

JIS TAPS JAPANESE INDUSTRIAL STANDARD B4430

Matching tools will successfully reduce your working time in mass production. We offer you a tool to reduce costs in a **wide range of materials to be used in blank version or alternatively with high quality TIN coating.**
The Neoboss multi-purpose taps ...



Rapid

Art.-No. 7265/JIS
Art.-No. 7275/JIS

Grulo

Art.-No. 4345/JIS
Art.-No. 6345/JIS

Your advantages:

- universal application for a wide range of materials
- lower storage costs

... make the most of it – TIN coated!

- extended tool life
- a banner cost/performance ratio

Neoboss – Range of Products

- metric ISO coarse thread
- metric ISO fine thread (on request)
- other standards and special taps on request (UNC, UNF, BSW, G ...)



For different materials use different cutting speeds

Categories of materials	Group of materials	Examples	Cutting speed v_c
Non-alloy steels Tensile strength < 800 N/mm ²	Building steels Carbon steels Machining steels Hardened steels	St37-3, St60-2 C10, C35 9S20, 9SMn28 13Cr3, 16MnCr5	10 - 20 (m/min)
Non-alloy steels Tensile strength < 1000 N/mm ²	Building steels Tempering steels Hardened steels	Ck45, Ck60 C45, 42CrMo4 Ck15, 16MnCr5	10 - 20 (m/min)
Corrosion-resistant and acid-resistant steels	Normal alloy High alloy	X20Cr13, X30Cr13, X5CrNi18 9 X5CrNiMo17 12 2	6 - 10 (m/min)
Alloyed steels	Tool steels for cold work for hot work High-speed steels	X155CrVMo12 1 X50CrMoW9 11 X40CrMoV5 1 S6-5-2-5, S2-10-1-8	6 - 10(m/min)
Copper Copper alloys	Non-alloy copper Ms long-chipping Soft bronze	SF-Cu CuZn37 G-CuSn6ZnNi	10 - 30 (m/min)
Copper alloys Aluminium alloys	Hard bronze Al alloys Al special alloys	G-CuAl10Ni, CuSn6Zn6 G-AlSi12, GD-AlSi12 (Cu) AlMgSi0,5	10 - 30(m/min)

Dimensions JIS tools

	d_1	P (mm)	l_1	l_2	l_3	d_2
7265/JS Rapid	M3	0,50	46,00	10,00	18,00	4,00
	M4	0,70	52,00	12,00	21,00	5,00
	M5	0,80	60,00	16,00	27,00	5,50
	M6	1,00	62,00	19,00	30,00	6,00
7275/JS Rapid	M8	1,25	70,00	22,00	-	6,20
	M10	1,50	75,00	24,00	-	7,00
	M12	1,75	82,00	29,00	-	8,50
	M14	2,00	88,00	30,00	-	10,50
	M16	2,00	95,00	32,00	-	12,50
4345/JS Grulo	M3	0,50	46,00	7,00	18,00	4,00
	M4	0,70	52,00	8,00	21,00	5,00
	M5	0,80	60,00	10,00	27,00	5,50
	M6	1,00	62,00	12,00	30,00	6,00
6345/JS Grulo	M8	1,25	70,00	15,00	-	6,20
	M10	1,50	75,00	18,00	-	7,00
	M12	1,75	82,00	21,00	-	8,50
	M14	2,00	88,00	24,00	-	10,50
	M16	2,00	95,00	24,00	-	12,50

