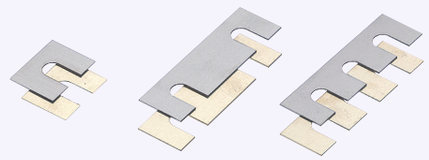
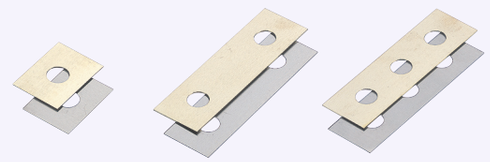
Square Shims

Slotted Hole / Round Hole

■Slotted



■Round Hole

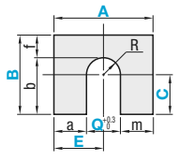


RoHS

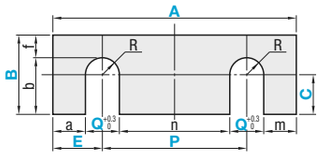
Part Number			Material	Hardness	Thickness (T) Tolerance							
One Slot	Two Slots	Three Slots			0.05	0.1	0.2	0.3	0.5	1.0	2.0	3.0
ASAFR	ASFFR	ASCFR	EN 1.0330 Equiv.	-	-	±0.03		±0.04	±0.06	±0.11	±0.17	-
ASAFB	ASFFB	ASCFB	Brass (EN CW505L Equiv. or EN CW507L Equiv.)	-	±0.005	±0.02	±0.03	±0.04	±0.05	±0.08	±0.12	±0.15
ASAFS	ASFFS	ASCFS	T=0.05~1.0 EN 1.4301 Equiv. T=2.0, 3.0 EN 1.4301 Equiv.	370~430HV -	±0.005	±0.02	±0.03	±0.035	±0.04	±0.05	±0.20	±0.25

Machining Conditions of Slotted Hole Type
- f≥3
- a≥3
- m≥3
- n≥3

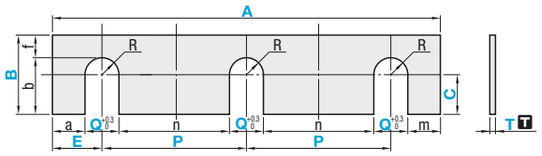
One Slot



Two Slots



Three Slots



Part Number				1mm Increment		Selection	0.1mm Increment			
Type				A	B	T	Q	E	C	P
One Hole	EN 1.0330 Equiv. ASAFR	Brass ASAFB	EN 1.4301 Equiv.(H) ASAFS	10~150	10~150	(0.05) 0.1 0.2 0.3 0.5 1.0 2.0 (3.0)	3~31	Q/2+3~	0 ~ B-(Q/2+3)	For One Hole Type, specification is not necessary.
Two Holes	ASFFR	ASFFB	ASFFS	16~200	10~200					Q+3~
Three Holes	ASCFR	ASCFB	ASCFS							

EN 1.0330 Equiv. is not available for T(0.05) and T(3.0).

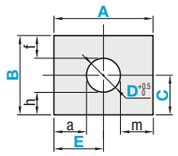
Ordering Example

Part Number	-	A	-	B	-	T	-	Q	-	E	-	C	-	P
ASFFB	-	A100	-	B25	-	T1.0	-	Q12	-	E15	-	C12	-	P70

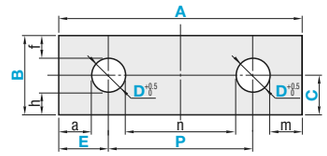
Part Number			Material	Hardness	Thickness (T) Tolerance							
One Round Hole	Two Round Holes	Three Round Holes			0.05	0.1	0.2	0.3	0.5	1.0	2.0	3.0
ASACR	ASFCR	ASCCR	EN 1.0330 Equiv.	-	-	±0.03		±0.04	±0.06	±0.11	±0.17	-
ASACB	ASFCB	ASCCB	Brass (EN CW505L Equiv. or EN CW507L Equiv.)	-	±0.005	±0.02	±0.03	±0.04	±0.05	±0.08	±0.12	±0.15
ASACS	ASFCS	ASCCS	T=0.05~1.0 EN 1.4301 Equiv. T=2.0, 3.0 EN 1.4301 Equiv.	370~430HV -	±0.005	±0.02	±0.03	±0.035	±0.04	±0.05	±0.20	±0.25

Machining Conditions of Round Hole Type
- f ≥2
- a≥2
- m≥2
- n≥2
- h≥2

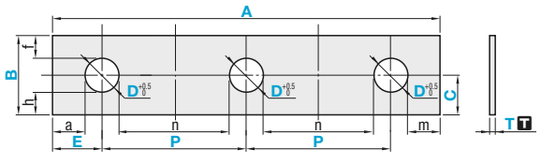
One Round Hole



Two Round Holes



Three Round Holes



Part Number				1mm Increment		Selection	0.1mm Increment			
Type				A	B	T	D	E	C	P
One Hole	EN 1.0330 Equiv. ASACR	Brass ASACB	EN 1.4301 Equiv.(H) ASACS	10~150	10~150	(0.05) 0.1 0.2 0.3 0.5 1.0 2.0 (3.0)	3~100	D/2+2~	D/2+2 ~ B-(D/2+2)	For One Hole Type, specification is not necessary.
Two Holes	ASFCR	ASFCB	ASFCS	15~200	10~200					D+2~
Three Holes	ASCCR	ASCCB	ASCCS							

EN 1.0330 Equiv. is not available for T(0.05) and T(3.0).

Ordering Example

Part Number	-	A	-	B	-	T	-	D	-	E	-	C	-	P
ASACR	-	A50	-	B25	-	T0.1	-	D7.5	-	E25	-	C11		
ASCCS	-	A120	-	B15	-	T3.0	-	D10	-	E15	-	C7	-	P45

■One Slot / One Round Hole

A	B	Unit Price										
		ASAFR, ASACR			ASAFB, ASACB				ASAFS, ASACS			
		T0.1~0.5	T1.0	T2.0	T0.05	T0.1~0.5	T1.0	T2.0~3.0	T0.05	T0.1~0.5	T1.0	T2.0~3.0
10~50	10~ 50											
	51~100											
	101~150											
51~70	10~ 50											
	51~100											
	101~150											
71~100	10~ 50											
	51~100											
	101~150											
101~130	10~ 50											
	51~100											
	101~150											
131~150	10~ 50											
	51~100											
	101~150											

■Two Slots / Two Round Holes

A	B	Unit Price										
		ASFFR, ASFCR			ASFFB, ASFCB				ASFFS, ASFCS			
		T0.1~0.5	T1.0	T2.0	T0.05	T0.1~0.5	T1.0	T2.0~3.0	T0.05	T0.1~0.5	T1.0	T2.0~3.0
15~ 50	10~ 50											
	51~100											
	101~150											
51~ 70	10~ 50											
	51~100											
	101~150											
71~100	10~ 50											
	51~100											
	101~150											
101~130	10~ 50											
	51~100											
	101~150											
131~150	10~ 50											
	51~100											
	101~150											
151~200	10~ 50											
	51~100											
	101~150											
	151~200											

■Three Slots / Three Round Holes

A	B	Unit Price										
		ASCFR, ASCCR			ASCFB, ASCCB				ASCFS, ASCCS			
		T0.1~0.5	T1.0	T2.0	T0.05	T0.1~0.5	T1.0	T2.0~3.0	T0.05	T0.1~0.5	T1.0	T2.0~3.0
15~ 50	10~ 50											
	51~100											
	101~150											
51~ 70	10~ 50											
	51~100											
	101~150											
71~100	10~ 50											
	51~100											
	101~150											
101~130	10~ 50											
	51~100											
	101~150											
131~150	10~ 50											
	51~100											
	101~150											
151~200	10~ 50											
	51~100											
	101~150											
	151~200											