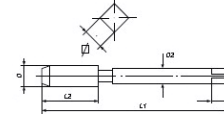
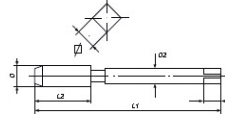




**MACHOS ROSCAR BSP BSPF**

**JOGOS 2 MACHOS DIREITOS HSS BSP – REF: 2?BSP--**

**JG. 2/3 MACHOS DIREITOS HSSE BSP/BSPF – REF: 2FBSP--**

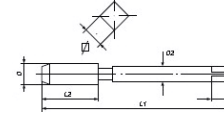
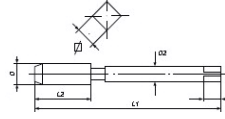


medida	L1	L2	D2	□
G 1/8 x 28	63	20	7	5.5
G 1/4 x 19	70	22	11	9.0
G 3/8 x 19	70	22	12	9.0
G 1/2 x 14	80	22	16	12.0
G 5/8 x 14	80	22	18	14.5
G 3/4 x 14	90	22	20	16.0
G 7/8 x 14	90	22	22	18.0
G 1" x 11	100	25	25	20.0
G 1.1/8 x 11	125	40	28	22.0
G 1.1/4 x 11	125	40	32	24.0
G 1.3/8 x 11	140	40	36	29.0
G 1.1/2 x 11	140	40	36	29.0
G 1.5/8 x 11	140	40	40	32.0
G 1.3/4 x 11	140	40	40	32.0
G 2" x 11	160	40	45	35.0
G 2.1/4 x 11	160	40	50	39.0
G 2.1/2 x 11	160	40	50	39.0
G 2.3/4 x 11	160	40	50	39.0
G 3" x 11	160	40	50	39.0
G 3.1/2 x 11	180	45	56	44.0
G 4" x 11	180	45	56	44.0

medida	L1	L2	D2	□
G 1/8 x 28	63	20	7	5.5
G 1/4 x 19	70	22	11	9.0
G 3/8 x 19	70	22	12	9.0
G 1/2 x 14	80	22	16	12.0
G 5/8 x 14	80	22	18	14.5
G 3/4 x 14	90	22	20	16.0
G 7/8 x 14	90	22	22	18.0
G 1" x 11	100	25	25	20.0
G 1.1/8 x 11	125	40	28	22.0
G 1.1/4 x 11	125	40	32	24.0
G 1.3/8 x 11	140	40	36	29.0
G 1.1/2 x 11	140	40	36	29.0
G 1.5/8 x 11	140	40	40	32.0
G 1.3/4 x 11	140	40	40	32.0
G 2" x 11	160	40	45	35.0
G 2.1/4 x 11	160	40	50	39.0
G 2.1/2 x 11	160	40	50	39.0
G 2.3/4 x 11	160	40	50	39.0
G 3" x 11	160	40	50	39.0
G 3.1/2 x 11	180	45	56	44.0
G 4" x 11	180	45	56	44.0

**JOGOS 2 MACHOS ESQUERDOS HSS BSP – REF: 2?BSPL--**

**JOGOS 2 MACHOS ESQUERDOS HSSE BSP – REF: 2?BSPEL--**



medida	L1	L2	D2	□
G 1/8 x 28	63	20	7.0	5.5
G 1/4 x 19	70	22	11.0	9.0
G 3/8 x 19	70	22	12.0	9.0
G 1/2 x 14	80	22	16.0	12.0
G 5/8 x 14	80	22	18.0	14.5
G 3/4 x 14	90	22	20.0	16.0
G 1" x 11	100	25	25.0	20.0
G 1.1/8 x 11	125	40	28.0	22.0
G 1.1/4 x 11	125	40	32.0	24.0
G 1.3/8 x 11	140	40	36.0	29.0
G 1.1/2 x 11	140	40	36.0	29.0
G 1.3/4 x 11	140	40	40.0	32.0
G 2" x 11	160	40	45.0	35.0

medida	L1	L2	D2	□
G 1/8 x 28	63	20	7.0	5.5
G 1/4 x 19	70	22	11.0	9.0
G 3/8 x 19	70	22	12.0	9.0
G 1/2 x 14	80	22	16.0	12.0
G 5/8 x 14	80	22	18.0	14.5
G 3/4 x 14	90	22	20.0	16.0
G 1" x 11	100	25	25.0	20.0
G 1.1/8 x 11	125	40	28.0	22.0
G 1.1/4 x 11	125	40	32.0	24.0
G 1.3/8 x 11	140	40	36.0	29.0
G 1.1/2 x 11	140	40	36.0	29.0
G 1.3/4 x 11	140	40	40.0	32.0
G 2" x 11	160	40	45.0	35.0

**CAÇONETES BSP**

**Direitos HSS**

**Esquerdos HSS**

**HSSE**

**SEXTAVADOS**



Favor baixar  
3JC3

MACHO MAQUINA BSP DIN-5156

HSSE DIN-5156															
<b>Zastosowanie / Application / Einsatzgebiete</b>											INOX	INOX	INOX	GG	Ms
<b>Material obrabiany / Material / Werkstoff</b>											M2,2	M2,2	M2,1-M2,2	K3,1-K3,3	N4,6, N4,9
<b>Rodzaj materiału / Quality of material / Qualität</b>											HSSE	HSSE	HSSE	HSSE	HSSE
<b>Typ otworu / Hole type / Lochform</b>															
<b>Wykonanie / Execution / Ausführung</b>											B	R40	R40		
<b>Rodzaj powłoki / Coating / Beschichtung</b>													TIN	TIAIN	
<b>Nakrój / Chamfer / Anschnitt</b>											B / 4-5P	C / 2-3P	C / 2-3P	C / 2-3P	E / 1P
<b>Tolerancja / Tolerance / Toleranz</b>															
G	Ød <sub>1</sub>	1°/P	P	l <sub>1</sub>	l <sub>2</sub>	l <sub>2</sub> R40	Ød <sub>2</sub>	a		INDEX	D2-111801	D2-511801	D2-513801	D2-124501	D2-141401
G-1/16"	7,723	28	0,907	90	17	10	6	4,9	6,7	3121	o	o	o	o	o
G-1/8"	9,728	28	0,907	90	18	10	7	5,5	8,8	3123	o	o	o	o	o
G-1/4"	13,157	19	1,337	100	22	14	11	9	11,8	3127	•	•	•	•	•
G-3/8"	16,662	19	1,337	100	22	15	12	9	15,25	3129	•	•	•	•	•
G-1/2"	20,955	14	1,814	125	25	17	16	12	19	3131	•	•	•	•	•
G-5/8"	22,911	14	1,814	125	25	17	18	14,5	21	3133	o	o	o	o	o
G-3/4"	26,441	14	1,814	140	28	20	20	16	24,5	3135	•	•	•	•	•
G-7/8"	30,201	14	1,814	150	28	22	22	18	28,25	3137	•	•	•	•	•
G-1"	33,249	11	2,309	160	30	24	25	20	30,75	3139	•	•	•	•	•
G-1.1/8"	37,907	11	2,309	170	34	24	28	22	35,5	3141	o	o	o	o	o
G-1.1/4"	41,910	11	2,309	170	30	25	32	24	39,5	3143	o	o	o	o	o
G-1.1/2"	47,800	11	2,309	190	32	-	36	29	45,25	3147	o	o	o	o	o
G-1.3/4"	53,756	11	2,309	190	36	-	40	32	51	3151	o	o	o	o	o
G-2"	59,614	11	2,309	220	40	-	45	35	57	3155	o	o	o	o	o

MACHO BSP DIN-5156 - ESMAGAMENTO

MACHO BSP PARA FAZER PORCAS

HSSE DIN-5156															
<b>Zastosowanie / Application / Einsatzgebiete</b>											WGN				
<b>Material obrabiany / Material / Werkstoff</b>											P1,1-P1,3,M2,2 N4,2, N4,5				
<b>Rodzaj materiału / Quality of material / Qualität</b>											HSSE				
<b>Typ otworu / Hole type / Lochform</b>															
<b>Wykonanie / Execution / Ausführung</b>											SR				
<b>Rodzaj powłoki / Coating / Beschichtung</b>											TIN				
<b>Nakrój / Chamfer / Anschnitt</b>											C / 2-3P				
<b>Tolerancja / Tolerance / Toleranz</b>											-X				
G	Ød <sub>1</sub>	1°/P	P	l <sub>1</sub>	l <sub>2</sub>	Ød <sub>2</sub>	a		INDEX	D2-823105					
G-1/8"	9,728	28	0,907	90	13	7	5,5	9,2	3123	o					
G-1/4"	13,157	19	1,337	100	16	11	9	12,4	3127	•					
G-3/8"	16,662	19	1,337	100	16	12	9	15,9	3129	•					
G-1/2"	20,955	14	1,814	125	18	16	12	19,9	3131	•					
G-5/8"	22,911	14	1,814	125	20	18	14,5	21,9	3133	o					
G-3/4"	26,441	14	1,814	140	22	20	16	25,4	3135	•					

HSS NGRf															
<b>Material obrabiany / Material / Werkstoff</b>											P1,2-P1,4				
<b>Rodzaj materiału / Quality of material / Qualität</b>											HSS				
<b>Typ otworu / Hole type / Lochform</b>															
<b>Wykonanie / Execution / Ausführung</b>											~12P				
<b>Nakrój / Chamfer / Anschnitt</b>											~12P				
<b>Tolerancja / Tolerance / Toleranz</b>															
G	Ød <sub>1</sub>	1°/P	P	l <sub>1</sub>	l <sub>2</sub>	Ød <sub>2</sub>	a		INDEX	F1-151001					
G-1/16"	7,723	28	0,907	140	20	5,6	4,5	6,7	3121	o					
G-1/8"	9,738	28	0,907	140	20	8	6,3	8,8	3123	o					
G-1/4"	13,167	19	1,337	180	30	10	8	11,8	3127	•					
G-3/8"	16,662	19	1,337	200	30	12,5	10	15,25	3129	•					
G-1/2"	20,965	14	1,814	220	40	16	12,5	19	3131	•					
G-5/8"	22,911	14	1,814	220	40	18	14	21	3133	o					
G-3/4"	26,441	14	1,814	250	40	20	16	24	3135	•					
G-7/8"	30,201	14	1,814	280	40	22,4	18	28,25	3137	•					
G-1"	33,259	11	2,309	280	60	25	20	30,75	3139	•					
G-1.1/8"	37,907	11	2,309	280	60	28	22,4	35,5	3141	o					
G-1.1/4"	41,910	11	2,309	280	60	31,5	25	39,5	3143	o					
G-1.3/8"	44,323	11	2,309	280	60	31,5	25	42	3145	o					
G-1.1/2"	47,803	11	2,309	280	60	35,5	28	45	3147	o					
G-1.3/4"	53,756	11	2,309	280	60	35,5	28	51	3151	o					
G-2"	59,614	11	2,309	280	60	40	31,5	57	3155	o					

# Short Machine Taps and Hexagon Die Nuts

## RC (BSPT)

Whitworth tapered pipe thread  
DIN 2999

## RP (BSPP)

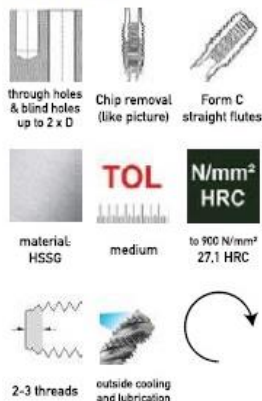
British standard whitworth pipe thread  
ISO 7-1

Efficient internal thread cutting.  
The short structural type makes that tap usable by machine and hand.

Application:  
non abrasive material up to 900 N/mm<sup>2</sup>  
unalloyed and low alloyed steel

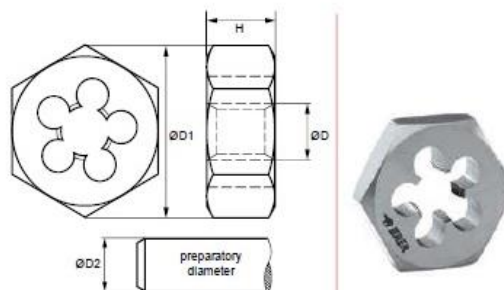
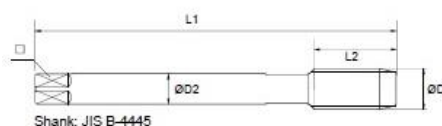
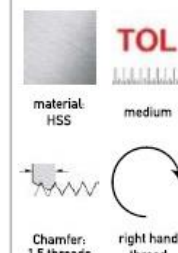
### Short Machine Taps

Form C for through holes and blind holes



### Hexagon Die Nuts

for general use



RC(BSPT)	D1	D2	L1	L2	□	☑	No.
RC 1/16 x 28	7,72	8,0	55	17,5	6,0	6,30	
RC 1/8 x 28	9,73	8,0	55	19	6,0	8,30	270101001
RC 1/4 x 19	13,16	11,0	62	28	9,0	11,10	270101002
RC 3/8 x 19	16,66	14,0	65	28	11,0	14,50	270101003
RC 1/2 x 14	20,95	18,0	80	35	14,0	18,10	270101004
RC 3/4 x 14	26,44	23,0	85	35	17,0	23,50	270101005
RC 1" x 11	33,25	26,0	95	45	21,0	29,50	270101006
RC 1.1/4 x 11	41,91	32,0	105	45	26,0	38,25	
RC 1.1/2 x 11	47,80	38,0	110	45	29,0	44,25	
RC 2" x 11	59,61	46,0	120	50	35,0	56,00	

R (BSPT)	D	D1	H	No.
R 1/8 x 28	9,73	27	11	271501001
R 1/4 x 19	13,16	36	14	271501002
R 3/8 x 19	16,66	41	15	271501003
R 1/2 x 14	20,95	50	19	271501004
R 3/4 x 14	26,44	60	20	271501005
R 1" x 11	33,25	60	25	271501006
R 1.1/4 x 11	41,91	85	26	271501007
R 1.1/2 x 11	47,80	85	26	271501008
R 2" x 11	59,61	100	31	271501009

Diámetro nominal D	L 1	L 2	D 2	☑
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#### ranuras rectas/HT canal reto

PS 1/16 x 28	55	19	6.5	5.0
PS 1/8 x 28	55	19	8.0	6.0
PS 1/4 x 19	62	28	11.0	9.0
PS 3/8 x 19	65	28	14.0	11.0
PS 1/2 x 14	80	35	18.0	14.0
PS 3/4 x 14	85	35	23.0	17.0
PS 1" x 11	95	45	26.0	21.0
PS 1.1/4 x 11	105	45	32.0	26.0
PS 1.1/2 x 11	110	45	38.0	29.0
PS 2" x 11	120	50	46.0	35.0

#### SP Helic 35°

PS 1/16 x 28	55	19	6.5	5.0
PS 1/8 x 28	55	19	8.0	6.0
PS 1/4 x 19	62	28	11.0	9.0
PS 3/8 x 19	65	28	14.0	11.0
PS 1/2 x 14	80	35	18.0	14.0
PS 3/4 x 14	85	35	23.0	17.0
PS 1" x 11	95	45	26.0	21.0
PS 1.1/4 x 11	105	45	32.0	26.0
PS 1.1/2 x 11	110	45	38.0	29.0
PS 2" x 11	120	50	46.0	35.0

