Bešavne hidraulične cevi i pribor

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HIDRAULIČNE BEŠAVNE CEVI

Na štoku imamo hidrauličke bešavne cevi hladno valjane prema standardu EN 10305-4 (DIN 2445/2) grad. St 37-4.Materijal je termički obrađen tj. tretiran (NBK). Ovo zači da hladnim valjanjem odn. hladnim finiširanjem spoljašnje površine cevi dobijaju izvandrednu fleksibilnost. Sve cevi su atestirane i testirane.Standardne dužine su 6 m, možemo ih isporučivati u sledećim varijantama:

- Fosfatizovane, spoljašnje i unutrašnje zauljene
- Elektrolitično presvučene cinkom Žuto cinkovane (Cr-Hromatizovane)
- Elektrolitično presvučene cinkom Belo cinkovane (Cr-Hrom free)

Cevi su zaštićene sa obe strane plastičnim kapicama.

HYDRAULIC TUBES

These are seamless cold drawn hydraulic line pipe according to EN 10305-4 (DIN 2445/2) of grade St 37-4 and St 52-4. Both materials are heat-treated and normalised (NBK). This means that the cold finished pipe is annealed above the upper transformation point in a controlled atmosphere giving the tubes excellent bendability. The pipe is eddy-current tested. Standard length is 6 metres and the tube can be supplied in four variations:

- Phosphated, internally and externally oiled
- Internally and externally oiled
- Electrolytically zinc coated and yellow chromated
- “Cronoline”: electrolytically zinc coated, Cr6 free

APLIKACIJA (PRIMENA)

Imaju veoma širok spektar primene u industriji I u hidrauličkim i pneumatskim instalacijama kao npr. čeličanama,brodogradilištima i ostaloj teškoj industriji.

APPLICATIONS

These hydraulic line pipes have a wide application in the hydraulics and pneumatics industries, e.g. installation companies, cylinder manufacturers, shipbuilding and other heavy industry.

U svakom trenutku na našem lageru se nalaze gore navedene cevi u sledećim dimenzijama:

Hidraučne cevi St.37.4 NBK		
Ø6x1x6000	Ø15x2x6000	Ø25x2,5x6000
Ø6x1,5x6000	Ø16x1,5x6000	Ø25x3x6000
Ø6x2x6000	Ø16x2x6000	Ø28x2x6000
Ø8x1x6000	Ø16x2,5x6000	Ø28x2,5x6000
Ø8x1,5x6000	Ø18x1x6000	Ø28x3x6000
Ø8x2x6000	Ø18x2x6000	Ø30x2,5x6000
Ø10x1x6000	Ø20x1,5x6000	Ø30x3x6000
Ø10x1,5x6000	Ø20x2x6000	Ø32x3x6000
Ø10x2x6000	Ø20x2,5x6000	Ø35x2,5x6000
Ø12x1x6000	Ø20x4x6000	Ø35x3x6000
Ø12x1,5x6000	Ø22x1,5x6000	Ø38x3x6000
Ø12x2x6000	Ø22x2x6000	Ø38x4x6000
Ø14x1,5x6000	Ø20x2,5x6000	Ø 40x3x6000
Ø14x2x6000	Ø22x3x6000	Ø 42x3x6000
Ø15x1x6000	Ø25x2x6000	Ø 45x3x6000

NOSACI CEVI

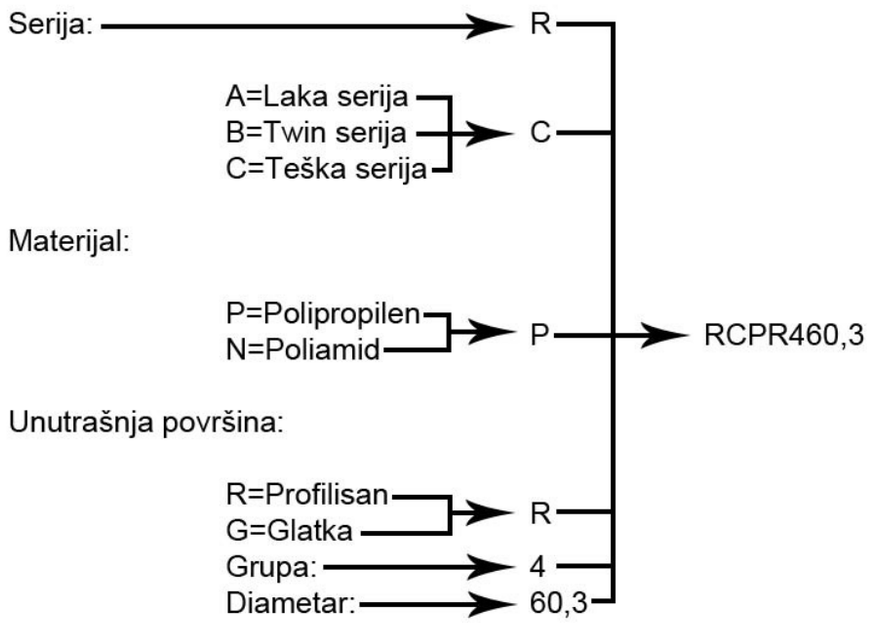
Nosači cevi su izrađeni tako da zadovoljavaju standard DIN 3015 i tako dizajnirani da „podržavaju“ cevi i creva do DN100 (4“). Oni se sastoje od dve Polipropilenske,poliamidne polovine koje su zatim spojene pločicama za varenje i montažnim šinama sa jednim ili više zavrtnjeva za noseće metalne pločice. Višecevni nosač cevi omogućava veći broj cevi iste serije/grupe da budu montirane jedna iznad druge.

Vrste Nosača cevi:
- Laka serija (A)
- Serija sa dve rupe (B)
- Teška serija (C)

Materijal:
- Polypropylene -30°C to + 90°C zelene
- Polyamid -40°C to + 120°C crne

Površinska zaštita:
- čelične pločice: Žuto Cr-hromatizovane Yellow chromated
- zavrtnji: Zn-cinkovane
- svi metalni delovi: St.37 ili prohrom

PRIMER



A (laka serija)

RAPR1 – komponente (dve stezne plastike, ploča za varenje, zavrtanj sa ravnom glavom, podloške)

RAPR2 - komponente (dve stezne plastike, ploča za varenje, zavrtanj sa ravnom glavom, podloške)

RAPR3 - komponente (dvr stezne pastike, ploča za varenje, gornja ploca inbus zavrtnji)

B (Twin serija)

RBP3 - komponente (dve stezne plastike, ploča za varenje, gornja ploča, heks zavrtanji)

RBP4 - komponente (dve stezne plastike, “rail nut”, gornja ploča, heks zavrtanji)

PRB8 - komponente (dve stezne plastike, “lock plate stocking” zavrtanji)

C (Teška serija)

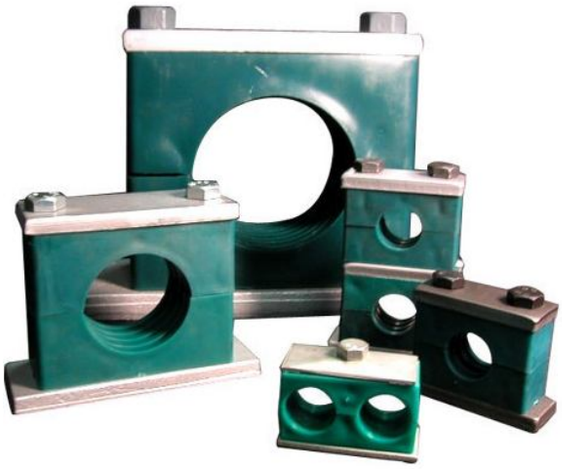
RCPR1 - komponente (dve stezne plastike, ploča za varenje, heks zavrtanji)

RCPR2 - komponente (dve stezne plastike, ploča za varenje, gornja ploča, inbus zavrtanji)

RCPR3 - komponente (dve stezne plastike, “rail nut”, gornja ploča, stocking zavrtanji, heks zavrtanji)

RCPR5 - komponente (dve stezne plastike, “lock” plate)

PIPE CLAMPS



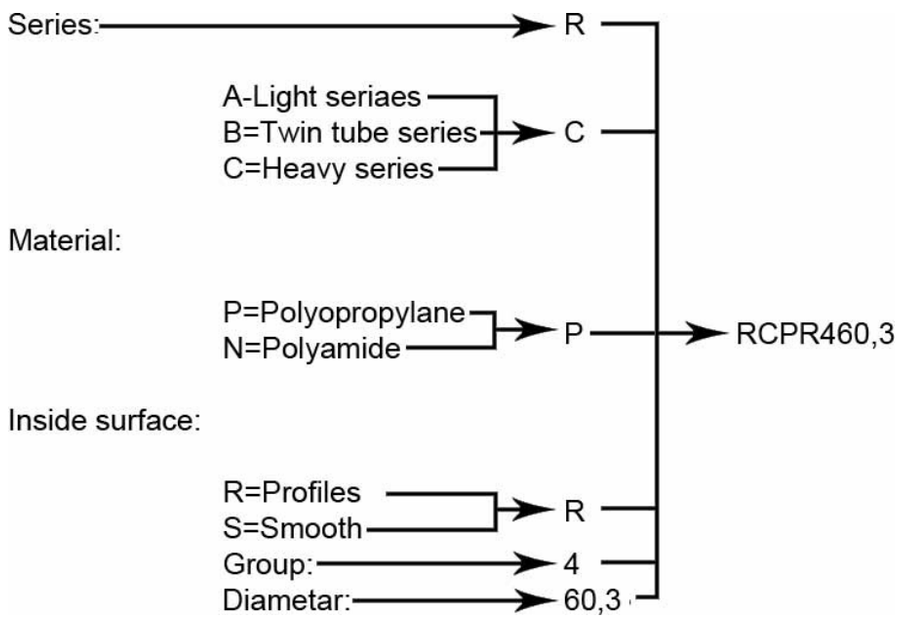
Tube Clamps conform to DIN 3015 and are designed to support all pipes, tubes and hoses up to 12” NB (324 mm OD). The clamps consist of two polypropylene, polyamide, aluminum or rubber clamp halves, held to a steel welding plate or monting rail by one or more bolts through a cover plate. The Multipipe Clamp allows several tubes or pipes of the same group to be stacked on top of each other.

Tube Clamp range includes:
- Light Series (A)
- Twin Series (B)
- Heavy Series (C)

Clamp Material
- Polypropylene -30°C to + 90°C dark green
- Polyamid -40°C to + 120°C black

Surface Treatment
- Steel cover plates: Yellow chromated
- Bolts: El.zinc chromated
- All metal parts: St.37 or Stainless steel

PART NUMBER EXAMPLE



A (Light series)

RAPR 1 - components (two clamp halves,weld plates, sloted head bolts, washer)

RAPR 2 - components (two clamp halves,weld plates, sloted head bolts, washer)

RAPR 3 - components (two clamp halves,weld plates,cover plate, hex bolts)

B (Twin series)

RBP 3 - components (two clamp halves,weld plates,cover plate, hex bolts)

RBP 4 - components (two clamp halves, rail nut,cover plate, hex bolts)

RBP 8 - components (two clamp halves, locking plate stacking bolt)

C (Heavy series)

RCPR 1 - components (two clamp halves,weld plates, hex head bolts)

RCPR 2 - components (two clamp halves,weld plates, socket head bolts)

RCPR 3 - components (two clamp halves,rail nuts, stacking bolts, hex head bolts)

RCPR 5 - components (two clamp halves, locking plate)

Bešavne hidraulične cevi i pribor

SR.	Ø CEVI	RAPR (LIGHT)	SR.	RCPR (HEAVY)	NAZIVNE MERE				
					b- dužina	c- visina	d- širina	e-pod. prečnik	f
1	6	RAPR-106	1	RCPR-106	34	27	30	13,5	
	6.4	RAPR-106,4		RCPR					
	8	RAPR-108		RCPR-108					
	9.5	RAPR-109,5		RCPR					
	10	RAPR-110		RCPR-110					
	12	RAPR-112		RCPR-112					
2	12.7	RAPR-212,7		RCPR-112,7	55	32	33	16	30
	13.5	RAPR-213,5		RCPR-113,5					
	14	RAPR-214		RCPR-114					
	15	RAPR-215		RCPR-115					
	16	RAPR-216		RCPR-116					
	17.2	RAPR-217,2		RCPR-117,2					
	18	RAPR-218		RCPR-118					
3	19	RAPR-319	2	RCPR-219	48	35	33	17,5	
	20	RAPR-320		RCPR-220					
	21.3	RAPR-321,3		RCPR-221,3					
	22	RAPR-322		RCPR-222					
	23	RAPR-323		RCPR-223					
	25	RAPR-325		RCPR-225					
4	26.9	RAPR-426,9		RCPR-226,9	70	48	45	24	30
	28	RAPR-428		RCPR-228					
	30	RAPR-430		RCPR-230					
	30		3	RCPR-330	57	42	40	21	
5	32	RAPR-532		RCPR-332	80	60	60	30	30
	33.7	RAPR-533,7		RCPR-333,7					
	35	RAPR-535		RCPR-335					
	38	RAPR-538		RCPR-338					
	40	RAPR-540		RCPR-340					
	42	RAPR-542		RCPR-342					
	44.5	RAPR-544,5		RCPR-344,5					
6	45	RAPR-645	4	RCPR-445	86	66	66	33	
	48	RAPR-648		RCPR-448					
	50	RAPR-650		RCPR-450					
	50.8	RAPR-650,8		RCPR-450,8					
	52	RAPR-652		RCPR-452					
	55	RAPR-655		RCPR-455					
	57			RCPR-457	115	90	90	45	45
	60.3			RCPR-460,3					
	63			RCPR-463					
	65			RCPR-465					
	70			RCPR-470					
	70		5	RCPR-570	152	120	122	60	60
	73			RCPR-573					
	75			RCPR-575					
	76.1			RCPR-576,1					
	80			RCPR-580					
	82.5			RCPR-582,5					
	88.9			RCPR-588,9					
	90			RCPR-590					

SR.	ØCEVI	RBPR (Twin tube)	NAZIVNE MERE			
			b-dužina	c-visina	d-širina	e-pod. prečnok
1	6	RBPR-106	36	27	20	13,5
	6.4	RBPR-106,4				
	8	RBPR-108				
	9.5	RBPR-109,5				
	10	RBPR-110				
	12	RBPR-112				
2	12.7	RBPR-212,7	53	26	29	13
	13.5	RBPR-213,5				
	14	RBPR-214				
	15	RBPR-215				
	16	RBPR-216				
	17.2	RBPR-217,2				
	18	RBPR-218				
3	19	RBPR-319	67	37	36	18,5
	20	RBPR-320				
	21.3	RBPR-321,3				
	22	RBPR-322				
	25	RBPR-325				
4	26.9	RBPR-426,9	82	42	45	21
	28	RBPR-428				
	30	RBPR-430				
5	32	RBPR-532	106	54	56	27
	33.7	RBPR-533,7				
	35	RBPR-535				
	38	RBPR-538				
	42	RBPR-542				

Uvrtni priključci po DIN2353 / ISO 8434-1

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		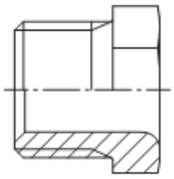
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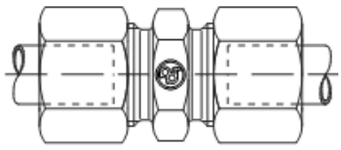	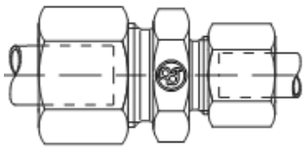	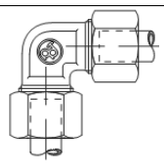
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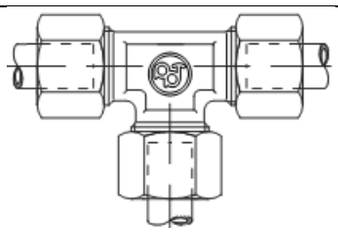	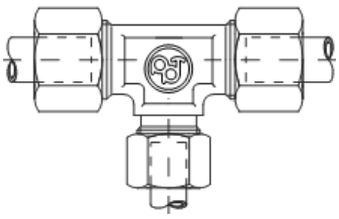	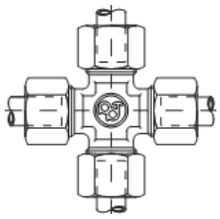
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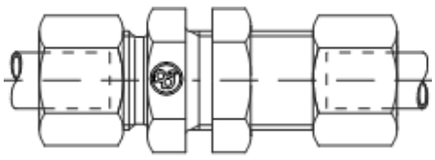	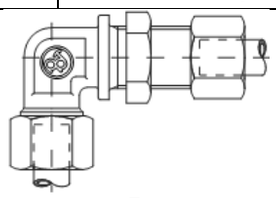	
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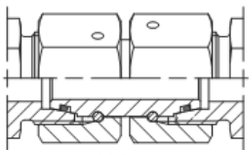	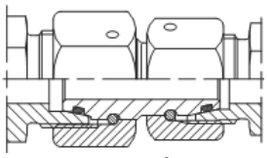	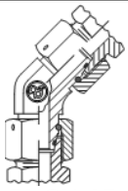
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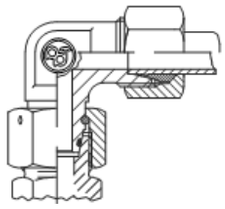
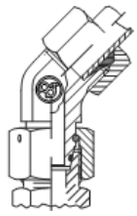
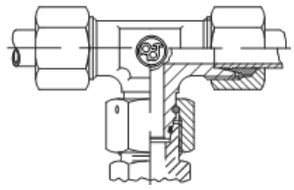
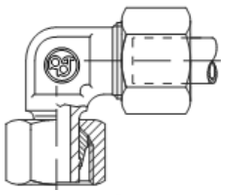
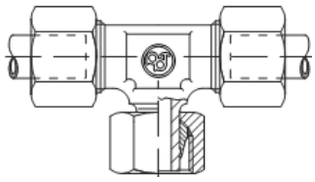
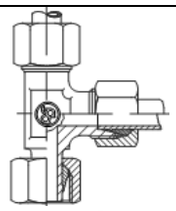
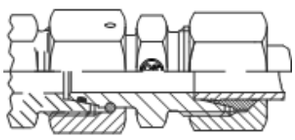
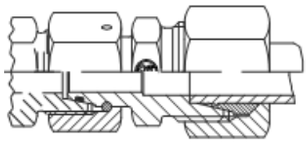
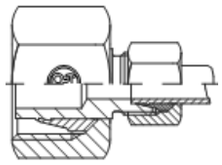
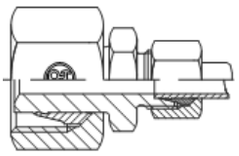
 ECN	 ECN45	 JCN
 EC	 JC	 JAC

 DA	 WSN	 WS	 WSOK

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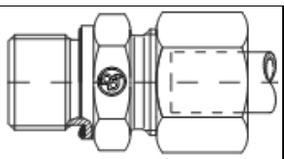
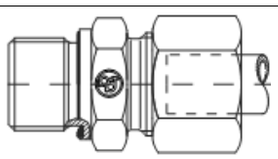
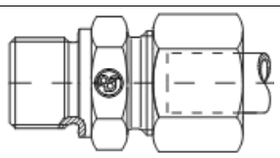
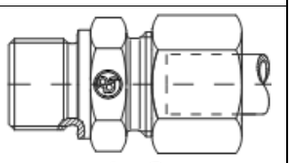
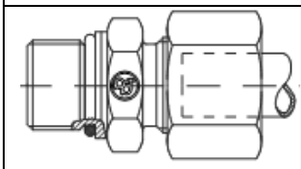
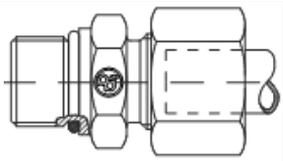
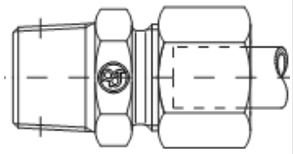
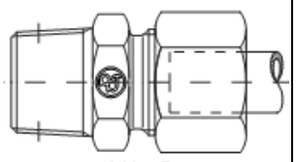
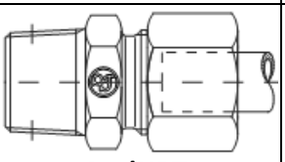
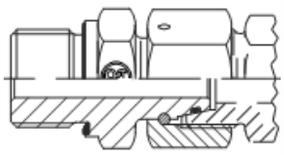
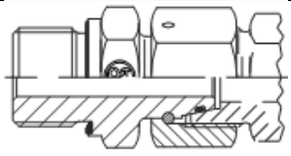
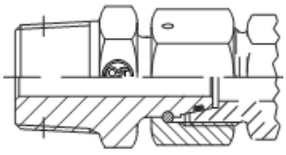
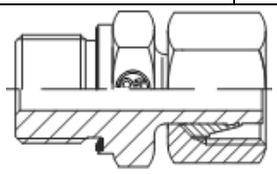
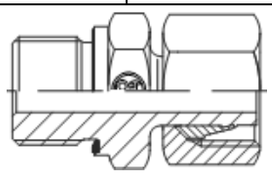
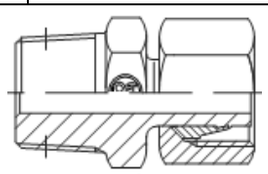
 A….M-MZ	 A….M-MZ	 A…M	 A…G
 AV	 AK…M	 AK…M	 AK…R
 A…/NPT	 ACN…M-MZ	 ACN…G-MZ	 ACN…/NPT

 AC…M-MZ	 AC…G-MZ	 AC…/NPT

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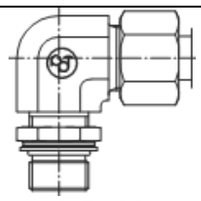
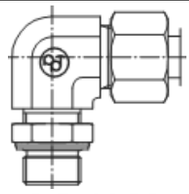
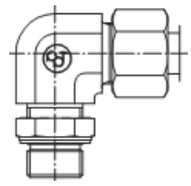
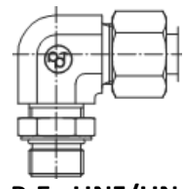
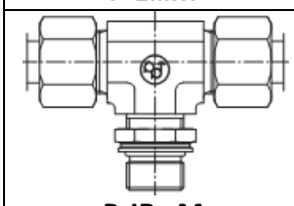
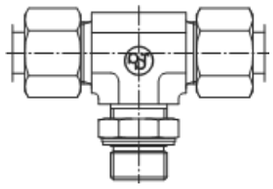
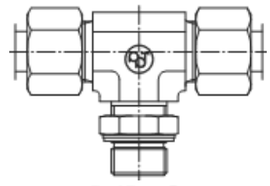
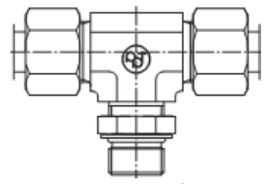
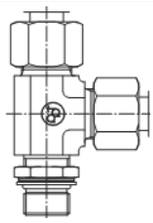
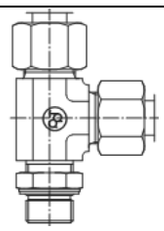
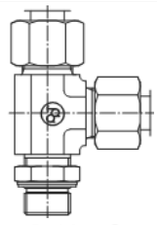
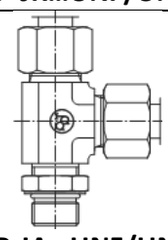
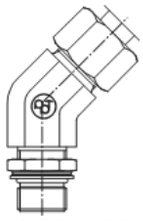
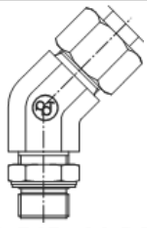
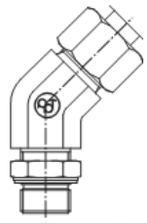
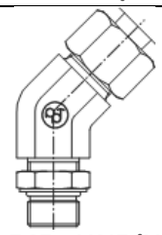
 P-E…M	 P-E…M-DP	 P-E…G	 P-E…UNF/UN
 P-JR…M	 P-JR…M-DP	 P-JR…G	 P-JR…UNF/UN
 P-JA…M	 P-JA…M-DP	 P-JA…G	 P-JA…UNF/UN
 P-E45…M	 P-E45…M-DP	 P-E45…G	 P-E45…UNF/UN

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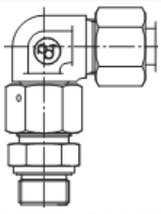
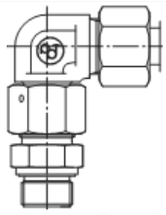
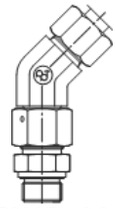
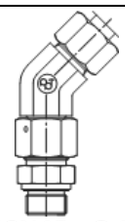
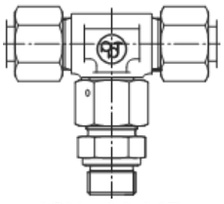
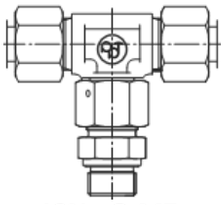
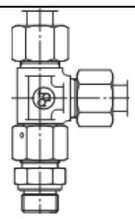
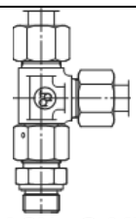
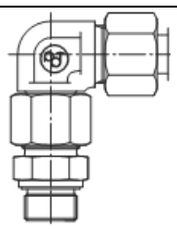
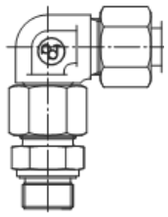
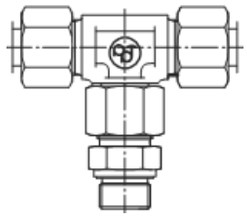
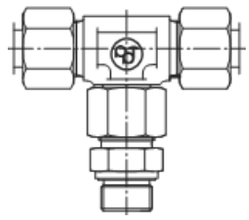
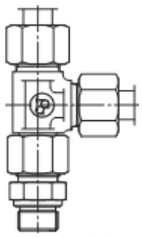
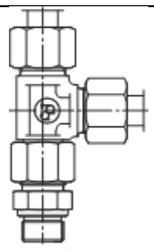
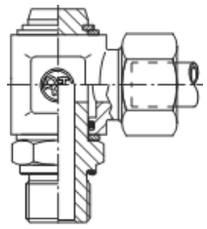
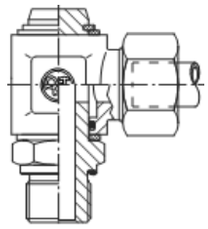
 AECN…M-MZ	 AECN…G-MZ	 AECN45…M-MZ	 AECN45…G-MZ
 JCN…M-MZ	 JCN…G-MZ	 JACN…M-MZ	 JACN…G-MZ

 AEC…M	 AEC…G	 JC…M	 JC…G
 JAC…M	 JAC…M	 RO…M-MZ	 RO…G-MZ

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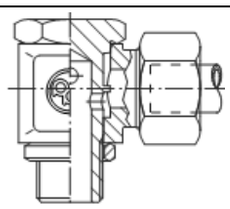
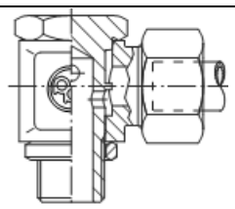
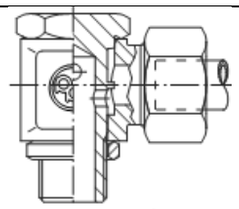
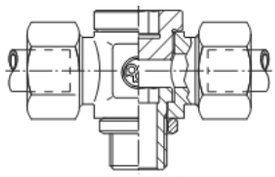
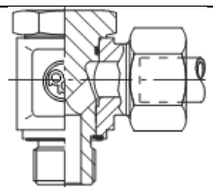
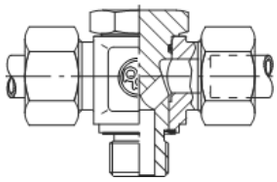
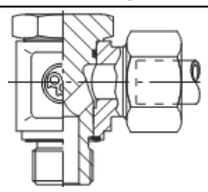
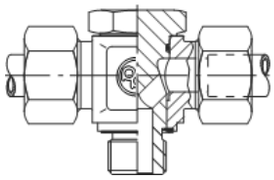
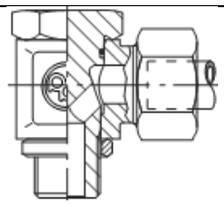
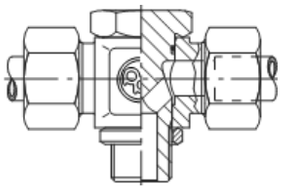
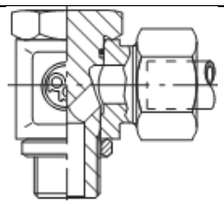
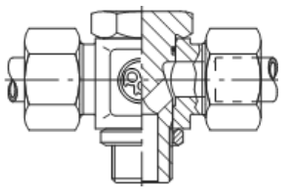
 N…M	 N…G	 NS…M/G	 NTS…M/G
 NHO…M-MZ	 NTHO…M-MZ	 NHO…G-MZ	 NTHO…G-MZ
 NH…M	 NTH…M	 NH…G	 NTH…G

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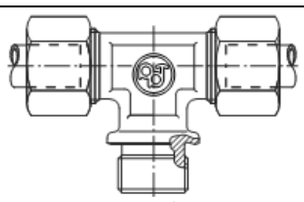
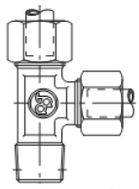
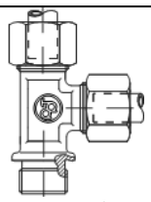
 J…M/G	 JAK…M/R	 JA…M/G

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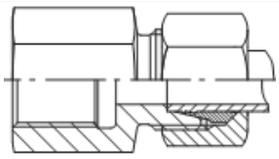	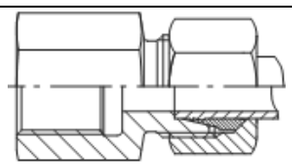	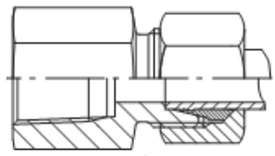
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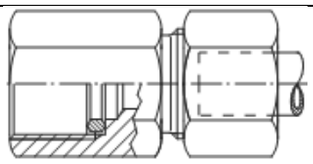	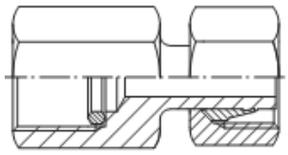	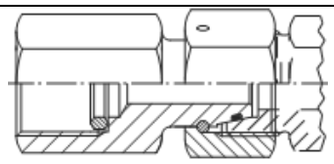
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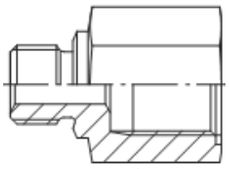	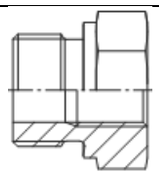	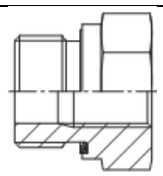
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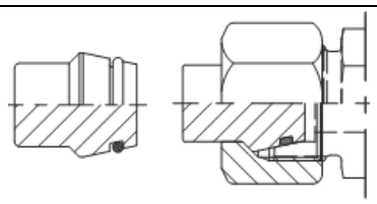	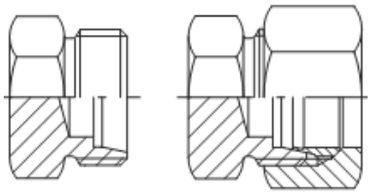	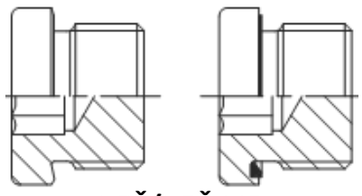
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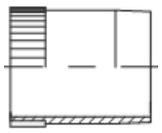			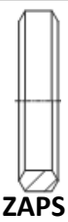			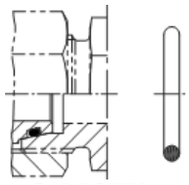
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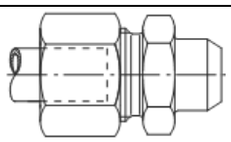
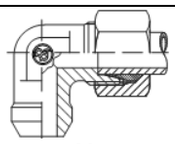
 U	 U

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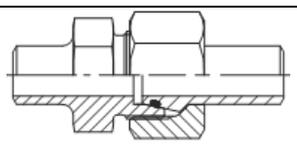 UNZ

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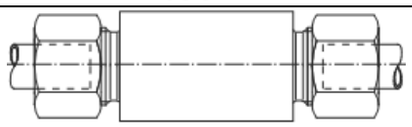 T

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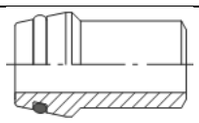 NZ

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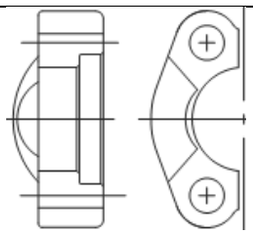
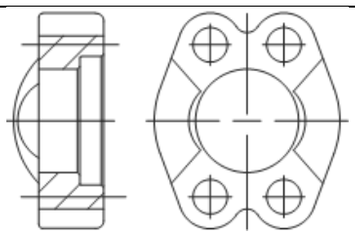
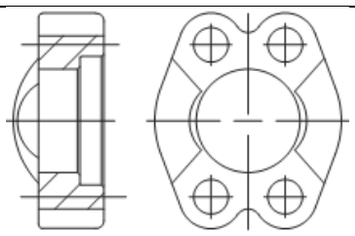
 PDS	 PJS	 PJS-N

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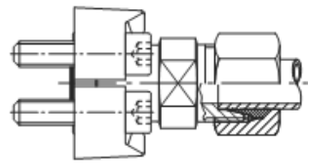	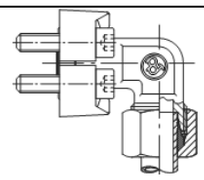	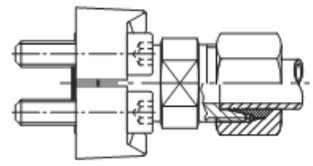	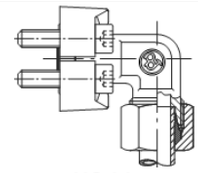
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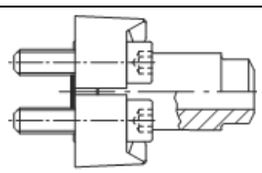	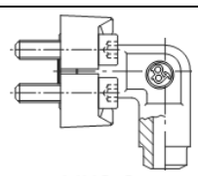	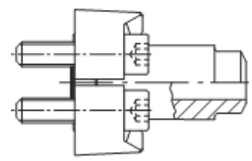	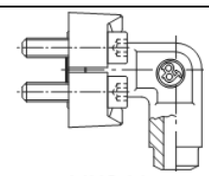
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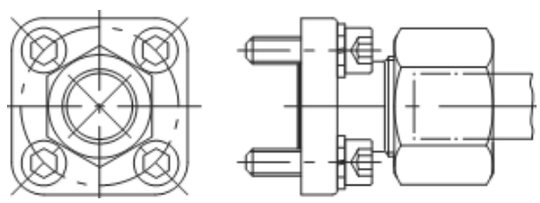	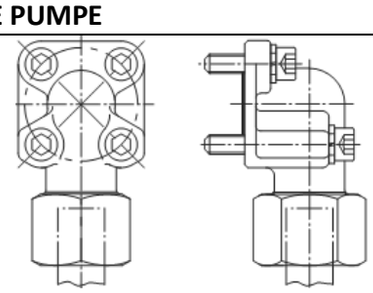
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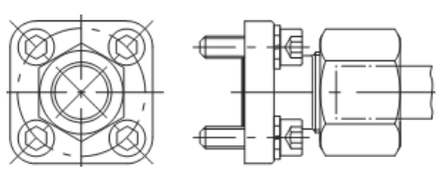	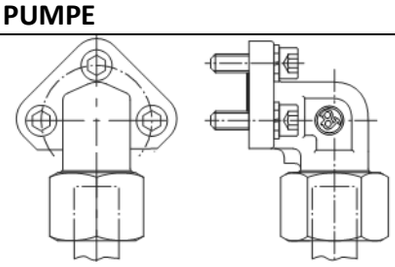
BP	KBP

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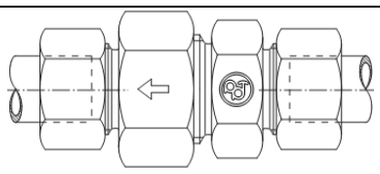
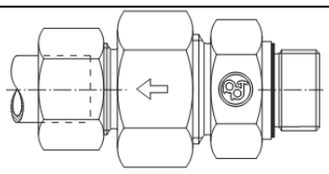
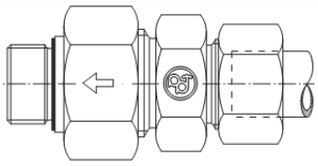
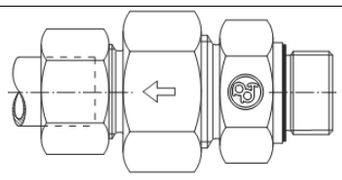
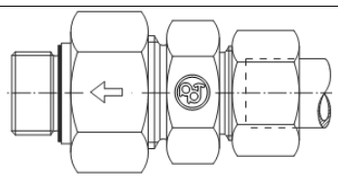
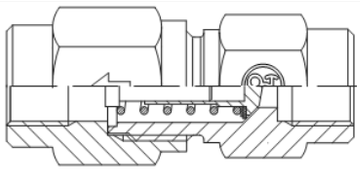
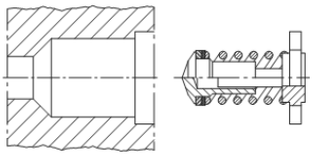
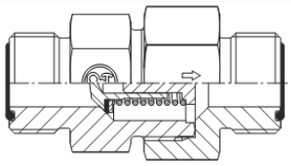
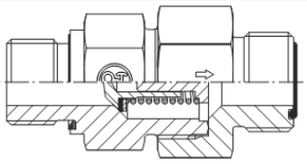
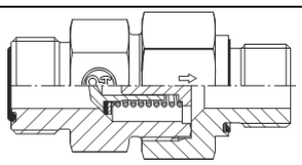
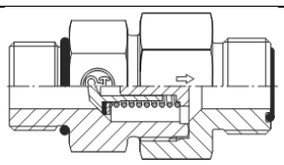
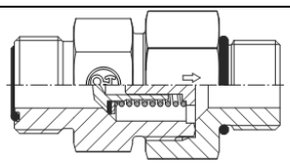
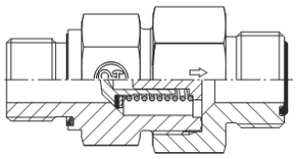
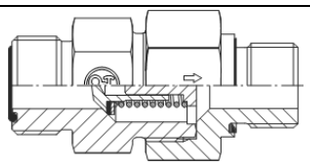
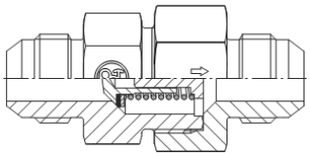
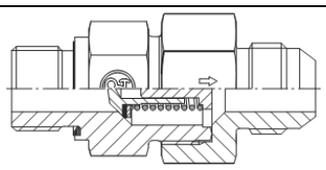
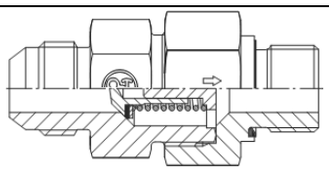
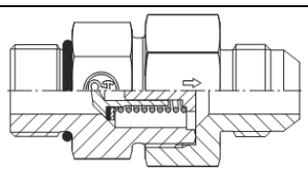
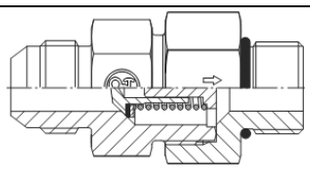
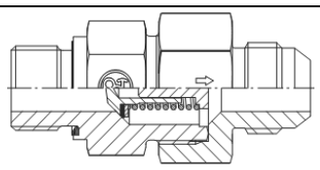
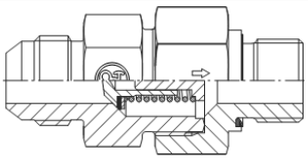
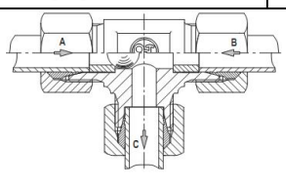
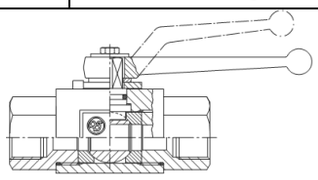
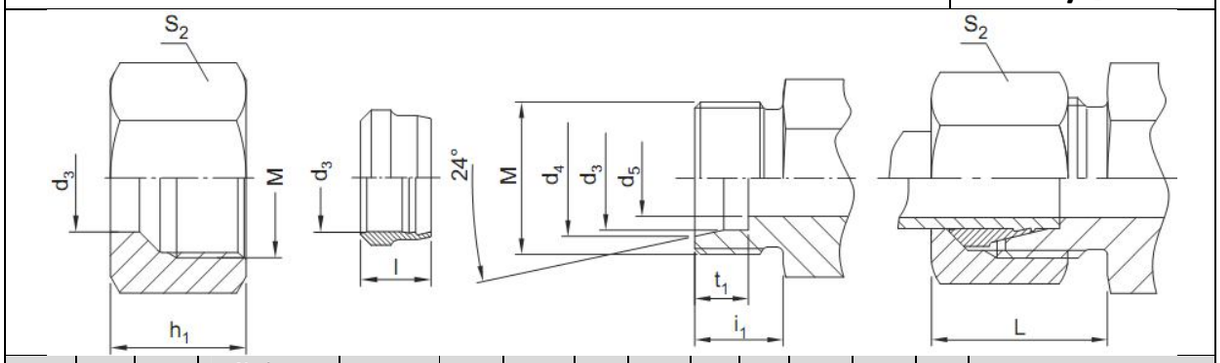
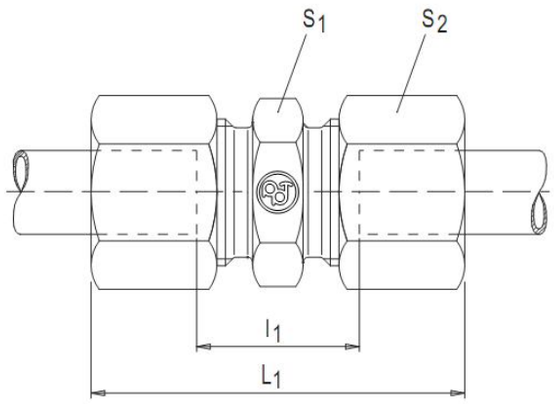
 NVD	 NVI-G-MZ	 NVU-G-MZ
 NVI-M-MZ	 NVU-M-MZ	 NVDU
 UNV	 O-NVD	 O-NVI-G-MZ
 O-NVU-G-MZ	 O-NVI-UNF	 O-NVU-UNF
 O-NVI-M-MZ	 O-NVU-G-MZ	 Y-NVD
 Y-NVI-G-MZ	 Y-NVU-G-MZ	 Y-NVI-UNF
 Y-NVU-UNF	 Y-NVI-M-MZ	 Y-NVU-M-MZ
 VSJ	 SSK	

NAVRTKA I USECNI PRSTEN	M…/UP…



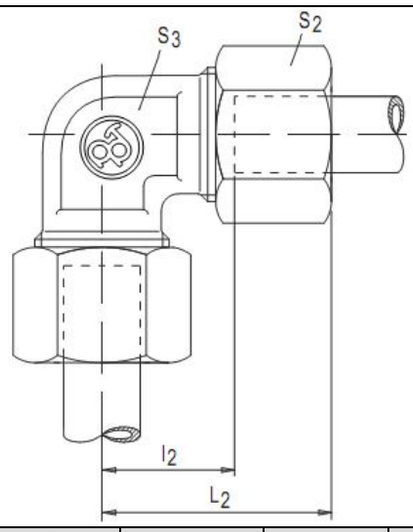
Red	PN	Cev Ø	Nazivna veličina		M	d3	d4	d5	t1	i1	S2	h1	l	L	Oznaka	
			mm	inc											Navrtka	Prsten
VL	100	04	3	-	M8x1	6	5	3	4	8	10	11	6	14	M04-VL	UP04-VL
		05	4	-	M10x1	8	6,5	3,5	5,5	8	12	11,5	7	14	M05-VL	UP05-VL
		06	4	-	M10x1	10	7,5	4,5	5,5	8	12	12	7	14	M06-VL	UP06-VL
		08	8	1/8	M12x1	12	9,5	6	5,5	9	14	12,5	7	15	M08-VL	UP08-VL
		10	8	1/4	M14x1	14	11,5	8	5,5	9	17	12,5	7	15	M10-VL	UP10-VL
		12	10	3/8	M16x1	16	13,5	10	6	9	19	13	7,5	15	M12-VL	UP12-VL
L	315	06	4	-	M12x1,5	20	8,1	4	7	10	14	15	9,5	18	M06-L	UP06-L/T
		08	6	1/8	M14x1,5	25	10,1	6	7	10	17	15	9,5	18	M08-L	UP08-L/T
		10	8	1/4	M16x1,5	30	12,3	8	7	11	19	16	10,5	19	M10-L	UP10-L/T
		12	10	3/8	M18x1,5	4	14,3	10	7	11	22	16	10,5	19	M12-L	UP12-L/T
		15	12	1/2	M22x1,5	5	17,3	12	7	12	27	17	10	20	M15-L	UP15-L
		18	16	1/2	M26x1,5	6	20,3	15	7,5	12	32	18	10	21	M18-L	UP18-L
	160	22	20	3/4	M30x2	8	24,3	19	7,5	14	36	20	11	23	M22-L	UP22-L
		28	25	1	M36x2	10	30,3	24	7,5	14	41	21	11	23	M28-L	UP28-L
		35	32	1-1/4	M45x2	12	38	30	10,5	16	50	24	13,5	27	M35-L	UP35-L
		42	40	1-1/2	M52x2	6	45	36	11	16	60	24	13,5	28	M42-L	UP42-L
T	630	06	3	-	M14x1,5	8	8,1	4	7	12	17	16	9,5	20	M06-T	UP06-L/T
		08	4	-	M16x1,5	10	10,1	5	7	12	19	16	9,5	20	M08-T	UP08-L/T
		10	6	1/8	M18x1,5	12	12,3	7	7,5	12	22	17,5	10,5	21	M10-T	UP10-L/T
		12	8	1/4	M20x1,5	15	14,3	8	7,5	12	24	18	10,5	21	M12-T	UP12-L/T
		14	10	3/8	M22x1,5	18	16,3	10	8	14	27	20	10,5	24	M14-T	UP14-T
	400	16	12	1/2	M24x1,5	22	18,3	12	8,5	14	30	21	10,5	24	M16-T	UP16-T
		20	16	1/2	M30x2	28	22,9	16	10,5	16	36	24	13	27	M20-T	UP20-T
		25	20	3/4	M36x2	35,3	27,9	20	12	18	46	26,5	13,5	30	M25-T	UP25-T
		30	25	1	M42x2	38,3	33	25	13,5	20	50	29,5	13,5	33	M30-T	UP30-T
		38	32	1-1/4	M52x2	42,3	41	32	16	22	60	32,5	13,5	37	M38-T	UP38-T

NASTAVNI PRIKLJUČAK	B...



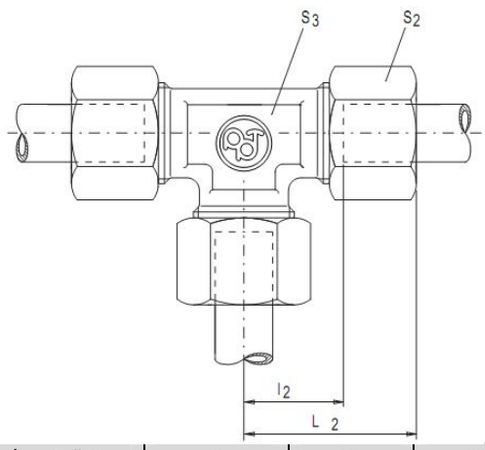
Red	PN	Cev Ø spoljašnji	l1	L1	S1	S2	Oznaka
VL	100	04	12	31	9	10	B04-VL
		05	9	32	11	12	B05-VL
		06	9	32	11	12	B06-VL
		08	12	35	12	14	B08-VL
		10	12	35	14	17	B10-VL
		12	11	35	17	19	B12-VL
L	315	06	10	39	12	14	B06-L
		08	11	40	14	17	B08-L
		10	13	42	17	19	B10-L
		12	14	43	19	22	B12-L
		15	16	46	24	27	B15-L
		18	16	48	27	32	B18-L
	160	22	20	52	32	36	B22-L
		28	21	54	41	41	B28-L
		35	20	63	46	50	B35-L
		42	21	66	55	60	B42-L
T	630	06	16	45	14	17	B06-T
		08	18	47	17	19	B08-T
		10	17	49	19	22	B10-T
		12	19	51	22	24	B12-T
		14	22	57	24	27	B14-T
	400	16	21	57	27	30	B16-T
		20	23	66	32	36	B20-T
		25	26	74	41	46	B25-T
		30	27	80	46	50	B30-T
	315	38	29	90	55	60	B38-T

KOLENASTI NASTAVNI PRIKLJUČAK	E...



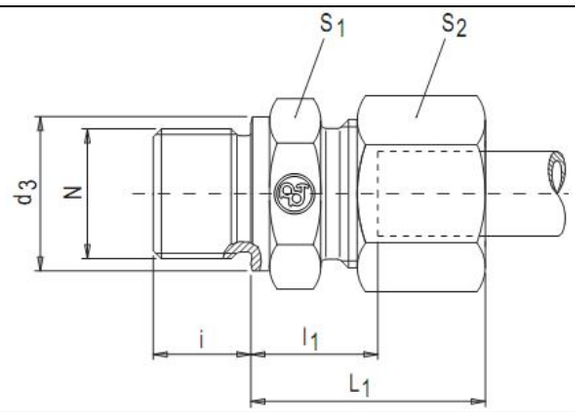
Red	PN	Cev Ø spoljašnji	l2	L2	S2	S3	Oznaka
VL	100	04	11	21	10	9	E04-VL
		05	9,5	21	12	9	E05-VL
		06	9,5	21	12	9	E06-VL
		08	11,5	23	14	12	E08-VL
		10	12,5	24	17	14	E10-VL
		12	13	25	19	17	E12-VL
L	315	06	12	27	14	12	E06-L
		08	14	29	17	12	E08-L
		10	15	30	19	14	E10-L
		12	17	32	22	17	E12-L
		15	21	36	27	19	E15-L
		18	23,5	40	32	24	E18-L
	160	22	27,5	44	36	27	E22-L
		28	30,5	47	41	36	E28-L
		35	34,5	56	50	41	E35-L
		42	40	63	60	50	E42-L
T	630	06	16	31	17	12	E06-T
		08	17	32	19	14	E08-T
		10	17,5	34	22	17	E10-T
		12	21,5	38	24	17	12-T
		14	22	40	27	19	E14-T
	400	16	24,5	43	30	24	16-T
		20	26,5	48	36	27	E20-T
		25	30	54	46	36	E25-T
		30	35,5	62	50	41	E30-T
	315	38	41	72	60	50	E38-T

T-PRIKLJUČAK	J...



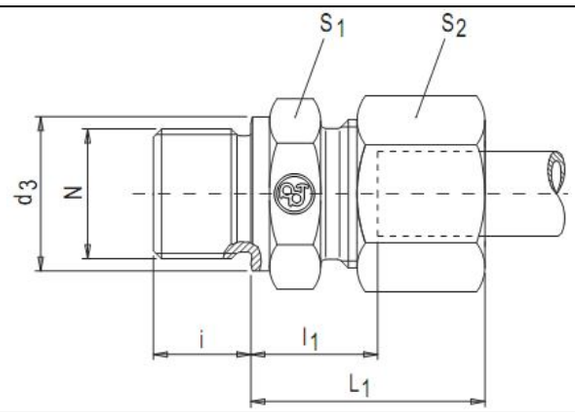
Red	PN	Cev Ø spoljašnji	l2	L2	S2	S3	Oznaka
VL	100	04	11	21	10	9	J04-VL
		05	9,5	21	12	9	J05-VL
		06	9,5	21	12	9	J06-VL
		08	11,5	23	14	12	J08-VL
		10	12,5	24	17	14	J10-VL
		12	13	25	19	17	J12-VL
L	315	06	12	27	14	12	J06-L
		08	14	29	17	12	J08-L
		10	15	30	19	14	J10-L
		12	17	32	22	17	J12-L
		15	21	36	27	19	J15-L
		18	23,5	40	32	24	J18-L
	160	22	27,5	44	36	27	J22-L
		28	30,5	47	41	36	J28-L
		35	34,5	56	50	41	J35-L
		42	40	63	60	50	J42-L
T	630	06	16	31	17	12	J06-T
		08	17	32	19	14	J08-T
		10	17,5	34	22	17	J10-T
		12	21,5	38	24	17	J12-T
		14	22	40	27	19	J14-T
	400	16	24,5	43	30	24	J16-T
		20	26,5	48	36	27	J20-T
		25	30	54	46	36	J25-T
		30	35,5	62	50	41	J30-T
	315	38	41	72	60	50	J38-T

PRIKLJUČAK ZA UVRTANJE	A...M



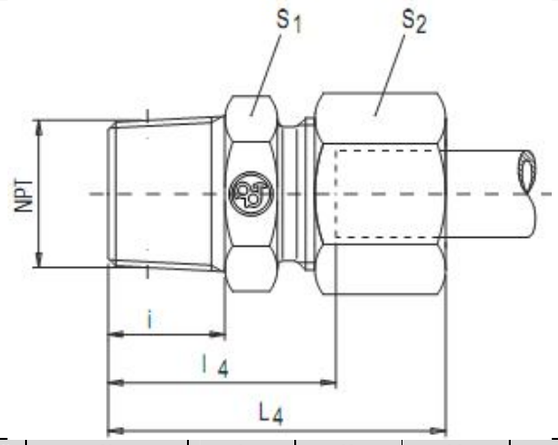
Red	PN	Cev Ø spoljašnji	N	d3	l	l1	L1	S1	S2	Oznaka
VL	100	04	M8x1	12	8	9,5	18,5	14	10	A04-VLM
		05	M8x1	12	8	8	18,5	14	12	A05-VLM
		06	M10x1	14	8	8	18,5	14	12	A06-VLM
		08	M10x1	14	8	9	19,5	14	14	A08-VLM
L	315	06	M10x1	14	8	8,5	23	14	14	A06-LM
		08	M12x1,5	17	12	10	25	19	17	A08-LM
		10	M14x1,5	19	12	11	26	19	19	A10-LM
		12	M16x1,5	21	12	12,5	27	22	22	A12-LM
		15	M18x1,5	23	14	14	29	27	27	A15-LM
		18	M22x1,5	27	14	14,5	31	27	32	A18-LM
	160	22	M26x1,5	31	16	16,5	33	32	36	A22-LM
		28	M33x2	39	18	17,5	34	41	41	A28-LM
		35	M42x2	49	20	17,5	39	50	50	A35-LM
		42	M48x2	55	22	19	42	55	60	A42-LM
T	630	06	M12x1,5	17	12	13	28	19	17	A06-TM
		08	M14x1,5	19	12	15	30	19	19	A08-TM
		10	M16x1,5	21	12	15	31	22	22	A10-TM
		12	M18x1,5	23	12	17	33	22	24	A12-TM
		14	M20x1,5	25	14	19	37	27	27	A14-TM
	400	16	M22x1,5	27	14	18,5	37	27	30	A16-TM
		20	M27x2	32	16	20,5	42	32	36	A20-TM
		25	M33x2	39	18	23	47	41	46	A25-TM
	250	30	M42x2	49	20	23,5	51	50	50	A30-TM
		38	M48x2	55	22	26	57	55	60	A38-TM

PRIKLJUČAK ZA UVRTANJE	A...M



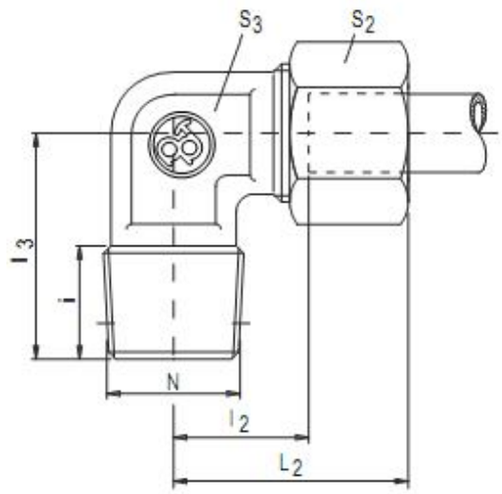
Red	PN	Cev Ø spoljašnji	N	d3	l	l1	L1	S1	S2	Oznaka
VL	100	04	G1/8	14	8	9,5	18,5	14	10	A04-VLG
		05	G1/8	14	8	8	18,5	14	12	A05-VLG
		06	G1/8	14	8	8	18,5	14	12	A06-VLG
		08	G1/8	14	8	9	19,5	14	14	A08-VLG
L	315	06	G1/8	14	8	8,5	23	14	14	A06-LG
		08	G1/4	18	12	10	25	19	17	A08-LG
		10	G1/4	18	12	11	26	19	19	A10-LG
		12	G3/8	22	12	12,5	27	22	22	A12-LG
		15	G1/2	26	14	14	29	27	27	A15-LG
		18	G1/2	26	14	14,5	31	27	32	A18-LG
	160	22	G 3/4	32	16	16,5	33	32	36	A22-LG
		28	G1	39	18	17,5	34	41	41	A28-LG
		35	G1 1/4	49	20	17,5	39	50	50	A35-LG
		42	G1 1/2	55	22	19	42	55	60	A42-LG
T	630	06	G 1/4	18	12	13	28	19	17	A06-TG
		08	G1/4	18	12	15	30	19	19	A08-TG
		10	G3/8	22	12	15	31	22	22	A10-TG
		12	G3/8	22	12	17	33	22	24	A12-TG
		14	G1/2	26	14	19	37	27	27	A14-TG
	400	16	G1/2	26	14	18,5	37	27	30	A16-TG
		20	G3/4	32	16	20,5	42	32	36	A20-TG
		25	G1	39	18	23	47	41	46	A25-TG
	250	30	G1 1/4	49	20	23,5	51	50	50	A30-TG
		38	G1 1/2	55	22	26	57	55	60	A38-TG

PRIKLJUČAK ZA UVRTANJE	A.../NPT



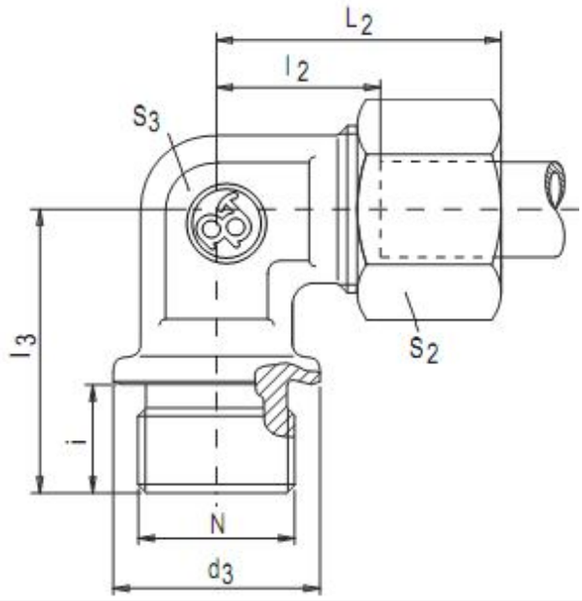
Red	PN	Cev Ø spoljašnji	N	I	I1	L1	S1	S2	Oznaka
VL	100	04	1/8/NPT	9,9	18	28	11	10	A04-VL/NPT
		05	1/8/NPT	9,9	16,5	28	11	12	A05-VL/NPT
		06	1/8/NPT	9,9	16,5	28	11	12	A06-VL/NPT
		08	1/8/NPT	9,9	18,5	30	12	14	A08-VL/NPT
L	315	06	1/8/NPT	9,9	17	32	12	14	A06-L/NPT
		08	1/4/NPT	15,1	23	38	17	17	A08-L /NPT
		10	1/4/NPT	15,1	24	39	17	19	A10-L /NPT
		12	3/8/NPT	15,2	25	40	19	22	A12-L /NPT
		15	1/2/NPT	19,8	31	46	24	27	A15-L /NPT
		18	1/2/NPT	19,8	31,5	48	27	32	A18-L /NPT
	160	22	3/4/NPT	20,1	33,5	50	32	36	A22-L /NPT
		28	1/NPT	25,0	39,5	56	41	41	A28-L /NPT
		35	1 1/4/NPT	25,6	40,5	62	46	50	A35-L /NPT
		42	1 1/2/NPT	26,0	42	65	55	60	A42-L /NPT
T	630	06	1/4/NPT	15,1	28	43	17	17	A06-T /NPT
		08	1/4/NPT	15,1	28	43	17	19	A08-T /NPT
		10	3/8/NPT	15,2	27,5	44	19	22	A10-T /NPT
		12	3/8/NPT	15,2	29,5	46	22	24	A12-T/NPT
		14	1/2/NPT	19,8	36	54	24	27	A14-T /NPT
	400	16	1/2/NPT	19,8	35,5	54	27	30	A16-T/NPT
		20	3/4/NPT	20,1	37,5	59	32	36	A20-T/NPT
		25	1/NPT	25,0	45	69	41	46	A25-T /NPT
	250	30	1 1/4/NPT	25,6	46,5	73	46	50	A30-T /NPT
		38	1 1/2/NPT	26,0	49	80	55	60	A38-T /NPT

KOLENASTI PRIKLJUČAK ZA UVRTANJE	EK...M/R



Red	PN	Cev Ø spoljašnji	l	l2	L2	i3	S3	S2	M		R	
									N	Oznaka	N	
VL	100	04	8	11	17	17	7	10	M8x1 kon	EK04-VLM	R1/8 kon	EK04-VLR
		05	8	9,5	17	17	9	12	M8x1 kon	EK05-VLM	R1/8 kon	EK05-VLR
		06	8	9,5	17	17	9	12	M10x1 kon	EK06-VLM	R1/8 kon	EK06-VLR
		08	8	11,5	20	20	12	14	M10x1 kon	EK08-VLM	R1/8 kon	EK08-VLR
		10	12	12,5	23	23	14	17	-	-	R1/4 kon	EK10-VLR
		12	12	13	23	23	17	19	-	-	R1/4 kon	EK12-VLR
L	315	06	8	12	20	20	12	14	M10x1 kon	EK06-LM	R1/8 kon	EK06-LR
		08	12	14	26	26	12	17	M12x1,5 kon	EK08-LM	R1/4 kon	EK08-LR
		10	12	15	27	27	14	19	M14x1,5 kon	EK10-LM	R1/4 kon	EK10-LR
		12	12	17	28	28	12	22	M16x1,5 kon	EK12-LM	R3/8 kon	EK12-LR
		15	14	21	32	32	19	27	M18x1,5 kon	EK15-LM	R1/2 kon	EK15-LR
		18	14	23,5	36	36	24	32	M22x1,5 kon	EK18-LM	R1/2 kon	EK18-LR
T	400	06	12	16	26	26	12	17	M12x1,5 kon	EK06-TM	R1/4 kon	EK06-TR
		08	12	17	27	27	14	19	M14x1,5 kon	EK08-TM	R1/4 kon	EK08-TR
		10	12	17,5	28	28	17	22	M16x1,5 kon	EK10-TM	R3/8 kon	EK10-TR
		12	12	21,5	28	28	17	24	M18x1,5 kon	EK12-TM	R3/8 kon	EK12-TR
		14	14	22	32	32	19	27	M20x1,5 kon	EK14-TM	R1/2 kon	EK14-TR
		16	14	24,5	32	32	24	30	M22x1,5 kon	EK16-TM	R1/2 kon	EK16-TR

KOLENASTI PRIKLJUČAK ZA UVRTANJE	E...M/G

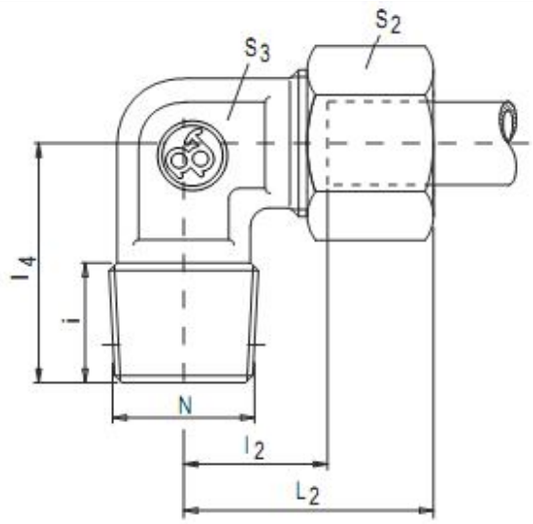


Red	PN	Cev Ø spoljašnji	N	d3	i	l2	L2	l3	S3	S2	Oznaka
L	160	22	M26x1,5	31	16	27,5	44	26	27	36	E22-LM
	100	28	M 33x2	39	18	30,5	47	30	36	41	E28-LM
		35	M42x2	49	20	34,5	56	34	41	50	E35-LM
		42	M48x2	55	22	40	63	39	50	60	E42-LM
T	400	20	M27x2	32	16	26,5	48	26	27	36	E20-TM
		25	M33x2	39	18	30	54	30	36	46	E25-TM
	250	30	M42x2	49	20	35,5	62	34	41	50	E30-TM
		38	M48x2	55	22	41	72	39	50	60	E38-TM

L	160	22	G3/4	31	16	27,5	44	26	27	36	E22-LM
	100	28	G1	39	18	30,5	47	30	36	41	E28-LM
		35	G1-1/4	49	20	34,5	56	34	41	50	E35-LM
		42	G1-1/2	55	22	40	63	39	50	60	E42-LM
T	400	20	G3/4	32	16	26,5	48	26	27	36	E20-TM
		25	G1	39	18	30	54	30	36	46	E25-TM
	250	30	G1-1/4	49	20	35,5	62	34	41	50	E30-TM
		38	G1-1/2	55	22	41	72	39	50	60	E38-TM

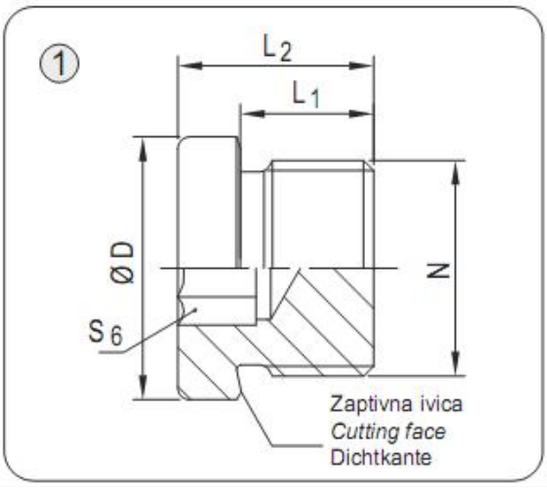
KOLENASTI PRIKLJUČAK ZA UVRTANJE

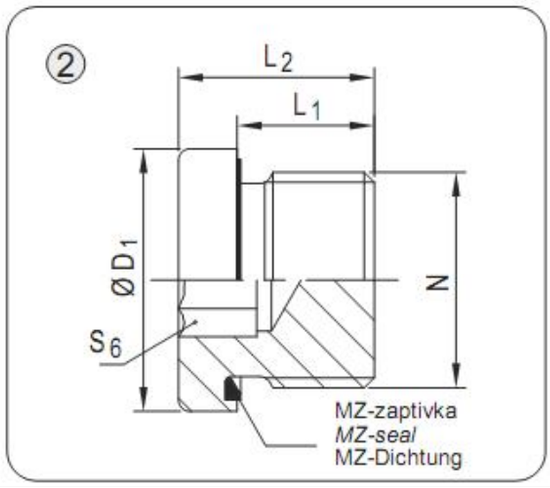
E...NPT



Red	PN	Cev Ø spoljašnji	N	i	l2	L2	i4	S3	S2	Oznaka
VL	100	04	1/8/NPT	9,9	11	21	17	7	10	E04-VL/NPT
		05	1/8/NPT	9,9	9,5	21	17	9	12	E05-VL/NPT
		06	1/8/NPT	9,9	9,5	21	17	9	12	E06-VL/NPT
		08	1/8/NPT	9,9	11,5	23	20	12	14	E08-VL/NPT
L	315	06	1/8/NPT	9,9	12	27	20	12	14	E06-L/NPT
		08	1/4/NPT	15,1	14	29	26	12	17	E08-L /NPT
		10	1/4/NPT	15,1	15	30	27	14	19	E10-L /NPT
		12	3/8/NPT	15,2	17	32	28	17	22	E12-L /NPT
		15	1/2/NPT	19,8	21	36	34	19	27	E15-L /NPT
		18	1/2/NPT	19,8	23,5	40	36	24	32	E18-L /NPT
	160	22	3/4/NPT	20,1	27,5	44	42	27	36	E22-L /NPT
		28	1/NPT	25,0	30,5	47	48	36	41	E28-L /NPT
		35	1 1/4/NPT	25,6	34,5	56	54	41	50	E35-L /NPT
		42	1 1/2/NPT	26,0	40	63	61	50	60	E42-L /NPT
T	630	06	1/4/NPT	15,1	16	31	26	12	17	E06-T /NPT
		08	1/4/NPT	15,1	17	32	27	14	19	E08-T /NPT
		10	3/8/NPT	15,2	17,5	34	28	17	22	E10-T /NPT
		12	3/8/NPT	15,2	21,5	38	28	17	24	E12-T/NPT
		14	1/2/NPT	19,8	22	40	34	19	27	E14-T /NPT
	400	16	1/2/NPT	19,8	24,5	43	36	24	30	E16-T/NPT
		20	3/4/NPT	20,1	26,5	48	42	27	36	E20-T/NPT
		25	1/NPT	25,0	30	54	48	36	46	E25-T /NPT
	315	30	1 1/4/NPT	25,6	35,5	62	54	41	50	E30-T /NPT
		38	1 1/2/NPT	26,0	41	72	61	50	60	E38-T /NPT

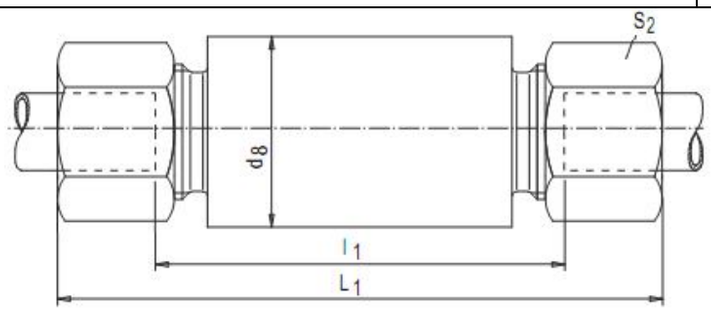
NAVOJNI ČEP	NZČ... / NZČ...-MZ





PN	N	D	D1	L1	L2	S6	Ozunaka 1	Oznaka 2
400	M 10x1	14	14	8	12	5	NZČ M 10x1	NZČ M 10x1-MZ
	M12x1,5	17	17	12	17	6	NZČ M12x1,5	NZČ M12x1,5-MZ
	M 14x1,5	19	19	12	17	6	NZČ M 14x1,5	NZČ M 14x1,5-MZ
	M16x1,5	21	22	12	17	8	NZČ M16x1,5	NZČ M16x1,5-MZ
	M18x1,5	23	22	12	17	8	NZČ M18x1,5	NZČ M18x1,5-MZ
	M20x1,5	25	26	14	19	10	NZČ M20x1,5	NZČ M20x1,5-MZ
	M22x1,5	27	27	14	19	10	NZČ M22x1,5	NZČ M22x1,5-MZ
	M26x1,5	31	32	16	21	12	NZČ M26x1,5	NZČ M26x1,5-MZ
	M27x2	32	32	16	21	12	NZČ M27x2	NZČ M27x2-MZ
	M33x2	39	40	16	22,5	17	NZČ M33x2	NZČ M33x2-MZ
250	M42x2	50	50	16	22,5	22	NZČ M42x2	NZČ M42x2-MZ
	M48x2	55	55	16	22,5	24	NZČ M48x2	NZČ M48x2-MZ
400	G1/8	14	14	8	14	5	NZČ G1/8	NZČ G1/8-MZ
	G1/4	18	19	12	17	6	NZČ G1/4	NZČ G1/4-MZ
	G3/8	22	22	12	17	8	NZČ G3/8	NZČ G3/8-MZ
	G1/2	26	27	14	19	10	NZČ G1/2	NZČ G1/2-MZ
	G3/4	32	32	16	21	12	NZČ G3/4	NZČ G3/4-MZ
	G1	39	40	16	22,5	17	NZČ G1	NZČ G1-MZ
250	G1 1/4	49	50	16	22,5	22	NZČ G1 1/4	NZČ G1 1/4-MZ
	G1 1/2	55	55	16	22,5	24	NZČ G1 1/2	NZČ G1 1/2-MZ

PREGRADNI PRIKLJUČAK ZA PRIVARIVANJE	T...

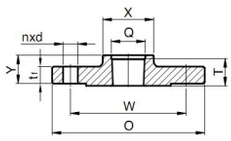


Red	PN	Cev Ø spoljašnji	d8	l1	L1	S2	Oznaka
L	315	06	18	56	85	14	T06-L
		08	20	56	85	17	T08-L
		10	22	58	87	19	T10-L
		12	25	58	87	22	T12-L
		15	28	70	100	27	T15-L
		18	32	69	101	32	T18-L
	160	22	36	73	105	36	T22-L
		28	40	73	106	41	T28-L
		35	50	71	114	50	T35-L
		42	60	70	115	60	T42-L
T	630	06	20	60	89	17	T06-T
		08	22	60	89	19	T08-T
		10	25	59	91	22	T10-T
		12	28	59	91	24	T12-T
		14	30	72	107	27	T14-T
	400	16	35	71	107	30	T16-T
		20	38	71	144	36	T20-T
		25	45	72	120	46	T25-T
		30	50	73	126	50	T30-T
	315	38	60	72	133	60	T38-T

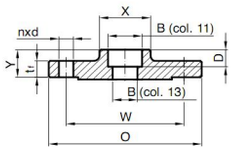
PRECIZNE SPOJNICE ZA CEVI OD NERĐAJUĆEG ČELIKA (316SS) I MESINGA

Muške spojnice, ženske spojnice, produžne spojnice, T-komadi, kolena, reducir spojnice i drugi priključci u svim standardnim milimetarskim i colovnim merama.

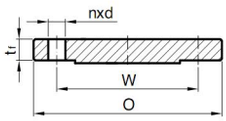
Prirubnice prema ASME/ANSI B16.5



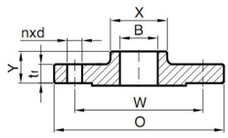
Crtež H.1.11 - Navojna



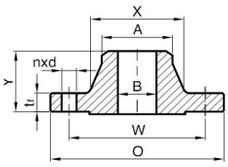
Crtež H.1.12 - Sa upustom



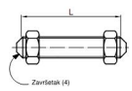
Crtež H.1.13 - Slepa



Crtež H.1.14 - Ravna



Crtež H.1.15 - Sa grlom za zavarivanje



Crtež H.1.16 - Svorni vijak sa navrtkom

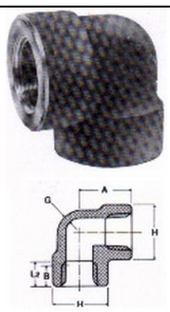
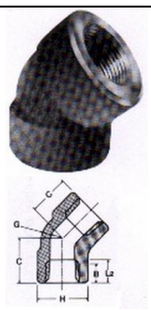
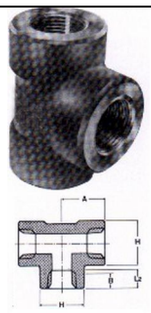
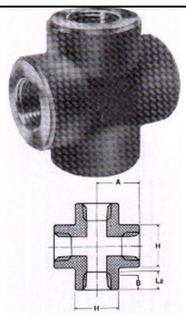
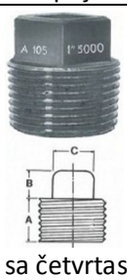
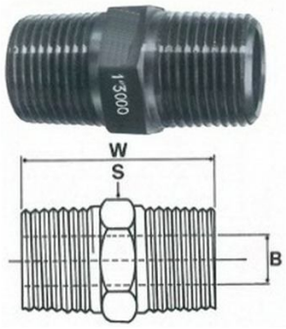
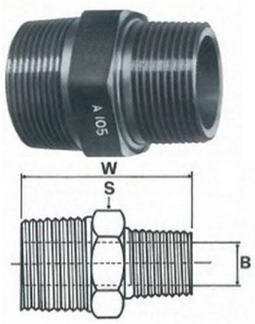
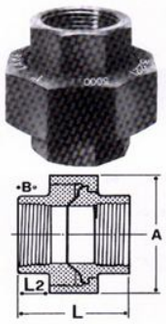
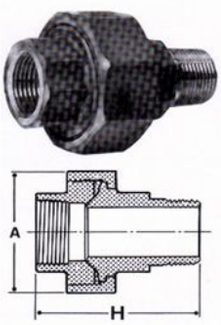
DN (NPS)	Class	Spoljašnji prečnik	Prečnik podeonog kruga za vijke	Debljina prirubnice	Donji prečnik grla	Prečnik grla	Visina			Dužina navoja prirubnica sa navojem	Otvor			Dubina upusta	Ulazni otvor navoja	Prečnik otvora za vijke	Broj vijaka (3)	Dužina svornih vijaka (4)		RTJ	Težina (kg)
							-Navojna sa upustom	-Ravna	-Sa grlom za zavarivanje		-Sa upustom	-Ravna	-Sa grlom za zavarivanje sa upustom					2mm ispust	Prstenasti spoj (RTJ)		
		O	W	Min. tf	X	A	Y	Y	Y	Min . T	Min. B	Min. B	B	D	Min. Q	d	n	L	L		
15 1/2"	150	90	60,3	9,6	30	21,3	14	46	46	16	22,2	22,9	15,8	10	---	15,9	4	55	---	---	0,8
	300	95	66,7	12,7	38	21,3	21	51	51	16	22,2	22,9	15,8	10	23,6	15,9	4	65	75	R11	1,0
	600	95	66,7	14,3	38	21,3	22	52	52	16	22,2	22,9	*	10	23,6	15,9	4	75	70	R11	1,4
	900 1500	120	82,6	22,3	38	21,3	32	60	60	23	22,2	22,9	*	10	23,6	22,2	4	110	100	R12	2,2
20 3/4"	150	100	69,9	11,2	38	26,7	14	51	51	16	27,7	28,2	20,9	11	---	15,9	4	65	---	---	1,0
	300	115	82,6	14,3	48	26,7	24	56	56	16	27,7	28,2	20,9	11	29,0	19,0	4	75	90	R13	1,4
	600	115	82,6	15,9	48	26,7	25	57	57	16	27,7	28,2	*	11	29,0	19,0	4	90	85	R13	1,8
	900 1500	130	88,9	25,4	44	26,7	35	70	70	26	27,7	28,2	*	11	29,0	22,2	4	115	110	R14	3,2
25 1"	150	110	79,4	12,7	49	33,4	16	54	54	17	34,5	34,9	26,6	13	---	15,9	4	65	75	R15	1,1
	300	125	88,9	15,9	54	33,4	25	60	60	18	34,5	34,9	26,6	13	35,8	19,0	4	75	90	R16	1,8
	600	125	88,9	17,5	54	33,4	27	62	62	18	34,5	34,9	*	13	35,8	19,0	4	90	85	R16	2,3
	900 1500	150	101,6	28,6	52	33,4	41	73	73	29	34,5	34,9	*	13	35,8	25,4	4	125	120	R16	4,1
32 1"-1/4	150	115	88,9	14,3	59	42,2	19	56	56	21	43,2	43,7	35,1	14	---	15,9	4	70	85	R17	1,4
	300	135	98,4	17,5	64	42,2	25	64	64	21	43,2	43,7	35,1	14	44,4	19,0	4	85	95	R18	2,7
	600	135	98,4	20,7	64	42,2	29	67	67	21	43,2	43,7	*	14	44,4	19,0	4	95	90	R18	3,2
	900 1500	160	111,1	28,6	64	42,2	41	73	73	31	43,2	43,7	*	14	44,4	25,4	4	125	120	R18	4,5
40 1"-1/2	150	125	98,4	15,9	65	48,3	21	60	60	22	49,5	50,0	40,9	16	---	15,9	4	70	85	R19	1,8
	300	155	114,3	19,1	70	48,3	29	67	67	23	49,5	50,0	40,9	16	50,3	22,2	4	90	100	R20	3,6
	600	155	114,3	22,3	70	48,3	32	70	70	23	49,5	50,0	*	16	50,6	22,2	4	110	100	R20	4,5
	900 1500	180	123,8	31,8	70	48,3	44	83	83	32	49,5	50,0	*	16	50,6	28,6	4	140	135	R20	6,4
50 2"	150	150	120,7	17,5	78	60,3	24	25	62	25	61,9	62,5	52,5	17	---	19,0	4	85	95	R22	2,7
	300	165	127,0	20,7	84	60,3	32	33	68	29	61,9	62,5	52,5	17	63,5	19,0	8	90	100	R23	4,1
	600	165	127,0	25,4	84	60,3	37	37	73	29	61,9	62,5	*	17	63,5	19,0	8	110	100	R23	5,4
	900 1500	215	165,1	38,1	105	60,3	57	57	102	39	61,9	62,5	*	17	63,5	25,4	8	145	140	R24	11,3
65 2"-1/2	150	180	139,7	20,7	90	73,0	27	29	68	29	74,6	75,4	62,7	19	---	19,0	4	90	100	R25	3,6
	300	190	149,2	23,9	100	73,0	37	38	75	32	74,6	75,4	62,7	19	76,2	22,2	8	100	115	R26	5,4
	600	190	149,2	28,6	100	73,0	41	41	79	32	74,6	75,4	*	19	76,2	22,2	8	120	115	R26	8,2
	900 1500	245	190,5	41,3	124	73,0	64	64	105	48	74,6	75,4	*	19	76,2	28,6	8	160	150	R27	16,3

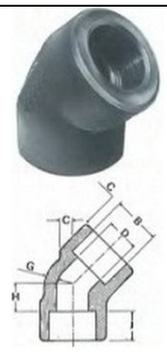
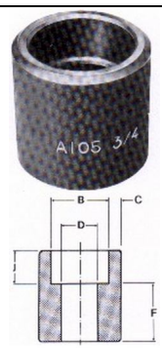
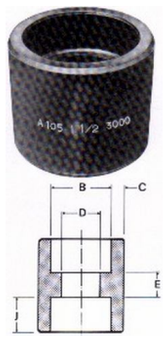
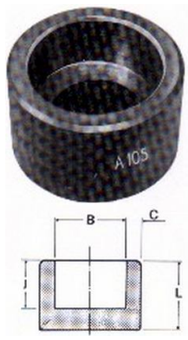
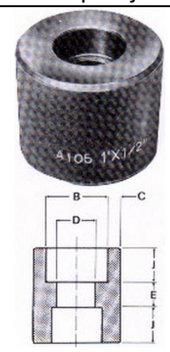
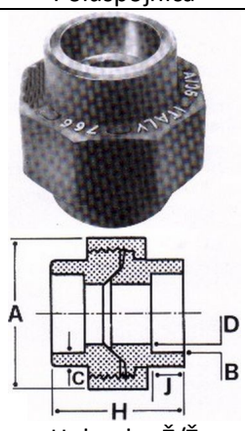
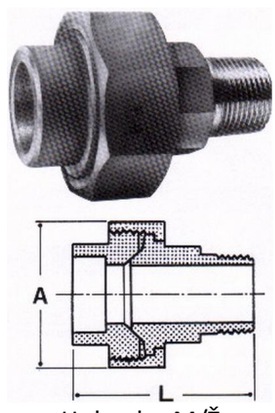
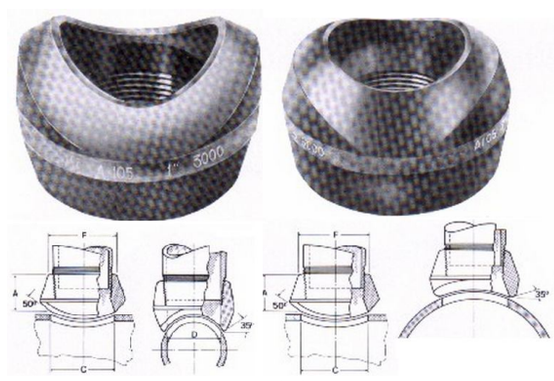
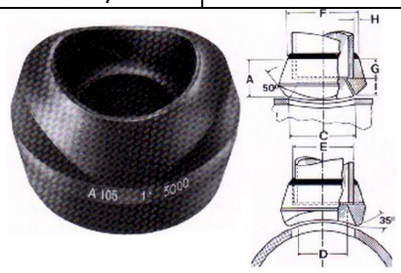
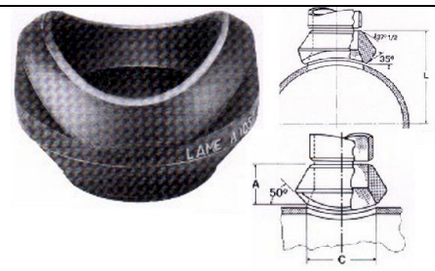
Bešavne hidraulične cevi i pribor

DN (NPS)	Class	Spoljašnji prečnik	Prečnik podeonog kruga za vijke	Debljina prirubnice	Donji prečnik grla	Prečnik grla	Visina -Navojna sa upustvom	Visina -Ravna	Visina -Sa grlom za zavarivanje	Dužina navoja prirubnica sa navojem	Otvor -Sa upustom	Otvor -Ravna	Otvor -Sa grlom za zavarivanje sa upustvom	Dubina upusta	Ulazni otvor navoja	Prečnik otvora za vijke	Broj vijaka (3)	Dužina svornih vijaka (4) 2mm ispust	Dužina svornih vijaka (4) Prstenasti spoj (RTJ)	RTJ	Težina (kg)
		O	W	Min. tf	X	A	Y	Y	Y	Min. T	Min. B	Min. B	B	D	Min. Q	d	n	L	L		
80 3”	150	190	152,4	22,3	108	88,9	29	30	68	30	90,7	91,4	77,9	21	---	19,0	4	90	100	R29	4,5
	300	210	168,3	27,0	117	88,9	41	43	48	32	90,7	91,4	77,9	21	92,2	22,2	8	110	120	R31	6,8
	600	210	168,3	31,8	117	88,9	46	46	83	35	90,7	91,4	*	21	92,2	22,2	8	125	120	R31	10,4
	900	240	190,5	38,1	127	88,9	54	54	102	42	90,7	91,4	*	---	92,2	25,4	8	145	140	R31	14,5
	1500	265	103,2	47,7	133	88,9	---	73	117	---	---	91,4	*	---	---	31,7	8	180	170	R35	14,5
100 4”	150	230	190,5	22,3	135	114,3	32	32	70	33	116,1	104,1	102,3	---	---	19,0	8	90	100	R36	6,8
	300	255	200,0	30,2	146	114,3	46	44	79	37	116,1	104,1	102,3	---	117,6	22,2	8	115	125	R37	11,3
	600	275	215,9	38,1	152	114,3	54	49	86	42	116,1	104,1	*	---	117,6	25,4	8	145	140	R37	19,1
	900	290	235,0	44,5	159	114,3	70	33	75	48	116,1	116,8	*	---	117,6	31,7	8	170	165	R37	23,2
	1500	310	241,3	54,0	162	114,3	---	48	84	---	---	116,8	*	---	---	34,9	8	195	190	R39	23,2
125 5”	150	255	215,9	22,3	164	141,3	35	54	102	36	143,8	116,8	128,2	---	---	22,2	8	95	110	R40	8,6
	300	280	235,0	33,4	178	141,3	49	70	114	43	143,8	116,8	128,2	---	144,4	22,2	8	120	135	R41	14,5
	600	330	266,7	44,5	189	141,3	60	90	124	48	143,8	116,8	*	---	144,4	28,6	8	165	160	R41	30,9
	900	350	279,4	50,8	190	141,3	79	36	87	54	143,8	144,4	*	---	144,4	34,9	8	190	185	R41	39,0
	1500	375	292,1	73,1	197	141,3	---	51	97	---	---	144,4	*	---	---	41,3	8	250	240	R44	39,0
150 6”	150	280	241,3	23,9	192	168,3	38	60	114	40	170,7	144,4	154,1	---	---	22,2	8	100	115	R43	10,9
	300	320	269,9	35,0	206	168,3	51	79	127	47	170,7	144,4	154,1	---	171,4	22,2	12	120	140	R45	19,0
	600	355	292,1	47,7	222	168,3	67	105	156	51	170,7	144,4	*	---	171,4	28,6	12	170	165	R45	37,0
	900	380	317,5	55,6	235	168,3	86	40	87	58	170,7	171,4	*	---	171,4	31,7	12	190	185	R45	50,0
	1500	395	317,5	82,6	229	168,3	---	52	97	---	---	171,4	*	---	---	38,1	12	260	255	R46	50,0
200 8”	150	345	298,5	27,0	246	219,1	43	67	117	44	221,5	171,4	202,7	---	---	22,2	8	110	120	R43	10,9
	300	380	330,2	39,7	260	219,1	60	86	140	51	221,5	171,4	202,7	---	222,2	25,4	12	140	150	R45	19,0
	600	420	349,2	55,6	273	219,1	76	119	156	58	221,5	171,4	*	---	222,2	31,7	12	190	185	R45	37,0
	900	470	393,7	63,5	298	219,1	102	44	100	64	221,5	222,2	*	---	222,2	38,1	12	220	215	R45	50,0
250 10”	150	405	362,0	28,6	305	273,0	48	62	110	49	276,2	222,2	254,6	---	---	25,4	12	115	125	R46	50,0
	300	445	387,4	46,1	321	273,0	65	76	133	56	276,2	222,2	254,6	---	276,2	28,6	16	160	170	R48	17,7
	600	510	431,8	63,5	343	273,0	86	114	162	66	276,2	222,2	*	---	276,2	34,9	16	215	210	R49	30,5
	900	545	469,9	69,9	368	273,0	108	49	100	72	276,2	277,4	*	---	276,2	38,1	16	235	230	R49	53,0
300 12”	150	485	431,8	30,2	365	323,8	54	95	116	56	327,0	277,4	304,8	---	---	25,4	12	120	135	R49	85,0
	300	520	450,8	49,3	375	323,8	71	111	152	61	327,0	277,4	304,8	---	328,6	31,7	16	170	185	R52	23,6
	600	560	489,0	66,7	400	323,8	92	127	184	70	327,0	277,4	**	---	328,6	34,9	20	220	215	R53	41,5
	900	610	533,4	79,4	419	323,8	117	56	113	77	327,0	328,2	**	---	328,6	38,1	20	255	250	R53	86,0
350 14”	150	535	476,3	33,4	400	355,6	56	79	125	57	359,2	360,2	*	---	---	28,6	12	135	145	R53	122,0
	300	585	514,4	52,4	425	355,6	75	111	141	64	359,2	360,2	*	---	360,4	31,7	20	180	190	R56	36,3
	600	605	527,0	69,9	432	355,6	94	127	165	74	359,2	360,2	*	---	360,4	38,1	20	235	230	R57	62,5
	900	640	558,8	85,8	451	355,6	130	156	213	83	359,2	360,2	*	---	360,4	41,3	20	275	265	R57	103,0
400 16”	150	595	539,8	35,0	457	406,4	62	87	125	64	410,5	411,2	*	---	---	28,6	16	135	145	R57	269,0
	300	650	571,5	55,6	483	406,4	81	121	144	69	410,5	411,2	*	---	411,2	34,9	20	190	205	R59	46,3
	600	685	603,2	76,2	495	406,4	106	140	178	78	410,5	411,2	*	---	411,2	41,3	20	255	250	R61	84,5
	900	705	616,0	88,9	508	406,4	133	165	216	86	410,5	411,2	*	---	411,2	44,4	20	285	280	R61	158,0
450 18”	150	635	577,9	38,1	505	457,0	67	97	138	68	461,8	462,3	*	---	---	31,7	16	145	160	R68	63,6
	300	710	628,6	58,8	533	457,0	87	130	157	70	461,8	462,3	*	---	462,0	34,9	24	195	210	R69	138,0
	600	745	654,0	82,6	546	457,0	117	152	184	80	461,8	462,3	*	---	462,0	44,4	20	275	265	R69	252,0
	900	785	685,8	101,6	565	457,0	152	190	229	89	461,8	462,3	*	---	462,0	50,8	20	325	320	R70	419,0
500 20”	150	700	635,0	41,3	559	508,0	71	103	143	73	513,1	514,4	*	---	---	31,7	20	160	170	R72	91,0
	300	775	685,8	62,0	587	508,0	94	140	160	74	513,1	514,4	*	---	512,8	34,9	24	205	220	R73	172,0
	600	815	723,9	88,9	610	508,0	127	165	190	83	513,1	514,4	*	---	512,8	44,4	24	285	280	R73	313,0
	900	855	749,3	108,0	622	508,0	159	210	248	93	513,1	514,4	*	---	512,8	54,0	20	350	345	R74	528,0
600 24”	150	815	749,3	46,1	663	610,0	81	111	151	83	616,0	616,0	*	---	---	34,9	20	170	185	R76	118,0
	300	915	812,8	68,3	702	610,0	105	152	167	83	616,0	616,0	*	---	614,4	41,3	24	230	255	R77	247,0
	600	940	838,2	101,6	718	610,0	140	184	203	93	616,0	616,0	*	---	614,4	50,8	24	330	325	R77	444,0
	900	1040	901,7	139,7	749	610,0	203	267	292	102	616,0	616,0	*	---	614,4	66,7	20	440	430	R78	957,0

Kovani fitinzi

Kovani priključci, koji se nalaze u našoj ponudi, izrađeni su od ugljeničnog čelika A105, po standardu ASME B16.11., klase pritiska 3000lbs ili 6000lbs. Mogu biti navojni (NPT navoj) ili za zavarivanje.
Ova vrsta kovanog fitinga koristi se najviše u naftnoj i petrohemijskoj industriji, gasnim postrojenjima i sl.

NAVOJNI KOVANI PRIKLJUČCI			
 Koleno 90°	 Koleno 45°	 T-komad	 Krstasti priključak
Poluspojnica	Spojnica	Kapa	Redukciona spojnica
 Čep sa četvrtastom glavom	Čep šestougaonum glavom	Čep sa okruglom glavom	Čep reducir
 Nipl	 Redukcioni nipl	 Holender Ž/Ž	 Holender M/Ž

KOVANI PRIKLJUČCI ZA VARENJE			
Koleno 90°	 Koleno 45°	T-komad	Krstasti priključak
 Poluspojnica	 Spojnica	 Kapa	 Redukciona spojnica
 Holender Ž/Ž	 Holender M/Ž	 Tredolet	
 SW Veldolet		 BW Veldolet	