



Dear all,

In Japan, November 7th is called "Ritto".

From this day, it will be winter on the calendar.

In old Japan, it seems that the seasons were divided into 24 instead of 4. *Ritto* is one of them, which means "the day when winter begins".

Around this time, the cold north wind called "Kogarashi" blows, and the zelkova trees begin to color.

At this time of year, some people are prone to catch colds, 



## Kinro-kansha no hi (Labor Thanksgiving Day)

Labor Thanksgiving Day, which falls on November 23rd, is a national holiday when Japanese people show their gratitude for each other for their labor and celebrate the year's production.

Labor Thanksgiving Day originates from a ceremony named "shinjosai" or "niinamesai\*". This ceremony is held at the Imperial Court for the Emperor to offer new rice to the gods of heaven and earth. The Emperor also eats the new rice at the ceremony. This ceremony was held on the day of u in ancient times when the lunar calendar was used, and has been performed on November 23rd since 1873.

The feast day for people to give their thanks for the rice production and celebrate the rice crop of the year is now Labor Thanksgiving Day.

Rice is the main staple of the Japanese diet, and so the labor to produce rice can represent many different kinds of labor in Japan.

\*Niinamesai: The Niinamesai is a ceremony in which the emperor offers gratitude to the new grains harvested that year and eats them as a gift from God.





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# This time, we will inform you of the delivery date list of Murata type tools. We will also attach an attached file, so please refer to that as well.

\*The delivery dates listed are all working days (except Saturdays and Sundays) except the day when all orders are placed.

#### <Murata 114 > Standard Delivery

Shape			60.0	0.05	SD.	WD.	Comer radius	Shape	(I to IV)
Spec.	Roo	und	SQ,OB,RE			RE with R	(CR)	(depend of	on shape)
	11	14	11	14	1	14	114	11	14
Tool type	D2	HSS	D2	HSS	D2	HSS	HSS	D2	HSS
Size					No Option				
Α	1	1	-	-	-	-	-	-	-
В	1	3	1	3	2	3	2~4	2~3	2~4
С	1	3	1	3	2	3	4	2~3	4
D	2	3	2	3	2	3	4	3	4
E	2	3	2	3	2	3	4	3	4
F	2	3	2	3	2	3	4	3	4
G H	2	3	2	3	2	3	4	3	4
J	2 2	3	2 2	3	2 2	3	4	3	4
Size	_				o Hard Punch (C				
A	-	1	-	-	- Hard Punch (c	-	-	-	-
В	-	3	-	3	-	3	2~4	-	2~4
С	-	3	-	3	-	3	4	-	4
D	-	3	-	3	-	3	4	-	4
E	-	3	-	3	-	3	4	-	4
F	-	3	-	3	-	3	4	-	4
G	-	3	-	3	-	3	4	-	4
Н	-	3	-	3	-	3	4	-	4
J	-	3	-	3	-	3	4	-	4
Size				Conic I	ong Life Punch	(CLP)			
Α	-	6	-	-	-	-	-	-	-
В	-	8	-	9	-	9	9	-	7~9
С	-	8	-	8	-	8	9	-	9
D	-	8	-	8	-	8	9	-	9
E	-	8	-	8	-	8	9	-	9
F	-	8	-	- 8	-	8	9	-	9
G	-	8	-	8	-	8	9	-	9
н	-	8	-	8 8	-	8 8	9	-	9
J		8	-				я	-	9
Size		2		_	or Dry Punch (S				
A	-	3 5	-	- 6	-	-	-	-	-
B C		5		6			-		
D	_	5	-	6	-	_	-	-	-
E	_	5	_	6	_	_	-	-	_
F	_	5		6	_	_	-		_
G	-	5	-	6	-	-	-	-	-
	_	5	-	6	-	-	-	-	-
H				-		1			

#### [Standard Stock]

We have following tools as standard stock

	D"	Size	RE 5×40(no shear angle), RE 10×40(no shear angle)
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#### <Murata type Punching Tool> Standard delivery

shape Spec.	Ro	und	SQ,0	B,RE		WD • •RE with R	Comer radius (CR)		pe (I to IV) nd on shape)
	Vu	lan	Vul	lan	Vu	lan	Vulcan	,	Vulcan
Tool type	D2	HSS	D2	HSS	D2	HSS	HSS	D2	HSS
Size					No option	1			
X	-	1	-	-	-	-	-	-	-
AB	-	1	-	1	-	4	4	-	2~4
С	-	3	-	4	-	4	4	-	4
D	-	3	-	4	-	4	4	-	4
E	-	3	-	4	-	4	4	-	4
F	-	3	-	4	-	4	4	-	4
G H		3		4	_	4	4		4
J	-	3	-	4	-	4	4	-	4
=		•			onio Hard Puno		-		•
Size X	_	1	_	-	onic Hard Punc	n (CHP)	_		_
AB	-	1	-	1	-	4	4	-	2~4
0	-	3	-	4	-	4	4	-	4
D	-	3	-	4	-	4	4	-	4
E	-	3	-	4	-	4	4	-	4
F	-	3	-	4	-	4	4	-	4
G	-	3	-	4	-	4	4	-	4
Н	-	3	-	4	-	4	4	-	4
J	-	3	-	4	-	4	4	-	4
Size				Cor	io long Life Pur	nah (CLP)			
X	-	8	-	-	-	-	-	-	-
AB	-	6	-	6	-	9	9	-	9
С	-	8	-	9	-	9	9	-	9
D	-	8	-	9	-	9	9	-	9
E	-	8	-	9	-	9	9	-	9
F	-	8	-	9	-	9	9	-	9
G	-	8	-	9	-	9	9	-	9
H J	-	8	-	9	-	9	9	-	9
=		0					9		8
Size X		-		- 8	Super Dry Punci	h (SDP)			
AB	-	5	-	6	-	-	-	-	-
C		5	_	6		-	-		-
D	-	5	-	6	-	-	-		_
E	_	5	-	6	_	-	-	-	-
F	-	5	-	6	-	-	-	-	-
G	-	5	-	6	-	-	-	-	-
н	-	5	-	6	-	-	-	-	-
J	-	5	-	6	-	-	-	-	-

### <Murata Forming tool set > Stnadard delivery date

#### delivery days shows order comes before 15:00 Japan time. Please add those days.

Size	114	Vulcan	Forming direction	Tool name	Specification	Delivery
Burring for ta	ppng					
С	0		Down	Down burring	One step	5
С	0		Up	Up burring	Two steps	5
Non-thicknes	s adjustm	ent type				
В	0		Down	Down Center punch	Non thickness adjust	5
В	0		Up	UP Center punch	Non thickness adjust	3
Up forming ro	und shape	,				
В	0					4
C~D	0			Countersink (Chamfering)		5
E~J	0					6
B C∼D	0			Bound shows form		5
E~J	ŏ			Round shape form		6
В	ŏ					4
C~D	0			Half punch		5
E∼J	0					6
В	0		Up			4
C~D	0			Emboss		5 6
E~J B	0					4
C~D	ŏ			Emboss punch		5
E~J	ŏ					6
В	0					1
C~D	0			Burring		5
E~J	0					6
C	0			Knock out	with 2 conneting points	- 6 7
D∼J UP forming w	O -b					/
	0	ape		T	T	6
C D∼J	0			Half punch		7
c	ŏ					6
D~J	0			Half punch with radius		7
С	0			Knock out		6
D~J	0			Tarout out		7
C D∼J	0			Emboss		- 6 7
C	ő		Up			6
D∼J	ő			Single bridge		7
С	ŏ			Demois		6
D∼J	0			Burring		7
С	0			Louver		6
D∼J	0					7
C	0			Lance		6
D~J	0					7
Down forming		ape				
C~J	0			Countersink (Chamfering)		4
	_	0				5
C~J	0	0		Round shape form		- 4 5
	0					4
A~C		0				5
-	0					5
D		0		Half punch		5
E~J	0					4
EJ		0				5

A~C	0					4
	_	0				5
D	0	0		Emboss		5 5
	0	-				4
E~J		0				5
	0		Down			4
A~C		0				5
D	0			E-phase sumph		5
		0		Emboss punch		5
E∼J	0					4
L0		0				5
A~C	0					4
		0				5
D	0			Burring		5
	_	0				5
E~J	0	0				4 5
	0	0				5
B~C		0				6
	0			Knock out	with 2 conneting points	6
D~J		0				6
Down forming	with SO					
	_			<u> </u>	1	5
B∼C	0					5
		0		Half punch		6
B∼C D∼J	0	0		Half punch		6
D∼J	0			Half punch		6 6 6
		0				6
D~J B~C	0	0		Half punch Half punch with radius		6 6 6 5
D∼J	0	0				6 6 6 5
D~J B~C D~J	0	0 0				6 6 5 6 6 6
D~J B~C	0 0	0 0				6 6 6 5 6 6 6 7
D~J B~C D~J	0	0 0		Half punch with radius		6 6 5 6 6 6 7
D~J  B~C  D~J  B~C	0 0	0 0	Down	Half punch with radius		6 6 6 5 6 6 6 7
D~J  B~C  D~J  B~C	0 0	0 0 0	Down	Half punch with radius		6 6 6 5 6 6 6 7 6
D~J  B~C  D~J  B~C  D~J  B~C	0 0 0	0 0	Down	Half punch with radius		6 6 6 5 6 6 6 7 6 7
D~J  B~C  D~J  B~C  D~J	0 0	0 0 0 0	Down	Half punch with radius  Knock out		6 6 6 5 6 6 6 7 6 7 6
D~J  B~C  D~J  B~C  D~J  B~C	0 0 0	0 0 0	Down	Half punch with radius  Knock out		6 6 6 5 6 6 6 7 6 7 6 6 6
D~J  B~C  D~J  B~C  D~J  B~C	0 0 0	0 0 0 0 0	Down	Half punch with radius  Knock out  Emboss		6 6 6 5 6 6 7 6 7 5 6 6 6
D~J  B~C  D~J  B~C  D~J  B~C  D~J  B~C	0 0 0 0 0	0 0 0 0	Down	Half punch with radius  Knock out		6 6 6 5 6 6 6 7 6 7 6 6 6
D~J  B~C  D~J  B~C  D~J  B~C	0 0 0	0 0 0 0 0	Down	Half punch with radius  Knock out  Emboss		6 6 6 5 6 6 6 7 7 6 7 5 6 6 6
D~J  B~C  D~J  B~C  D~J  B~C  D~J  B~C	0 0 0 0 0	0 0 0 0 0	Down	Half punch with radius  Knock out  Emboss		6 6 6 5 6 6 6 7 7 6 7 5 6 6 6 6
D~J  B~C  D~J  B~C  D~J  B~C  D~J  B~C	0 0 0 0 0 0 0	0 0 0 0 0	Down	Half punch with radius  Knock out  Emboss  Burring		6 6 6 5 6 6 6 7 7 5 6 6 6 6 6 6
D~J  B~C  D~J  B~C  D~J  B~C  D~J  B~C	0 0 0 0 0 0 0	0 0 0 0 0 0	Down	Half punch with radius  Knock out  Emboss		6 6 5 6 6 6 7 7 5 6 6 6 6 6 6