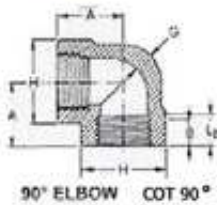


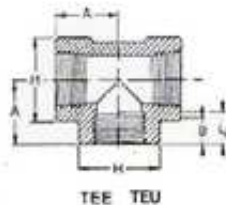
# Fitinguri forjate clasa 2-3-6000 material -A 105

## THREADED FITTINGS - fittinguri filetate



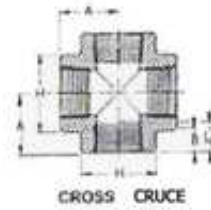
90° ELBOW COT 90°

To ANSI B 1.20.1



TEE TEU

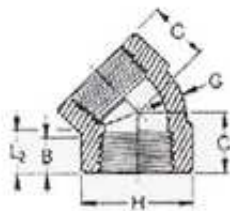
To ANSI B 1.20.1



CROSS CRUCE

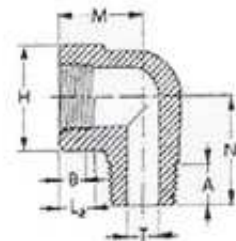
To ANSI B 1.20.1

RATING clasa	inch	NOMINAL PIPE SIZE					Ø DIMENSIUNE						
		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
2000 lb	A	20.6	20.6	24.6	28.5	33.3	38.1	44.5	50.8	60.5	76.2	85.9	106.4
	H	22.4	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	92.0	109.5	146.0
	G	3.2	3.2	3.2	3.2	3.2	3.7	3.9	4.0	4.3	5.6	6.0	6.6
3000 lb	A	20.6	24.6	28.5	33.3	38.1	44.5	50.8	60.5	63.5	82.6	95.3	114.3
	H	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	152.4
	G	3.2	3.3	3.5	4.1	4.3	5.0	5.3	5.6	7.1	7.6	8.8	11.2
6000 lb	A	20.6	28.5	33.3	38.1	44.5	50.8	60.5	76.2	82.6	95.3	106.4	114.3
	H	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	145.0	152.4
	G	6.4	6.6	7.0	8.2	8.5	9.9	10.6	11.1	12.1	15.3	16.6	18.7
THREAD filet NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L <sub>2</sub>	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0



45° ELBOW  
COT 45°

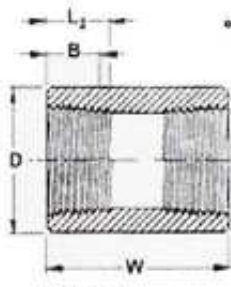
To ANSI B 1.20.1



STREET ELBOW

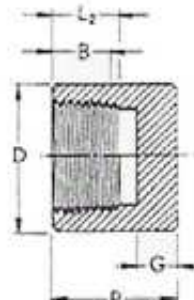
STANDARD DIMENSIONS

RATING clasa	inch	NOMINAL PIPE SIZE					Ø DIMENSIUNI						
		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
2000 lb	C	17.5	17.5	19.0	22.4	25.4	28.5	33.3	35.0	42.9	52.3	63.5	79.2
	H	22.4	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	92.0	109.5	146.0
	G	3.2	3.2	3.2	3.2	3.2	3.7	3.9	4.0	4.3	5.6	6.0	6.6
3000 lb	C	17.5	19.0	22.4	25.4	28.5	33.3	35.0	42.9	43.7	52.3	63.5	79.2
	H	22.4	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	152.4
	G	3.2	3.3	3.5	4.0	4.3	5.0	5.3	5.6	7.1	7.6	8.8	11.2
	M	-	24.6	28.5	33.3	38.1	44.5	50.8	60.5	63.5	-	-	-
	N	-	26.7	32.0	35.3	40.9	50.0	61.0	69.8	82.5	-	-	-
6000 lb	T	-	7.5	10.5	13.5	18.5	23.5	32.0	37.5	48.5	-	-	-
	C	19.0	22.4	25.4	28.5	33.3	35.0	42.9	47.3	52.3	63.5	79.2	79.2
	H	25.4	33.3	38.1	46.0	55.6	62.0	75.4	84.1	101.6	120.6	146.0	152.4
	G	6.4	6.6	7.0	8.2	8.5	9.9	10.6	11.1	12.1	15.3	16.6	18.7
	M	-	28.5	33.3	38.1	44.5	50.8	60.5	63.5	-	-	-	-
THREAD filet NPT	N	-	32.0	35.3	40.9	50.0	61.0	69.8	82.5	-	-	-	-
	T	-	5.5	7.5	10.5	12.5	16.5	24.0	29.5	-	-	-	-
	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7
THREAD filet NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L <sub>2</sub>	6.7	10.2	10.4	13.6	13.9	17.3	17.9	19.4	19.2	28.9	30.5	33.0



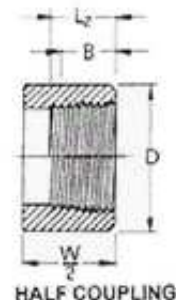
COUPLING  
MUFA

To ANSI B 1.20.1



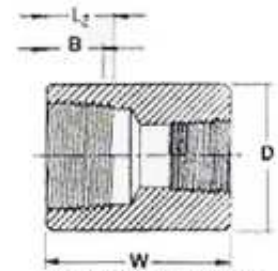
CAP CAPAC

To ANSI B 1.20.1



HALF COUPLING  
MUFA

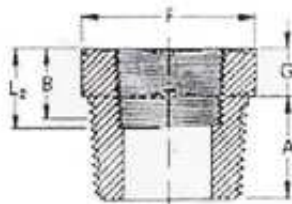
To ANSI B 1.20.1



REDUCING COUPLING  
MUFA REDUSA

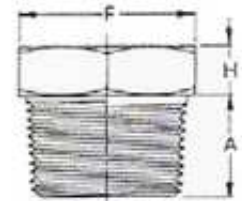
To ANSI B 1.20.1

RATING clasa	inch	NOMINAL PIPE SIZE											Ø DIMENSIUNI	
		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
3000 lb	D	15.7	19.0	22.3	28.5	35.0	44.5	57.1	63.5	76.2	91.9	107.9	139.7	
	W	31.7	35.0	38.1	47.7	50.8	60.4	66.5	79.2	85.8	91.9	107.9	120.6	
	P	19.0	25.4	25.4	31.7	35.8	41.1	44.5	44.5	47.7	60.4	65.0	68.3	
	G	4.8	4.8	4.8	6.3	6.3	9.6	9.6	11.2	12.7	15.7	19.0	22.3	
6000 lb	D	22.3	25.4	31.7	38.1	44.5	57.1	63.5	76.2	91.9	107.9	127.0	158.7	
	W	31.7	35.0	38.1	47.7	50.8	60.4	66.5	79.2	85.8	91.9	107.9	120.6	
	P	-	26.9	26.9	33.3	38.1	42.9	46.0	47.7	50.8	63.5	68.3	74.7	
	G	-	6.3	6.3	7.9	7.9	11.2	11.2	12.7	15.7	19.0	22.3	28.4	
THREAD filet NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7	
	L <sub>2</sub>	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0	



HEX HEAD BUSHING

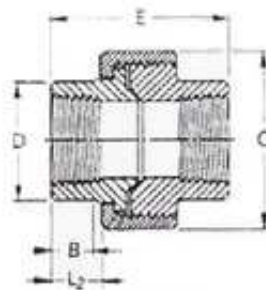
To ANSI B 1.20.1



HEX HEAD PLUG

To ANSI B 1.20.1

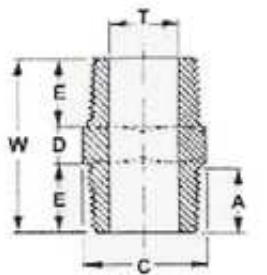
RATING clasa	inch	NOMINAL PIPE SIZE											Ø DIMENSIUNI	
		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
3/6000 lb	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7	
	F	11.0	16.0	17.5	22.0	27.0	35.0	44.5	51.0	63.5	76.0	89.0	117.5	
	G	-	3.0	4.1	4.8	5.6	6.3	7.1	7.8	8.6	9.6	10.4	12.7	
	H	6.3	6.3	7.9	7.9	9.6	9.6	14.2	15.7	17.5	19.0	20.6	31.7	
	I	6.3	6.3	7.9	9.6	11.2	12.7	14.2	15.7	17.5	19.0	20.6	25.4	
THREAD filet NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7	
	L <sub>2</sub>	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0	



UNION HOLENDER

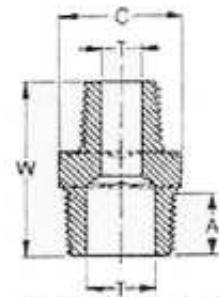
To ANSI B 1.20.1

RATING clasa	inch	NOMINAL PIPE SIZE						Ø DIMENSIUNI					
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 lb	C	35.0	35.0	40.0	46.0	55.5	64.5	78.0	87.0	104.0	124.0	150.0	187.0
	D	14.7	19.1	22.9	27.7	33.5	41.4	50.5	57.1	70.1	85.3	102.4	136.5
	E	41.4	41.4	46.0	49.0	56.9	52.0	71.1	76.5	86.1	118.0	109.0	153.0
6000 lb	C	46.0	46.0	64.5	64.5	87.0	87.0	104.0	124.0	-	-	-	-
	D	27.7	27.7	38.5	41.4	57.2	57.2	70.1	85.3	-	-	-	-
	E	49.0	49.0	62.0	62.0	76.5	76.5	86.1	118.0	-	-	-	-
THREAD fillet NPT	B	6.4	8.1	9.1	10.9	12.7	14.7	17.0	17.8	19.0	23.6	25.9	27.7
	L <sub>2</sub>	6.7	10.2	10.4	13.6	13.9	17.3	17.9	18.4	19.2	28.9	30.5	33.0



HEX NIPPLE  
NIPLU HEXAGONAL

To ANSI B 1.20.1



REDUCING HEX NIPPLE  
NIPLU REDUS HEXAGONAL

To ANSI B 1.20.1

RATING clasa	inch	NOMINAL PIPE SIZE						Ø DIMENSIUNI					
		1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
3000 lb	w	26.0	36.0	40.0	48.0	52.0	60.0	66.0	68.0	71.0	94.0	102.0	110.0
	E	10.0	15.0	16.0	20.0	21.0	25.0	26.0	26.0	27.0	37.0	40.0	43.0
	D	6.0	6.0	8.0	8.0	10.0	10.0	14.0	16.0	17.0	20.0	22.0	24.0
	C	11.0	15.0	18.0	22.0	27.0	35.0	45.0	50.0	62.0	76.0	93.0	119.0
	T	-	8.0	11.0	14.0	19.0	24.0	32.0	38.0	49.0	58.2	73.0	96.0
6000 lb	W	26.0	36.0	40.0	48.0	52.0	60.0	66.0	68.0	71.0	94.0	102.0	110.0
	E	10.0	15.0	16.0	20.0	21.0	25.0	26.0	26.0	27.0	37.0	40.0	43.0
	D	6.0	6.0	8.0	8.0	10.0	10.0	14.0	16.0	17.0	20.0	22.0	24.0
	C	11.0	15.0	18.0	22.0	27.0	35.0	45.0	50.0	62.0	76.0	93.0	119.0
	M	-	25.4	31.7	38.1	44.5	57.1	63.5	76.2	91.9	-	-	-
T	-	6.0	8.0	11.0	13.0	17.0	24.5	30.0	39.0	-	-	-	
THREAD fillet NPT	A	9.6	11.2	12.7	14.2	15.7	19.0	20.6	20.6	22.3	26.9	28.4	31.7

# WEIGHTS TABLE ( unit in grammes ) - tabel greutati ( in Kg )

## THREADED FITTINGS – fittinguri filetate

TYPE /RATING tip / clasa	inch	1/8	1/4	3/8	1/2	3/4	1	1 ¼	1 ½	2	2 ½	3	4
<b>90° ELBOW</b> cot 90°	2000	-	0,095	0,130	0,245	0,295	0,500	0,790	0,935	1,725	2,430	4,445	11,000
	3000	0,095	0,160	0,280	0,385	0,685	1,020	1,200	2,495	2,785	5,145	7,800	14,100
	6000	0,180	0,315	0,420	0,720	1,280	1,605	2,770	3,780	6,100	9,440	17,000	14,100
<b>45° ELBOW</b> cot 45°	2000	-	0,090	0,110	0,205	0,250	0,400	0,650	0,750	1,280	2,750	3,360	9,200
	3000	0,095	0,125	0,250	0,320	0,515	0,935	0,980	1,880	2,310	3,695	5,950	10,000
	6000	0,145	0,270	0,350	0,575	1,035	1,280	2,150	2,970	4,200	7,750	14,100	10,000
<b>TEE</b> teu	2000	-	0,120	0,170	0,305	0,400	0,645	0,980	1,430	1,970	3,000	5,700	12,400
	3000	0,155	0,215	0,370	0,545	0,835	1,370	1,720	3,120	3,410	5,935	9,500	17,500
	6000	0,250	0,430	0,620	0,975	1,590	2,200	3,350	4,675	8,000	13,000	19,200	17,500
<b>REDUCING TEE</b> teu redus	3000	-	0,210	0,370	0,560	0,935	1,550	1,890	3,380	4,100	7,400	12,000	21,300
	6000	-	0,300	0,550	0,800	1,400	2,300	2,800	4,950	6,900	11,500	17,800	32,000
<b>CROSS</b> cruce	2000	-	0,180	0,160	0,330	0,430	0,740	1,150	1,450	2,350	4,650	7,220	15,800
	3000	0,240	0,270	0,410	0,595	0,975	1,635	2,000	3,650	4,950	9,500	12,350	22,200
	6000	0,280	0,480	0,710	1,155	1,800	2,500	4,050	5,150	11,200	14,000	24,750	22,200
<b>STREET ELBOW</b> cot redus	3000	-	0,140	0,220	0,325	0,550	0,910	1,230	1,930	2,200	-	-	-
<b>COUPLING</b> mufe	2/3000	0,040	0,050	0,070	0,140	0,190	0,430	0,690	0,985	1,1405	2,385	2,905	5,510
	6000	0,075	0,105	0,180	0,300	0,460	0,885	1,400	1,915	2,860	3,900	5,200	9,250
<b>REDUCING COUPLING</b> mufe reduce	2/3000	-	0,070	0,080	0,170	0,220	0,475	0,680	1,380	2,045	2,970	4,580	8,250
	6000	-	0,120	0,185	0,345	0,480	1,000	1,620	2,140	3,200	4,400	5,700	10,100
<b>HALF COUPLING</b> mufe	2/3000	0,015	0,025	0,035	0,070	0,100	0,220	0,385	0,570	0,700	1,240	1,525	3,870
	6000	0,025	0,050	0,090	0,165	0,230	0,480	0,680	0,980	1,425	2,000	2,700	4,800
<b>CAP</b> capac	2/3000	0,025	0,045	0,060	0,115	0,175	0,380	0,610	0,845	1,165	1,905	2,775	4,960
	6000	0,045	0,095	0,145	0,240	0,385	0,755	0,920	1,365	2,140	2,900	4,100	7,500
<b>UNION</b> holender	2/3000	0,175	0,160	0,240	0,335	0,520	0,760	1,125	1,565	2,365	5,010	7,500	15,500
	6000	-	0,370	0,400	0,870	1,575	2,100	1,900	3,085	6,500	-	-	-
<b>HEX H. PLUG</b> dop cap rotund	3/6000	0,015	0,030	0,045	0,075	0,130	0,230	0,450	0,585	0,980	1,800	2,540	5,095
<b>HEX NIPPLE</b> niplu hexagonal	3000	0,015	0,030	0,045	0,075	0,105	0,205	0,325	0,400	0,640	1,020	1,650	2,755
	6000	0,020	0,040	0,055	0,090	0,165	0,300	0,460	0,655	1,020	1,700	2,100	4,645
<b>REDUCING HEX NIPPLE</b> niplu hexagonal redus	3000	-	0,030	0,050	0,060	0,110	0,225	0,320	0,415	0,635	1,270	2,060	3,440
	6000	-	0,035	0,055	0,095	0,140	0,305	0,420	0,635	0,910	1,680	2,750	4,500
<b>HEX H. BUSHING</b> dop cap hexagonal	3/6000	-	0,015	0,020	0,040	0,050	0,115	0,310	0,375	0,780	0,940	1,730	4,300
<b>PIPE NIPPLE</b> L=100	STD	0,030	0,060	0,080	0,120	0,140	0,230	0,330	0,465	0,520	0,840	1,210	1,350
	XS	0,040	0,075	0,105	0,150	0,200	0,260	0,365	0,490	0,665	1,010	1,225	2,000
	160	-	-	-	0,180	0,270	0,350	0,540	0,660	1,070	1,400	2,050	3,335
	XXS	-	-	-	0,240	0,345	0,500	0,770	0,885	1,285	1,900	2,600	4,000
	MM	6	8	10	15	20	25	32	40	50	65	80	100