

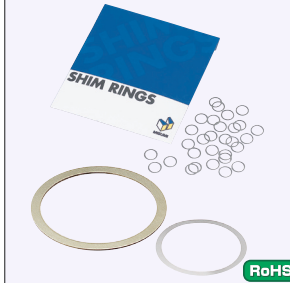
Shim Ring Packages / Shim Rings

Standard / Configurable

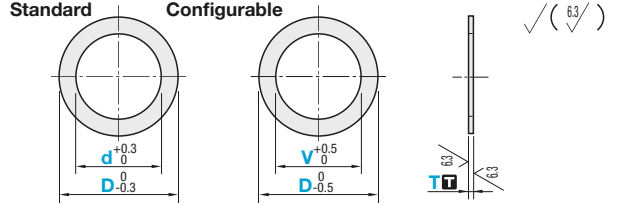
Shim Rings

Standard

Standard, Sold by the package (30 pcs.) / Configurable



Standard	Configurable	Material	Hardness	Thickness (T) Tolerance								
				0.01	0.05	0.1	0.2	0.3	0.5	0.8	1.0	
PCIMRS	CIMRSF	EN 1.4301 Equiv.	370-430HV	±0.003	±0.005	±0.02	±0.03	±0.035	±0.04	±0.05		
PCIMRB	CIMRBF	Brass (EN CW505L Equiv. or EN CW507L Equiv.)	-	-	±0.005	±0.02	±0.03	±0.04	±0.05	-	±0.08	
PCIMR	CIMRF	EN 1.0330 Equiv.	-	-	-	±0.03	±0.04	±0.06	-	±0.11		



EN 1.4301 Equiv. 30 pcs. per Package

No specification available for plate thickness (T) without value.

Part Number	Type	d	D Selection	T Selection	Unit Price			
					PCIMRS			
					T0.01, 0.05	T0.1-0.3	T0.5	T1.0
PCIMRS	2	3	4 5 6	0.01 0.05 0.1 0.2 0.3 0.5 1.0				
			4					
	3	4	5 6 7 8 9 10					
			5					
	4	5	6 7 8 9 10 12 13					
			7 8 9 10 12 13 14 15 16					
	5	6	8 9 10 12 13 14 15 16 18					
			10 12 13 14 15 16 18 20					
	6	7	12 13 14 15 16 18 20					
			15 16 18 20 21 22					
	7	8	18 20 21 22 24					
			20 21 22 24 28					
	8	9	20 21 22 24 28 30 32					
			24 28 30 32 35 40					
	9	10	28 30 32					
			30 32 35 40 42					
	10	11	35 40 42 45 50					
			42 45 50 55					
	11	12	45 50 55					
			50 55					

Brass, EN 1.0330 Equiv. 30 pcs. per Package

Part Number	Type	d	D Selection	T Selection	Unit Price						
					PCIMRB			PCIMR			
					T0.05	T0.1-0.3	T0.5	T1.0	T0.1-0.3	T0.5	T1.0
PCIMRB PCIMR	3	4	5 6 8 10	(0.05) For PCIMRB only							
			6 8 10 12								
			8 10 12 14								
			10 12 14 16								
			12 14 16								
			14 16 18 20								
			16 18 20 21 22								

Configurable

Part Number	D Selection	V Selection	T Selection	Unit Price													
				CIMRSF				CIMRBF				CIMRF					
				T0.05	T0.1-0.3	T0.5	T0.8, T1.0	T0.05	T0.1-0.3	T0.5	T1.0	T0.1-0.3	T0.5	T1.0			
CIMRSF CIMRBF CIMRF	4.0-20	V2.6 or Less Selection V3.0 or More, 0.5mm Increments	(0.05) CIMRBF For CIMRSF only (0.8) For CIMRSF only														
	20.5-40																
	40.5-60			0													
	60.5-80			(No Hole)													
	80.5-100			2.0													
	100.5-120			2.6													
	120.5-140																
	140.5-160																
	160.5-180			3.0-248.0													
	180.5-200			T≤0.2→V≤D-2													
200.5-214	0.3≤T→V≤D-3																
214.5-230	(V2.6→D≥5)																
230.5-250																	

Ordering Example: Part Number - D - T
PCIMRS - 12 - 0.1

Part Number - D - V - T
CIMRF - D73 - V43 - T1.0

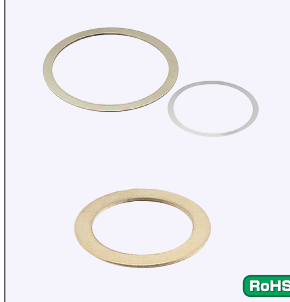
Alterations: Part Number - D - V - T - (KC)
CIMRSF - D22 - V18 - T0.1 - KC

Applicable to Dimension Configurable Type only.

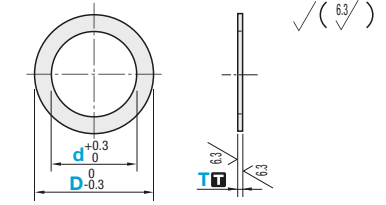
Alteration	Code	Spec.
Keyway Relief	KC	Adds an keyway relief. Ordering Code KC Machining Conditions 8≤V≤49.5

V	b	t	D-V
8-10.5	3	2.0	7 or More
11-12.5	4	2.5	8 or More
13-17.5	5	3.0	10 or More
18-22.5	6	3.5	12 or More
23-30.5	8	4.0	14 or More
31-38.5	10	4.0	14 or More
39-42.5	12	4.0	14 or More
43-49.5	14	4.5	16 or More

Standard



Standard	Material	Hardness	Thickness (T) Tolerance								
			0.01	0.02	0.03	0.05	0.1	0.2	0.3	0.5	1.0
CIMRS	EN 1.4301 Equiv.	370-430HV	±0.003	±0.005	±0.02	±0.03	±0.035	±0.04	±0.05		
CIMRB	Brass (EN CW505L Equiv. or EN CW507L Equiv.)	-	-	-	±0.005	±0.02	±0.03	±0.04	±0.05	±0.08	
CIMR	EN 1.0330 Equiv.	-	-	-	-	±0.03	±0.04	±0.06	±0.11		



EN 1.4301 Equiv.

No specification available for plate thickness (T) without value.

Part Number	Type	d	D Selection	T Selection	Unit Price				
					CIMRS				
					T0.01, 0.05	T0.02, 0.03	T0.1-0.3	T0.5	T1.0
CIMRS	2	3	4 5 6	0.01 0.02 0.03 0.05 0.1 0.2 0.3 0.5 1.0					
			4						
	3	4	5 6 7 8 9 10						
			5						
	4	5	6 7 8 9 10 12 13						
			7 8 9 10 12 13 14 15 16						
	5	6	8 9 10 12 13 14 15 16 18						
			10 12 13 14 15 16 18 20						
	6	7	12 13 14 15 16 18 20						
			15 16 18 20 21 22						
	7	8	18 20 21 22 24						
			20 21 22 24 28						
	8	9	20 21 22 24 28 30 32						
			24 28 30 32 35 40						
	9	10	28 30 32 35 40						
			30 32 35 40 42						
	10	11	32 35 40 42 45						
			35 40 42 45 50						
	11	12	42 45 50 55						
			45 50 55						
12	13	50 55							

Brass, EN 1.0330 Equiv.

Part Number	Type	d	D Selection	T Selection	Unit Price						
					CIMRB			CIMR			
					T0.05	T0.1-0.3	T0.5	T1.0	T0.1-0.3	T0.5	T1.0
CIMRB CIMR	3	4	5 6	(0.05) For CIMRB only							
			6 7 8 10 12								
			7 8 10 12 14 16								
			8 10 12 14 16								
			12 14 16 18 20								
			12 14 16 18 20								
			16 18 20 21 22								
			18 20 21 22 24								
			20 21 22 24 28								
			20 21 22 24 28 30 32								
			24 28 30 32 35 40								
			28 30 32 35 40								
			30 32 35 40 42								
			32 35 40 42 45								
			35 40 42 45 50								

Ordering Example: Part Number - D - T
CIMRS5 - 12 - 0.1