,80	55	35	21	3/4"	CB06-12
M12	7/16		34,0	25	57,15	79	27,76	68	41	21	1"	CB06-16
M14	1/2	375	42,8	32	66,68	93	31,75	78	44	25	1" 1/4	CB06-20
M16	5/8	320	48,6	38	79,38	112	36,50	94	55	30	1" 1/2	CB06-24
M20	3/4	250	61,0	51	96,82	134	44,45	114	65	37	2"	CB06-32
M24	--	230	76,6	63	123,80	180	58,70	152	80	45	2" 1/2	CB06-40
M30	--	200	90,0	73	152,40	208	71,40	178	90	55	3"	CB06-48

Przeciwnflansa typ SAE do spawania 3000 PSI (6000 PSI)

Weld on counter flanges SAE 3000 PSI (6000 PSI)



CB03-XX

CB06-XX

*Dodatkowe opcje/ additional options:

Wykonanie pod rurki metryczne/ for metric tubes CBM03(06)-XX

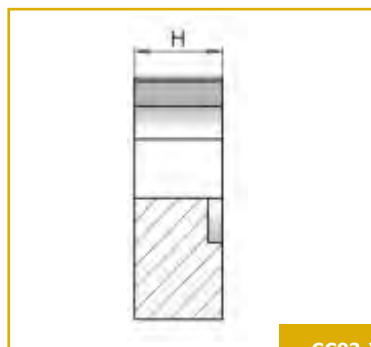
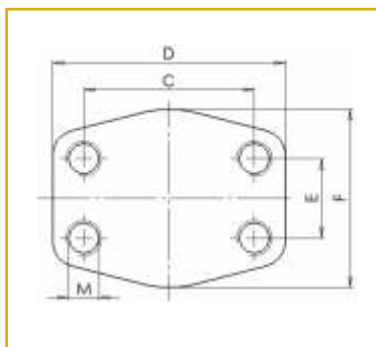


Zaślepka przylączki flanszowych typu SAE
Blind counter flanges SAE

CC03 & CC06 3000 psi
6000 psi

Metryczna Metric	UNC UNC	Ciśnienie Pressure (bar)	Wymiary Dimensions					Wielkość Size	CC03-XX CC06-XX
			M	max	C	D	E		
3000 psi									
M8x30	5/16	345	38,10	56	17,48	46	16	1/2"	CC03-08
M10x35	3/8		47,63	65	22,23	50	18	3/4"	CC03-12
M10x35	3/8		52,37	70	26,19	60	19	1"	CC03-16
M10x40	7/16	276	58,72	79	30,18	68	18	1"1/4	CC03-20
M12x45	1/2	207	69,85	93	35,71	78	20	1"1/2	CC03-24
M12x45	1/2		77,77	102	42,88	90	20	2"	CC03-32
M12x45	1/2		172	88,90	114	50,80	105	20	3"
M16x50	5/8	138	106,38	134	61,93	124	24	3"1/2	CC03-48
M16x50	5/8	34	120,65	152	69,85	136	22	4"	CC03-56
M16x50	5/8		130,18	162	77,77	146	25	2"1/2	CC03-64
6000 psi									
M8x30	5/16	414	40,49	56	18,24	48	16	1/2"	CC06-08
M10x35	3/8		50,80	71	23,80	60	19	3/4"	CC06-12
M12x45	7/16		57,15	81	27,76	70	24	1"	CC06-16
M14x45	1/2		66,68	95	31,75	78	27	1"1/4	CC06-20
M16x50	5/8		79,38	112	36,50	94	30	1"1/2	CC06-24
M20x60	3/4		96,82	134	44,45	114	30	2"	CC06-32
M24x100	-		123,80	180	58,70	152	45	2"1/2	CC06-40
M30x100	-		152,40	208	71,40	178	55	3"	CC06-48

Zaślepka przylączki flanszowych typu SAE 3000 PSI (6000 PSI)
Blind counter flanges SAE 3000 PSI (6000 PSI)



CC03-XX

CC06-XX

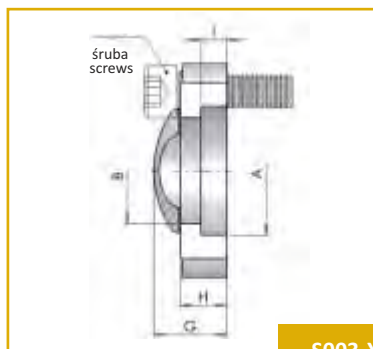
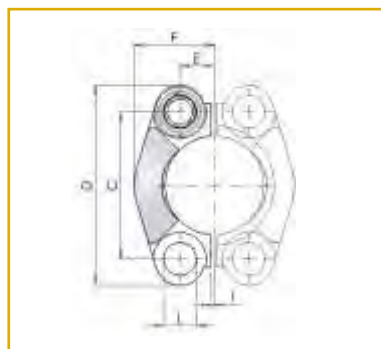


Półpierścienie pod flansze typu SAE
Cut split flanges SAE

S003 & S006 3000 psi
6000 psi

Śruby Screws		Ciśnienie Pressure (bar)	Wymiary Dimensions										Wielkość Size	S003-XX S006-XX
Metryczna Metric	UNC UNC		max	A	B	C	D	E	F	G	H	I		
3000 psi														
M8x30	5/16x1 "1/4	345	30,96	24,26	38,10	54	8,74	22,8	19	13	6,22	8,75	1/2"	S003-08
M10x35	3/8x1"1/2		38,89	32,13	47,63	65	11,13	25,9	22	14	6,22	10,75	3/4"	S003-12
M10x35	3/8x1"1/2		45,24	38,48	52,37	70	13,08	29,2	24	16	7,49	10,75	1"	S003-16
M10x35	-	276	51,59	43,69	58,72	79	15,09	36,3	22	14	7,49	12	1"1/4	S003-20
M12x35	-	207	61,09	50,80	69,85	94	17,86	41,1	25	16	7,49	13,5	1"1/2	S003-24
M12x35	-		72,24	62,74	77,77	102	21,44	48,2	26	16	9,02	13,5	2"	S003-32
M12x40	1/2x1"3/4	172	84,94	74,93	88,90	114	25,40	54,1	38	19	9,02	13,5	2-1/2	S003-40
M16x50	5/8x2"	138	102,39	90,93	106,38	135	30,96	65,3	41	22	9,02	17	3"	S003-48
M16x50	5/8x2"	34	115,1	102,36	120,65	152	34,92	69,5	28	22	10,72	17	3"1/2	S003-56
M16x50	5/8x2"		127,79	115,06	130,18	162	38,88	76,0	35	25	10,72	17	4"	S003-64
6000 psi														
M8x30	5/16x1 "1/4	414	32,54	24,64	40,49	56	9,12	23,6	22	16	7,24	8,75	1/2"	S006-08
M10x35	3/8x1"1/2		42,06	32,51	50,80	71	11,91	30,0	28	19	8,26	11,00	3/4"	S006-12
M12x45	-		48,41	38,86	57,15	81	13,89	34,8	33	24	9,02	13,00	1"	S006-16
-	-		54,76	44,45	66,68	95	15,88	38,6	38	27	9,78	15,00	1"1/4	S006-20
M16x50	5/8x2"		64,29	51,56	79,38	113	18,26	47,5	43	30	12,07	17,00	1"1/2	S006-24
M20x70	3/4x2"1/2		80,16	67,56	96,82	133	22,23	56,9	52	37	12,07	21,00	2"	S006-32

Półpierścienie pod flansze typu SAE 3000 PSI (6000 PSI)
Cut split flanges SAE 3000 PSI (6000 PSI)



S003-XX

S006-XX



Przyłącze kołnierzowe do pomp, mocowane w kwadrat- gwint metryczny (DIN2353)

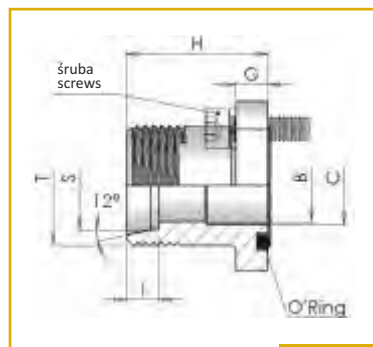
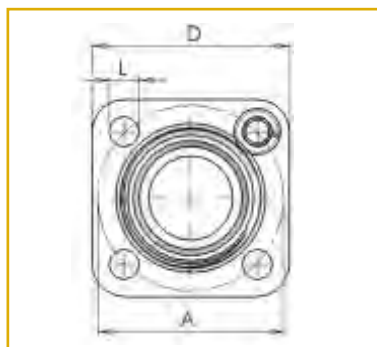
DIN 2353 metric threaded straight pump connectors with 4 fixing holes

MDD0

Śruby Screws	Ciśnienie Pressure (bar)	Typ o-ringa Type o-ring	Wymiary Dimensions									MDD0-XX
			A	B	C	D	S	T	G	H	L	
Metryczna Metric	max											
M6x20	315	3075	35	8	12	39	10	M16x1,5	8	30	6,4	MDD0-3510
M6x20		3075	35	10	12	39	12	M18x1,5	8	30	6,4	MDD0-3512
M6x20	250	3075	35	12	12	39	15	M22x1,5	8	30	6,4	MDD0-3515
M6x20		3075	35	12	12	39	16	M24x1,5	8	30	6,4	MDD0-3516
M6x20		3075	35	12	12	39	18	M26x1,5	8	30	6,4	MDD0-3518
M6x20	100	132	40	12	19	42	15	M22x1,5	8	35	6,4	MDD0-4015
M6x20		132	40	15	19	42	18	M26x1,5	8	35	6,4	MDD0-4018
M6x20		132	40	19	19	42	22	M30x2	8	35	6,4	MDD0-4022
M6x20		132	40	20	20	42	28	M36x2	8	42	6,4	MDD0-4028

Przyłącze kołnierzowe do pomp, mocowane w kwadrat- gwint metryczny (DIN2353)

DIN 2353 metric threaded straight pump connectors with 4 fixing holes



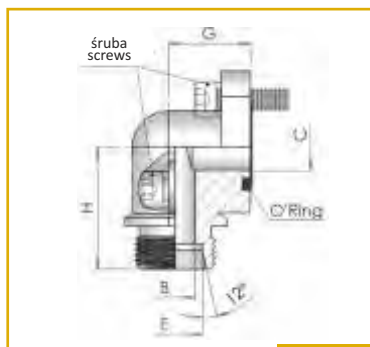
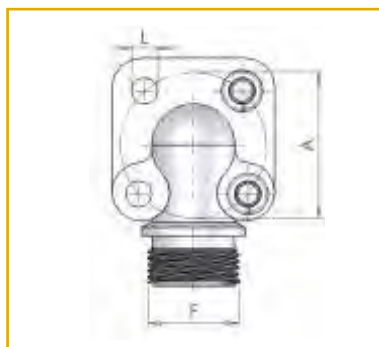
MDD0-XX

Przylączy kołnierzowe, kątowe 90° do pomp mocowane w kwadrat- gwint metryczny (DIN2353)
DIN 2353 Metric threaded 90° pump connectors with 4 fixing holes

G4D0

Śruby Screws	Ciśnienie Pressure (bar)	Typ o-ring Type o-ring	Wymiary Dimensions								G4D0-XX
			A	B	C	E	F	G	H	L	
N.2 M6x35 N.2 M6x20	300	3075	35	8	13	10	M16x1,5	18	41,5	6,4	G4D0-3510
N.2 M6x35 N.2 M6x20	300	3075	35	10	13	12	M18x1,5	18	41,5	6,4	G4D0-3512
N.2 M6x35 N.2 M6x20	250	3075	35	12	13	15	M22x1,5	18	41,5	6,4	G4D0-3515
N.2 M6x35 N.2 M6x20	250	3075	35	12	13	16	M24x1,5	18	41,5	6,4	G4D0-3516
N.2 M6x35 N.2 M6x20	250	3075	35	12	13	18	M26x1,5	18	41,5	6,4	G4D0-3518
N.2 M6x45 N.2 M6x20	100	132	40	12	19	15	M22x1,5	24	41,5	6,4	G4D0-4015
N.2 M6x45 N.2 M6x20	100	132	40	15	19	18	M26x1,5	24	41,5	6,4	G4D0-4018
N.2 M6x45 N.2 M6x20	100	132	40	17	19	22	M30x2	24	41,5	6,4	G4D0-4022

Przylączy kołnierzowe, kątowe 90° mocowane w kwadrat- gwint metryczny (DIN2353)
DIN 2353 Metric threaded 90° pump connectors with 4 fixing holes



G4D0-XX

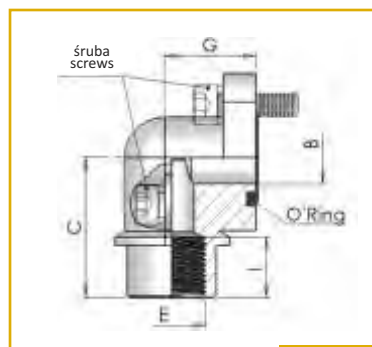
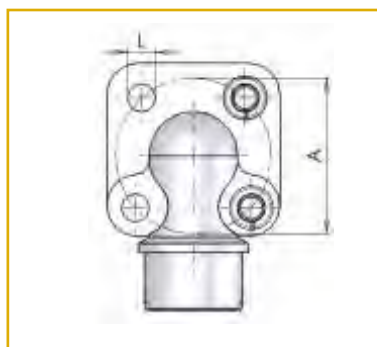


Przylączy kołnierzowe, kątowe 90° do pomp mocowane w kwadrat- gwint BSP
BSP threaded 90° pump connectors with 4 fixing holes

G4G0

Śruby Screws	Ciśnienie Pressure (bar)	Typ o-ringa Type o-ring	Wymiary Dimensions							G4G0-XX
Metryczna Metric	max		A	B	C	D	E	G	L	
N.2 M6x35 N.2 M6x20	300	3075	35	13	41,5	16	3/8" GAS	18	6,4	G4G0-3506
N.2 M6x35 N.2 M6x20		3075	35	13	41,5	19	1/2" GAS	18	6,4	G4G0-3508
N.2 M6x45 N.2 M6x20		132	40	19	41,5	19	1/2" GAS	24	6,4	G4G0-4008
N.2 M6x45 N.2 M6x20		132	40	19	41,5	19	3/4" GAS	24	6,4	G4G0-4012
N.2 M8x25 N.2 M8x60	315	3125	55	19	46	17	3/4" GAS	31	8,5	G4G0-5512
N.2 M8x25 N.2 M8x70		3125	55	22	49	22	1" GAS	31	8,5	G4G0-5516

Przylączy kołnierzowe do pomp, kątowe 90°, mocowane w kwadrat- gwint BSP
90° pump connectors with 4 fixing holes



G4G0-XX

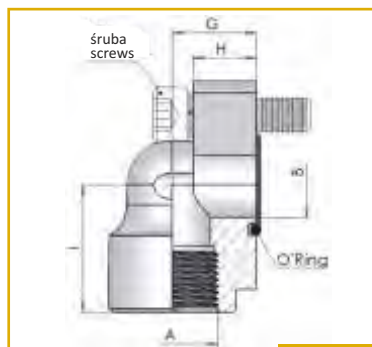
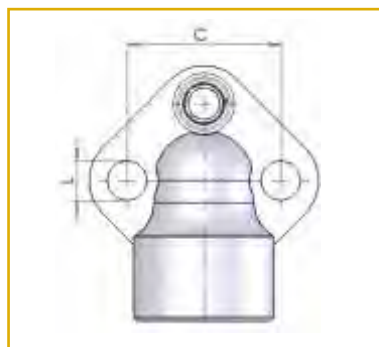


Przylączy kołnierzowe do pomp, kątowe 90° mocowane w karo, gwint BSP
90° pump connectors with 3 fixing holes

G3G0

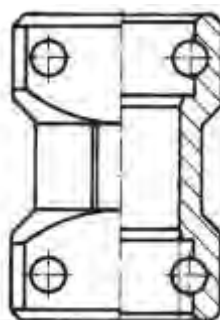
Śruby Screws	Ciśnienie Pressure (bar)	Grupa pompy Pump group	Typ o-ringa Type o-ring	Wymiary Dimensions							G3G0-XX
				A	B	C	G	H	I	L	
Metryczna Metric	max										
M5x20	300	0,5	2056	3/8" GAS	11	26	17	8	24	5,3	G3G0-2606
M5x20		0,5	2056	1/2" GAS	11	26	17	8	24	5,3	G3G0-2608
M6x20		1,0	121	3/8" GAS	12	30	17	8	24	6,4	G3G0-3006
M6x20		1,0	121	1/2" GAS	12	30	17	8	26	6,4	G3G0-3008
M8x25A		2,0	132	1/2" GAS	19	40	21	10	30	8,5	G3G0-4008
M8x25A		2,0	132	3/4" GAS	19	40	21	10	30	8,5	G3G0-4012
M10x30A		3,0	3125	3/4" GAS	26	51	26	13	45	10,5	G3G0-5112
M10x30A		3,0	3125	1" GAS	26	51	26	13	45	10,5	G3G0-5116
M10x30A		3,0	3125	3/4" GAS	26	56	26	13	45	10,5	G3G0-5612
M10x30A		3,0	3125	1" GAS	26	56	26	13	45	10,5	G3G0-5613

Przylączy kołnierzowe, kątowe 90° mocowane w karo, gwint BSP
BSP threaded 90° pump connectors with 3 fixing holes



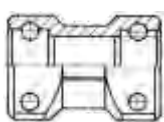
G3G0-XX

STECKO



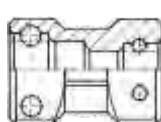
144
strona/ page

ZG-_-_-



144
strona/ page

ZGR-_-_-



145
strona/ page

ZGK-_-_-



145
strona/ page

ZGWK-_-_-



146
strona/ page

ZW-_-_-



146
strona/ page

ZWR-_-_-



147
strona/ page

ZGWR-_-_-



147
strona/ page

ZWR-_-_-



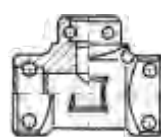
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ZGT-_-_-



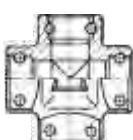
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ZGTR-_-_-



149
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ZGC-_-_-



149
strona/ page

P-_-_-



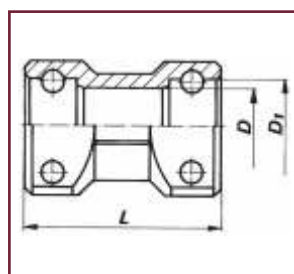
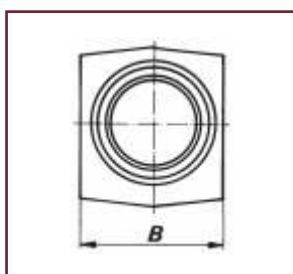


ZG-__-__

Złączka gniazdowa
Straight staple female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	L	B	Waga Weight	ZG-__-__
		mm				kg	
500	4/6	10	15	55	27	0,185	ZG-04-04
500	8/10	14	20	55	27	0,146	ZG-06-06
420	12	18	24	55	32	0,255	ZG-08-08
350	20	24	29	58	36	0,270	ZG-12-12
275	25	31	39	75	50	0,713	ZG-16-16
200	32	38	46	75	55	0,795	ZG-20-20

Złączka gniazdowa
Straight staple female adaptor



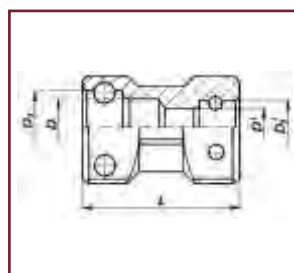
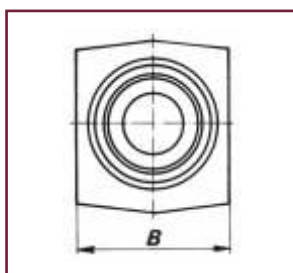
ZG-__-__

ZGR-__-__

Złączka gniazdowa- redukcyjna
Reducing staple female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	D'	D'1	L	B	Waga Weight	ZGR-__-__
		mm						kg	
420	12/10	18	24	14	20	55	32	0,310	ZGR-08-06
350	20/12	24	29	18	24	58	36	0,705	ZGR-12-08
275	25/20	31	39	24	29	75	50	0,755	ZGR-16-12
200	32/25	38	46	31	39	75	55	0,810	ZGR-20-16

Złączka gniazdowa- redukcyjna
Reducing staple female adaptor



ZGR-__-__

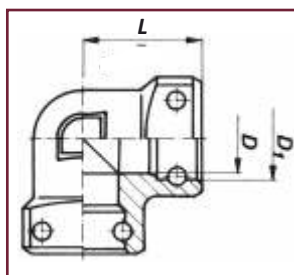
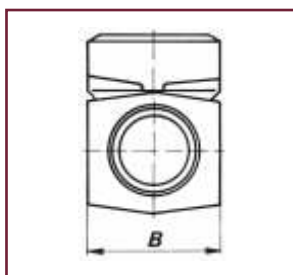


ZGK-__-__

Złączka gniazdowa, kątowa 90°
Elbow 90° female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	L	B	Waga Weight	ZGK-__-__
		mm				kg	
500	8/10	14	20	55	27	0,146	ZGK-06-06
420	12	18	24	55	32	0,255	ZGK-08-08
350	20	24	29	58	36	0,270	ZGK-12-12
275	25	31	39	75	50	0,713	ZGK-16-16
200	32	38	46	75	55	0,795	ZGK-20-20

Złączka gniazdowa, kątowa 90°
Elbow 90° female adaptor



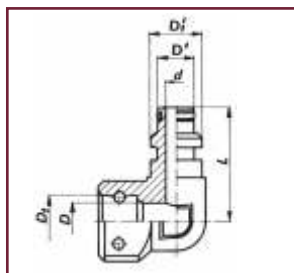
ZGK-__-__

ZGWK-__-__

Złączka gniazdowo- wtykowa, kątowa 90°
Elbow 90° staple male/ female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	L	B	Waga Weight	ZGWK-__-__
		mm				kg	
500	6	-	15	-	-	0,185	ZGWK-04-04
500	10	-	20	-	-	0,146	ZGWK-06-06
420	12	18	24	55	32	0,255	ZGWK-08-08
350	20	24	29	58	36	0,470	ZGWK-12-12
275	25	31	39	75	50	0,713	ZGWK-16-16
200	32	38	46	75	55	0,795	ZGWK-20-20

Złączka gniazdowo- wtykowa, kątowa 90°
Elbow 90° staple male/ female adaptor



ZGWK-__-__



ZW-__-__

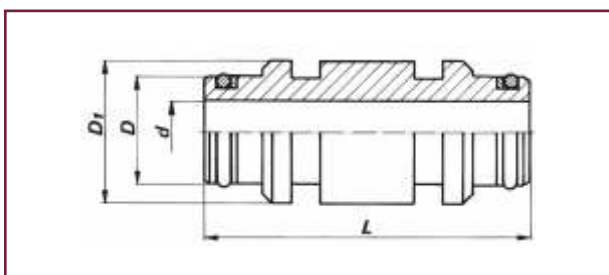
Złączka wtykowa

Straight staple male adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	d	L	Waga Weight	ZW-__-__
		mm				kg	
500	4/6	10	15	4	58	0,065	ZW-04-04
500	8/10	14	20	8	38	0,070	ZW-06-06
420	12	18	24	11	58	0,078	ZW-08-08
350	20	24	29	17	58	0,123	ZW-12-12
275	25	31	39	23	70	0,265	ZW-16-16
200	32	38	46	30	70	0,356	ZW-20-20

Złączka wtykowa

Straight staple male adaptor



ZW-__-__

ZWR-__-__

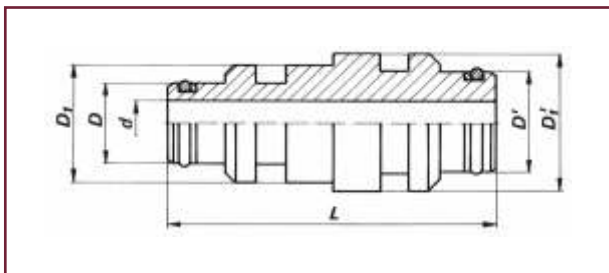
Złączka wtykowa- redukcyjna

Reducing staple male adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	D'	D'1	d	L	Waga Weight	ZWR-__-__
		mm						kg	
500	8/10 - 4/6	10	15	14	20	4	58	0,110	ZWR-06-04
420	12 - 8/10	14	20	18	24	8	58	0,125	ZWR-08-06
350	20/12	18	24	24	29	11	58	0,140	ZWR-12-08
275	25/12	18	24	31	39	11	64	0,270	ZWR-16-08
275	25/20	24	29	31	39	17	64	0,251	ZWR-16-12
200	32/20	24	29	38	46	17	64	0,370	ZWR-20-12
200	32/25	31	39	38	46	23	70	0,380	ZWR-20-16

Złączka wtykowa- redukcyjna

Reducing staple male adaptor



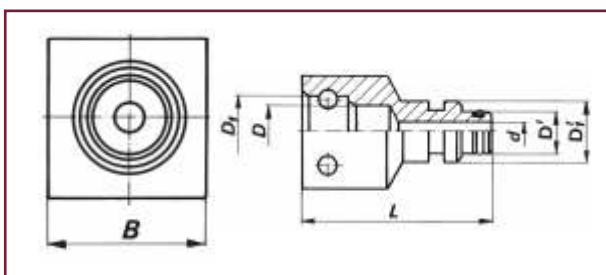
ZWR-__-__

ZGWR-__-__

Złączka gniazdowo- wtykowa, redukcyjna
Reducing staple male/ female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	D'	D'1	d	L	B	Waga Weight	ZGWR-__-__
		mm							kg	
500	8/10 - 4/6	10	15	14	20	8	55	27	0,160	ZGWR-06-04
420	8/10 - 12	14	20	18	24	11	56	30	0,185	ZGWR-06-08
420	12 - 8/10	18	24	14	20	8	62	36	0,255	ZGWR-08-06
275	25/20	24	39	24	29	15	70	50	0,471	ZGWR-16-12
200	32/25	38	46	31	39	30	75	55	0,584	ZGWR-20-16

Złączka gniazdowo- wtykowa, redukcyjna
Reducing staple male/ female adaptor



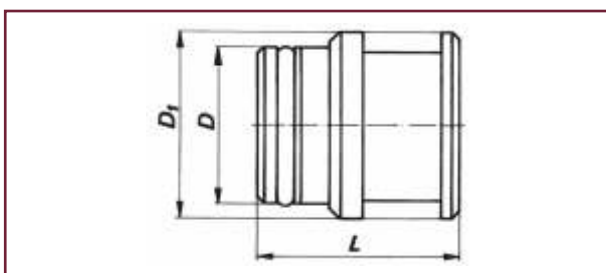
ZGWR-__-__

KW-__

Zaślepka wtykowa
Staple male and plug

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	L	Waga Weight	KW-__
		mm			kg	
500	4/6	10	15	31	0,020	KW-04
500	8/10	14	20	31	0,048	KW-06
420	12	18	24	31	0,076	KW-08
350	20	24	29	31	0,100	KW-12
275	25	31	39	37	0,257	KW-16
200	32	38	46	37	0,333	KW-20

Zaślepka wtykowa
Staple male and plug



KW-__

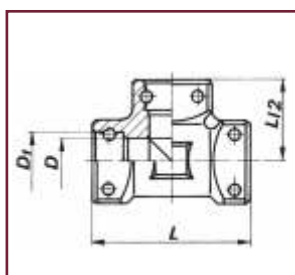
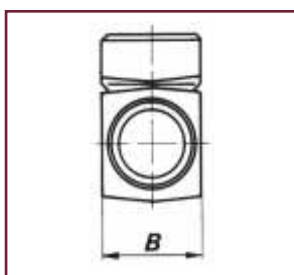


ZGT-__-__

Trójnik gniazdowy
T Piece female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	L	B	Waga Weight	ZGT-__-__
		mm				kg	
500	4/6	10	15	75	27	0,383	ZGT-04-04
	8/10	14	20	75	27	0,315	ZGT-06-06
420	12	18	24	75	32	0,452	ZGT-08-08
350	20	24	29	80	36	0,479	ZGT-12-12
275	25	31	39	105	50	1,213	ZGT-16-16
200	32	38	46	110	55	1,532	ZGT-20-20

Trójnik gniazdowy
T Piece female adaptor



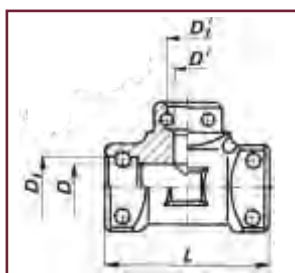
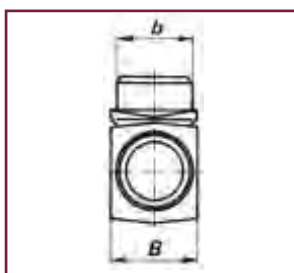
ZGT-__-__

ZGTR-__-__-__

Trójnik gniazdowy- redukcyjny
Reducing T piece staple female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	D'	D'1	L	B	b	Waga Weight	ZGTR-__-__-__
		mm							kg	
420	12-10-12	18	24	14	20	75	32	30	0,474	ZGTR-08-06-08
350	20-10-20	24	29	14	20	80	36	30	0,515	ZGTR-12-06-12
275	25-10-25	31	39	14	20	105	50	30	1,308	ZGTR-16-06-16
200	32-10-32	38	46	14	20	110	55	30	1,675	ZGTR-20-06-20
350	20-12-20	24	29	18	24	80	36	35	0,525	ZGTR-12-08-12
275	25-12-25	31	39	18	24	105	50	35	1,302	ZGTR-16-08-16
200	32-12-32	38	46	18	24	110	55	35	1,450	ZGTR-20-08-20
350	12-20-12	18	24	24	29	80	36	41	0,550	ZGTR-08-12-08
275	25-20-25	31	39	24	29	105	50	41	1,285	ZGTR-16-12-16
200	32-20-32	38	46	24	29	110	55	41	1,876	ZGTR-20-12-20
200	32-25-32	38	46	31	39	110	55	55	1,608	ZGTR-20-16-20

Trójnik gniazdowy- redukcyjny
Reducing T piece staple female adaptor



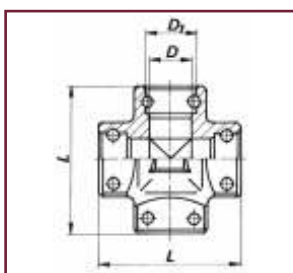
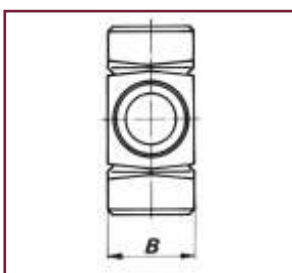
ZGTR-__-__-__

ZGC-__-__

Czwórnik gwintowy
Cross piece staple female adaptor

Ciśnienie Pressure (bar)	Wielkość Size	D	D1	L	B	Waga Weight	ZGC-__-__
		mm				kg	
500	4/6	10	15	75	27	0,510	ZGC-04-04
500	8/10	14	20	75	27	0,438	ZGC-06-06
420	12	18	24	75	32	0,588	ZGC-08-08
350	20	24	29	80	36	0,594	ZGC-12-12
275	25	31	39	105	50	1,338	ZGC-16-16
200	32	38	46	110	55	1,692	ZGC-20-20

Czwórnik gwintowy
Cross piece staple female adaptor



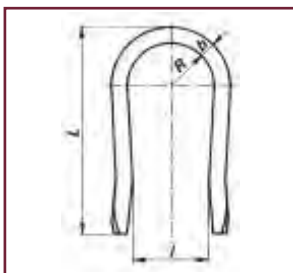
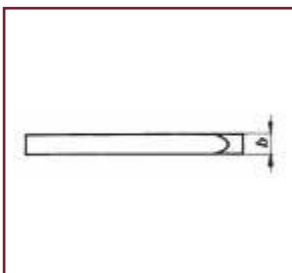
ZGC-__-__

P-__

Przetyczka
Standard staple

Wielkość Size	b	R	L	I	Waga Weight	P-__
	mm				kg	
4/6	4	4,5	38	7,5	0,009	P-04
8/10	4	7	42	12,5	0,011	P-06
12	4	9	48	16,5	0,012	P-08
20	4	11,5	55	21	0,014	P-12
25	6	15	74	27,5	0,045	P-16
32	6	18,5	83	36,5	0,050	P-20

Przetyczka
Standard staple



P-__

AISI 316L



Elementy złączne wykonane ze stali nierdzewnej **AISI 316L**, dostępne jako:

Stainless steel adaptors AISI 316L are available as:

- **Złączki metryczne** (DIN 2353)/ Metric adaptors
- **Złączki calowe BSP** (BS 5200)/ BSP adaptors
- **Złączki JIC** (SAE J514)/ JIC adaptors
- **Przyłącza flanszowe SAE**/ SAE flanges
- **Złączki STECKO**/ Stecko adaptors



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strona / page

PPM-__



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strona / page

PM-__



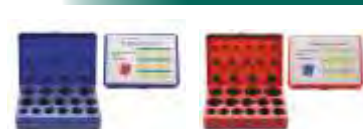
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strona / page

PM-kit_220



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strona / page

C-KIT & M-KIT



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strona / page

BV 06 / 18



158-159
strona / page

PLUG-__M & PLUF-__F



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strona / page

POGC-__



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strona / page

WRGM__ & WRGC



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strona / page

CTA_AA



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strona / page

PFS3-__ & PFS6-__



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strona / page

YELLOC-__



Akcesoria Accessories



PPM-__

Podkładki metalowo - gumowe (samocentrujące): metryczne, calowe, stal nierdzewna + viton
Bonded Seals, self - centering: metric, inch, stainless steel + viton

Kod zamówienia Code	Średnica Diameter	Wymiary gniazda/ mm Housing dimensions/ mm						Ilość szt. w opakow. Quantity/ Box
		A	B	C	D	E	F	
	Metryczne / Metric							
606-PPM-06	M6	10	8	6,7	0,3	1	4,7	100
612-PPM-08	M8	13	10	8,7	0,3	1	6,4	100
617-PPM-10	M10	16	12,4	10,7	0,4	1,5	8,05	100
622-PPM-12	M12	18	14,3	12,7	0,4	1,5	9,73	100
627-PPM-14	M14	22	16,4	14,7	0,4	1,5	11,38	100
629-PPM-16	M16	24	18,4	16,7	0,4	1,5	13,41	100
632-PPM-18	M18	26	20,4	18,7	0,4	1,5	14,76	100
633-PPM-20	M20	28	22,5	20,7	0,4	1,5	16,76	100
636-PPM-22	M22	30	24,4	22,7	0,4	2	18,74	100
638-PPM-24	M24	32	26,4	24,7	0,4	2	20,11	100
639-PPM-26	M26	35	28,4	26,7	0,4	2	22,3	100
640-PPM-27	M27	36	29	27,2	0,4	2	23,3	100
642-PPM-30	M30	39	33	31	0,4	2	25,7	100
643-PPM-33	M33	42	35,8	33,7	0,4	2	28,7	100
645-PPM-36	M36	46	38,8	36,7	0,4	2	31,1	100
647-PPM-42	M42	53	44,4	42,7	0,4	3	36,5	100
	Calowe/ Inch							
820-PP45-A	1/8"	15,88	11,84	10,37	0,25/0,51	2,03	8,56	100
821-PP45-B	1/4"	20,57	15,21	13,74	0,25/0,51	2,03	11,45	100
823-PP45-C	3/8"	23,8	18,75	17,28	0,25/0,51	2,03	14,96	100
825-PP45-D	1/2"	28,58	23,01	21,54	0,25/0,51	2,49	18,64	100
826-PP45-E	5/8"	31,75	24,97	23,49	0,25/0,51	2,49	20,6	100
827-PP45-F	3/4"	34,93	28,53	27,05	0,25/0,51	2,49	24,13	100
830-PP45-H	1"	42,8	36,88	33,89	0,25/0,51	3,2	30,3	100
832-PP45-J	1.1/4"	52,38	45,93	42,93	0,25/0,51	3,2	38,96	100
833-PP45-K	1.1/2"	58,6	51,39	48,44	0,25/0,51	3,2	44,86	100
836-PP45-M	2"	73,03	63,63	60,58	0,25/0,51	3,2	56,67	50
	Stal nierdzewna + viton / Stainless steel + viton							
XV821-PP45-B	1/4"	20,57	15,21	13,74	0,25/0,51	2,03	11,45	100
XV823-PP45-C	3/8"	23,8	18,75	17,28	0,25/0,51	2,03	14,96	100
XV825-PP45-D	1/2"	28,58	23,01	21,54	0,25/0,51	2,49	18,64	100
XV827-PP45-F	3/4"	34,93	28,53	27,05	0,25/0,51	2,49	24,13	100
XV830-PP45-H	1"	42,8	36,88	33,89	0,25/0,51	3,2	30,3	100

Materiał/ material: stal + guma (70 NBR) *steel + rubber*,/ Stal nierdzewna + viton; *Stainless steel + viton*

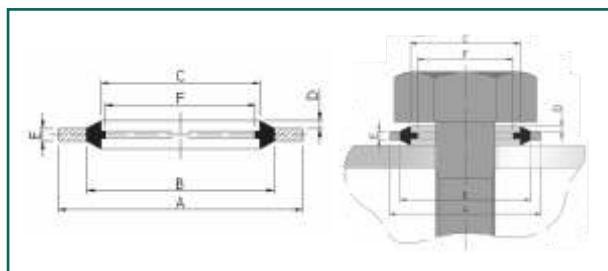
Temperatura pracy/ working temperature: -30°C +110°C./ -20°C do -20°C

Zalety podkładek samocentrujących/ The advantages of self-centering bonded-seals:

- łatwy i szybki montaż/ *easy installation and reduce assembly time*,
- eliminacja przecieków/ *elimination of leaks*,
- solidne osadzenie/ *captive assembly*.

Podkładki metalowo- gumowe (samocentrujące)

Bonded Seals, self-centering



PPM-__

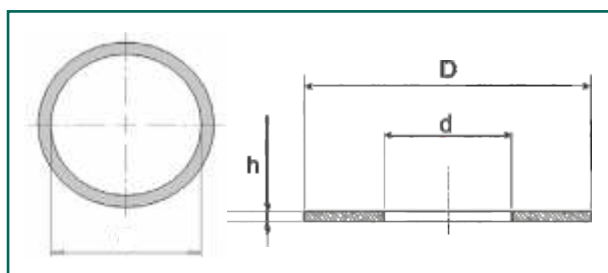


PM-__

Podkładki miedziane
Copper washers

Kod zamówienia Code	Wymiary gniazda/ mm Housing dimensions/ mm			BSP
	d	D	h	
PM-06	6	10	1	-
PM-06/1	6	12	1,5	-
PM-08/1	8	12	1,5	-
PM-08/2	8	14	1,5	-
PM-10/2	10	16	1	1/8"
PM-10/1	10	16	1,5	1/8"
PM-10	10	18	1,5	-
PM-12	12	16	1,5	-
PM-12/1	12	18	1,5	-
PM-12/2	12	20	1,5	-
PM-13	13,5	19	1,5	1/4"
PM-14	14	20	1,5	-
PM-14/1	14	18	1,5	-
PM-16	16	20	1,5	-
PM-16/1	16	22	1,5	-
PM-16/2	16	24	1,5	-
PM-17	17	23	1,5	3/8"
PM-18	18	22	1,5	-
PM-18/1	18	24	1,5	-
PM-20/1	20	26	1,5	-
PM-20/2	20	28	1,5	-
PM-21	21,5	27	1,5	1/2"
PM-22	22	28	1,5	-
PM-23	23	30	1,5	5/8"
PM-24	24	30	1,5	-
PM-26	26	32	1,5	-
PM-27	27	33	1,5	3/4"
PM-30	30	36	1,5	-
PM-32	32	38	1,5	-
PM-33	33,5	40	1,5	1"
PM-42	42	50	1,5	1.1/4"
PM-48	48	55	1,5	1.1/2"
PM-60	60	68	1,5	2"

Podkładki miedziane
Copper washers



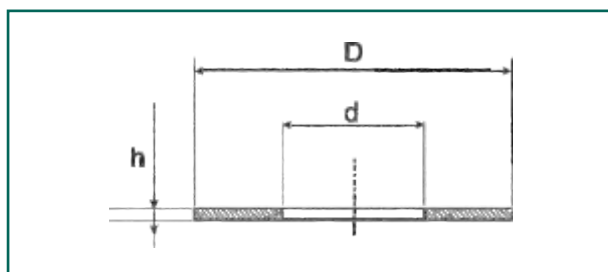
PM-__

PM-kit_220

Zestaw podkładek miedzianych PM (walizka)- 220 sztuk
Copper washers kit-220 pcs.

Kod zamówienia Code	Wymiary gniazda/ mm Housing dimensions/ mm			Ilość sztuk w walizce Quantity/ Box
	d	D	Wysokość/ high h	
PM KIT	4	8	1	30
	5	9	1	30
	6	10	1	30
	6	12	1	10
	8	12	1	10
	8	14	1	10
	10	14	1	10
	10	16	1	10
	12	16	1,5	10
	12	18	1,5	10
	14	18	1,5	10
	14	20	1,5	10
	16	20	1,5	10
	18	24	1,5	10
	20	26	1,5	10
	22	27	1,5	10

Zestaw podkładek miedzianych PM (walizka)- 220 sztuk
Copper washers kit-220 pcs.



PM-kit-220



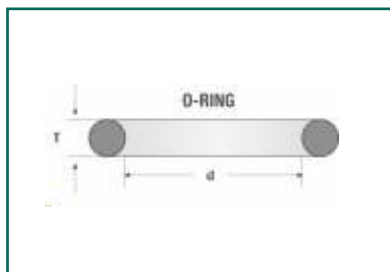
C-KIT & M-KIT

Zestaw o-ringów calowych lub metrycznych (walizka)
O-ring kit boxes inch or metric

Kod zamówienia Code	CALOWE / INCH ____ 382 szt./pcs.			
	szt. / pcs.	Symbol o-ringa	d	T
C-KIT	20	006	2,90	1,78
	20	007	3,68	1,78
	20	008	4,48	1,78
	20	009	5,28	1,78
	20	010	6,07	1,78
	20	011	7,66	1,78
	20	012	9,25	1,78
	13	110	9,19	2,62
	13	111	10,78	2,62
	13	112	12,37	2,62
	13	113	13,95	2,62
	13	114	15,54	2,62
	13	115	17,13	2,62
	13	116	18,72	2,62
	10	210	18,64	3,53
	10	211	20,22	3,53
	10	212	21,82	3,53
	10	213	23,40	3,53
	10	214	24,99	3,53
	10	215	26,58	3,53
	10	216	28,17	3,53
	10	217	29,75	3,53
	10	218	31,34	3,53
	10	219	32,92	3,53
	10	220	34,52	3,53
	10	221	36,10	3,53
	10	222	37,69	3,53
	7	325	37,47	5,34
	7	326	40,65	5,34
	7	327	43,82	5,34

Kod zamówienia Code	METRYCZNE / METRIC ____ 386 szt./pcs.		
	Ilość	d	T
M-KIT	16	3	2
	16	4	2
	16	5	2
	16	6	2
	16	7	2
	16	8	2
	16	10	2
	13	10	2,5
	13	11	2,5
	13	12	2,5
	13	14	2,5
	13	16	2,5
	13	17	2,5
	13	19	2,5
	12	19	3
	12	20	3
	12	22	3
	12	24	3
	12	25	3
	12	27	3
	12	28	3
	12	30	3
	12	32	3
	12	33	3
	12	35	3
	12	36	3
	12	38	3
	9	38	4
	9	41	4
	9	44	4

Zestaw o-ringów calowych lub metrycznych (walizka)
O-ring kit boxes inch or metric



C-KIT



M-KIT



BV 06 / 18

Giętarka do rur 06-18 BV 06 / 18 KPLX
Cutting and bending tool 06-18 BV 06 / 18

BV/6/18 to kompaktowe narzędzie do łatwego, lecz precyzyjnego gięcia rur o średnicach zewnętrznych od 6 do 18 mm. Sześć wymiennych rolek, dopasowanych do danej średnicy rury, gwarantuje wysoką jakość i dokładność zginania, a dzięki regulowanej rolce w uchwycie, można łatwo uzyskać wymagany kształt łuku.

Dane techniczne:

Zestaw zawiera 6 rolek zginających (6/8, 12/12, 14, 15, 16, 18)

Średnica zewnętrzna rury: 6 - 18 mm

Waga: 4 kg

Dodatkowe cechy i zalety produktu:

1. Możliwość zamocowania w imadle.
2. Mały promień gięcia.
3. Lekkie i mobilne narzędzie.
4. Specjalny profil rolek zapobiega spłaszczaniu rur.

The BV/6/18, is a flexible bending tool for simple but exact bending of tubes from 6- 18 mm. The high quality bending results are achieved by 6 interchangeable bending rollers. The fixing roller can adjusted to set a precise bending radius.

Specifications:

The kit contains 6 rolls (6/8, 12/12, 14, 15, 16, 18)

Tube outside: 6- 18 mm

Weight: 4 kg

Additional features and advantages:

1. Vice mounted.
2. Small bending radius and mobile.
3. Light and mobile tool.
4. Special profile of bending roller to avoid tube flattening.

Giętarka do rur 06-18 BV 06 / 18 KPLX
Cutting and bending tool 06-18 BV 06 / 18



BV 06 / 18

Produkcja precyzyjnych przewodów stalowych / Production of steel precision pipes





PLUG-__M

Zaślepki gwintowane do elementów złącznych- gwint wewnętrzny
Threaded plugs for female adaptors

Kod zamówienia Code	Gwint Thread				
	UNF / UN	BSPP / BSPT	NPTF	ORFS	Metryczny / Metric
PLUG-01M	-	1/8"-28	-	-	M10x1,5
PLUG-02M	1/2"-20	1/4"-19	1/4"-18	-	M12x1,5
PLUG-23M	9/16"-18	-	-	9/16"-18	M14x1,5
PLUG-03M	5/8"-18	3/8"-19	3/8"-19	-	M16x1,5
PLUG-13M	-	-	-	11/16"-16	M18x1,5
PLUG-04M	-	1/2"-14	1/2"-14	-	M20x1,5
PLUG-05M	7/8"-14	5/8"-14	-	-	M22x1,5
PLUG-20M	-	-	-	-	M24x1,5
PLUG-06M	1.1/16"-12	3/4"-14	3/4"-14	-	M26x1,5
PLUG-29M	1.3/16"-12	-	-	1.3/16"-12	M30x2 i M30x1,5
PLUG-07M	1.5/16"-12	1"-11	1"-11.1/2	-	-
PLUG-15M	-	-	-	-	M36x2 i M36x1,5
PLUG-08M	-	1.1/4"-11	1.1/4"-11.1/2	-	-
PLUG-16M	-	-	-	-	M42x2
PLUG-17M	-	-	-	-	M45x2 i M45x1,5
PLUG-09M	1.7/8"-12	1.1/2"-11	1.1/2"-11.1/2	-	-
PLUG-18M	-	-	-	-	M52x2
PLUG-10M	-	2"-11	2"-11.1/2	-	-

Zaślepki gwintowane do elementów złącznych- gwint wewnętrzny
Threaded plugs for female adaptors



PLUG-__M

PLUG-__F

Zaślepki gwintowane do elementów złącznych- gwint zewnętrzny
Threaded plugs for male fittings

Kod zamówienia Code	Gwint Thread				
	UNF / UN	BSPP / BSPT	NPTF	ORFS	Metryczny / Metric
PLUG-01F	-	1/8"-28	1/8"-27	-	M10x1,5
PLUG-11F	-	-	-	-	M12x1,5
PLUG-02F	-	1/4"-19	1/4"-18	-	-
PLUG-23F	9/16"-18	-	-	9/16"-18	M14x1,5
PLUG-12F	-	-	-	-	M16x1,5
PLUG-03F	-	3/8"-19	3/8"-18	-	-
PLUG-13F	-	-	-	-	M18x1,5
PLUG-19F	-	-	-	-	M20x1,5
PLUG-04F	-	1/2"-14	1/2"-14	13/16"-16	-
PLUG-26F	7/8"-14	-	-	-	M22x1,5
PLUG-20F	-	-	-	-	M24x1,5
PLUG-06F	1.1/16"-12	3/4"-14	3/4"-14	-	M26x1,5
PLUG-07F	1.5/16"-12	1"-11	1"-11.1/2	-	-
PLUG-15F	-	-	-	-	M36x1,5 i M36x2
PLUG-08F	-	1.1/4"-11	1.1/4"-11.1/2	-	M42x1,5
PLUG-16F	-	-	-	-	M42x2
PLUG-09F	1.7/8"-12	1.1/2"	1.1/2"-11.1/2	-	-
PLUG-18F	-	-	-	-	M52x2
PLUG-10F	-	2"-11	2"-11.1/2	-	-

Zaślepki gwintowane do elementów złącznych- gwint zewnętrzny
Threaded plugs for male fittings



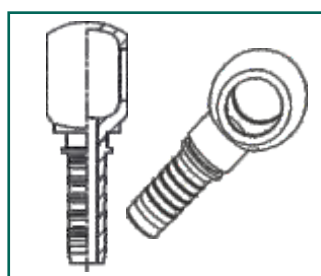
PLUG-__F

POCG-__

Zaślepki do elementów złącznych banjo
Plugs for BSP banjo

Kod zamówienia Code	Wielkość Size
POCG-04	1/4"
POCG-06	3/8"
POCG-08	1/2"

Zaślepki do elementów złącznych banjo
Plugs for BSP banjo



POCG-__



WRGM__

Zaślepki gwintowane do elementów złącznych z gwintem wewnętrznym - metrycznym
Metric threaded plugs for female fittings

Kod zamówienia Code	Gwint Thread
WRGM10	M10x1
WRGM12	M12x1,5
WRGM14	M14x1,5
WRGM16	M16x1,5
WRGM18	M18x1,5
WRGM20	M20x1,5
WRGM22	M22x1,5
WRGM26	M26x1,5
WRGM27	M27x2
WRGM30	M30x2
WRGM33	M33x2
WRGM36	M36x2
WRGM42	M42x2

Zaślepki gwintowane do el. złącznych z gwintem wewnętrznym - metrycznym
Metric threaded plugs for female fittings



WRGM__

WRGC__

Zaślepki gwintowane do elementów złącznych z gwintem wewnętrznym - calowym
Metric threaded plugs for female fittings

Kod zamówienia Code	Gwint Thread
WRGC01	1/4"
WRGC02	3/8"
WRGC03	1/2"
WRGC04	3/4"
WRGC05	1"
WRGC06	1.1/4"
WRGC07	1.1/2"
WRGC08	2"

Zaślepki gwintowane do el. złącznych z gwintem wewnętrznym - calowym
Metric threaded plugs for female fittings



WRGC__

CTA__AA

Zaślepki termokurczliwe do elementów złącznych
Termoplastic caps for adaptors

Kod zamówienia Code	Wielkość Size	Długość Length
CTA2530AA	25	30
CTA2850AA	28	50
CTA3140AA	31	40
CTA3440AA	34	40
CTA3850AA	38	40
CTA4660AA	46	50

Zaślepki termokurczliwe do elementów złącznych
Termoplastic caps for adaptors



CTA__AA

PFS3-__

Zaślepki do przyłączy flanszowych SAE 3000 PSI
SAE Flanges 3000 PSI Plugs

3000 PSI	
Kod zamówienia Code	Wielkość Size 
PFS3-08	1/2"
PFS3-12	3/4"
PFS3-16	1"
PFS3-20	1.1/4"
PFS3-24	1.1/2"
PFS3-32	2"
PFS3-40	2.1/2"

PFS6-__

Zaślepki do przyłączy flanszowych SAE 6000 PSI
SAE Flanges 6000 PSI Plugs

6000 PSI	
Kod zamówienia Code	Wielkość Size 
PFS6-08	1/2"
PFS6-12	3/4"
PFS6-16	1"
PFS6-20	1.1/4"
PFS6-24	1.1/2"
PFS6-32	2"
-	-

Zaślepki do przyłączy flanszowych SAE 3000 PSI i SAE 6000 PSI
SAE Flanges 3000 PSI and 6000 PSI Plugs



PFS3-__

PFS6-__

Yelloc-__

Zaślepki Yelloc® do elementów złącznych oraz przewodów hydraulicznych
Plugs Yelloc® for adaptors and hydraulic hose assemblies

Yelloc to profesjonalne narzędzie do zminimalizowania wycieku, posiada szereg zastosowań. Zaślepki Yelloc używane w celu ochrony części maszyn np. przewodów i złączek hydraulicznych, zapobiegają zbieraniu się kurzu, wilgoci i zanieczyszczeń, które są główną przyczyną uszkodzeń i korozji maszyn.

- Montaż bez użycia narzędzi.
- Zakres temperatur: od -25 °C do +90 °C.
- Wymiary: 1-10 mm MICRO, STD 5-22 mm, XL 13-42 mm.
- Nie zawierają silikonu.

Professional tool to minimize spillage. YELLOC® service plug is a solid service plug made of high quality oil resistant rubber. Service plug can be used to retain oil or chemicals in a system for example while repairs are ongoing. Service plug can be used to protect sensitive channels in a machine part during storage. Preventing dust, moisture and contaminants from entering the sensitive components and cause damage and corrosion.

- Without the use of tools.
- Only for industrially use.
- Temperature range: -25°C to +90°C.
- Dimensions: MICRO 1-10 mm, STD 5-22 mm, XL 13-42 mm.
- Contain no silicone.

Zaślepki Yelloc® do elementów złącznych oraz przewodów hydraulicznych
Plugs Yelloc® for adaptors and hydraulic hose assemblies



YELLOC-__



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HYDRO - produkcja przewodów hydraulicznych
HYDRO - production of hydraulic hoses



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