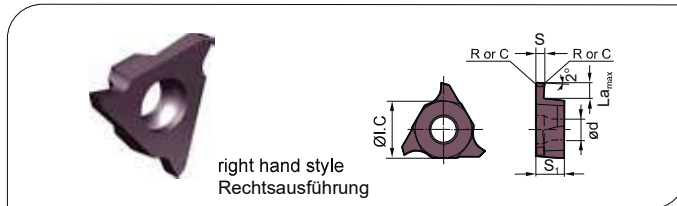


Turning · Drehen

Parting & Grooving · Ab- & Einstechen

QC series grooving insert / QC-Serie Stechplatten

Ideal Machining Condition
Gute Bearbeitungsbedingungen
 Normal Machining Condition
Normale Bearbeitungsbedingungen
 Unfavorable Machining Condition
Ungünstige Bearbeitungsbedingungen



Workpiece Material Werkstoff	P	M	K	N	S															
Steel Stahl																				
Stainless Steel Rostfreier Stahl																				
Cast iron Gusseisen																				
Non-ferrous material Nf Metalle																				
Heat-resistant steel Wärmefester Stahl																				

Type Typ	Dimension (mm) Abmessung						CVD		PVD						Uncoated Carbide unbeschicht. Hartmetall	
	S±0,025	La _{max}	R/C	ØI.C	S ₁	ød	YBC252	YBC251	YBG105	YBG102	YBG320	YBG205	YBG202	YBG302	YD101	YD201
QC11R120-R02	1.20	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11L120-R02	1.20	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11R125-R02	1.25	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11L125-R02	1.25	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11R145-R02	1.45	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11L145-R02	1.45	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11R150-R02	1.50	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11L150-R02	1.50	1.50	R0.2	6.35	3.18	2.8						●	○			
QC11R200-R02	2.00	2.00	R0.2	6.35	3.18	2.8						●	○			
QC11L200-R02	2.00	2.00	R0.2	6.35	3.18	2.8						●	○			
QC11R225-R02	2.25	2.00	R0.2	6.35	3.18	2.8						●	○			
QC11L225-R02	2.25	2.00	R0.2	6.35	3.18	2.8						●	○			
QC16L075-R01	0.75	2.00	R0.1	9.525	3.18	4.4						○				
QC16R075-R01	0.75	2.00	R0.1	9.525	3.18	4.4						○				
QC16R080-R01	0.80	2.00	R0.1	9.525	3.18	4.4						○				
QC16L095-R01	0.95	2.00	R0.1	9.525	3.18	4.4						○				
QC16R095-R01	0.95	2.00	R0.1	9.525	3.18	4.4						○				
QC16L100-R01	1.00	2.00	R0.1	9.525	3.18	4.4						○				
QC16R110-R01	1.10	2.00	R0.1	9.525	3.18	4.4						○	●			
QC16L110-R01	1.10	2.00	R0.1	9.525	3.18	4.4						●	●			
QC16R115-R04	1.15	2.00	R0.4	9.525	3.18	4.4						○	○			
QC16L120-R01	1.20	2.00	R0.1	9.525	3.18	4.4						○	○			
QC16R120-R01	1.20	2.00	R0.1	9.525	3.18	4.4						○	○			
QC16R125-R02	1.25	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16L125-R02	1.25	2.00	R0.2	9.525	3.18	4.4						●	○			

The code of other size for your order, for example: QC22R160-R03 if S±0,025=1.60mm, ØI.C=12.70mm and cutting edge with R=0.3mm
Der Bestellnummernschlüssel: z.B. QC22R160-R03 liegt eine S±0,025=1.60mm, ØI.C=12.70mm und einen Schneidektradius R=0.3mm fest.

Tool holder / Klemmhalter



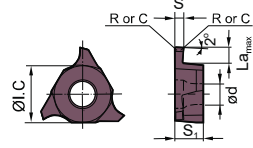
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● ex stock · ab Lager ○ on demand · auf Anfrage

■ QC series grooving insert / QC-Serie Stechplatten



right hand style
Rechtsausführung



 Normal Machining Condition
Normale Bearbeitungsbedingungen

 Ideal Machining Condition
Gute Bearbeitungsbedingungen

 Unfavorable Machining Condition
Ungünstige Bearbeitungsbedingungen

	P	M	K	N	S
Workpiece Material Werkstoffe	Steel <i>Stahl</i>	Stainless Steel <i>Rostfreier Stahl</i>	Cast iron <i>Gusseisen</i>	Non-ferrite material <i>Ne Metalle</i>	Heat-resistant steel <i>Warmfester Stahl</i>
	 				
	   	   			
				 	
					    

Type Typ	Dimension (mm) Abmessung						CVD		PVD						Uncoated Carbide unbeschicht. Hartmetall	
	S±0.025	La _{max}	R/C	ØI.C	S ₁	ød	YBC252	YBC251	YBG105	YBG102	YB9320	YBG205	YBG202	YBG302	YD101	YD201
QC16R130-R02	1.30	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16L130-R02	1.30	2.00	R0.2	9.525	3.18	4.4						○	○			
QC16R140-R02	1.40	2.00	R0.2	9.525	3.18	4.4						○	○			
QC16R145-R02	1.45	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16L145-R02	1.45	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16R150-R02	1.50	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16L150-R02	1.50	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16R160-R02	1.60	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16L160-R02	1.60	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16R165-R02	1.65	2.00	R0.2	9.525	3.18	4.4						○				
QC16L165-R02	1.65	2.00	R0.2	9.525	3.18	4.4						○				
QC16L170-R02	1.70	2.00	R0.2	9.525	3.18	4.4						○				
QC16R170-R02	1.70	2.00	R0.2	9.525	3.18	4.4						○				
QC16R175-R02	1.75	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16L175-R02	1.75	2.00	R0.2	9.525	3.18	4.4						●	○			
QC16R180-R02	1.80	2.00	R0.2	9.525	3.18	4.4						○				
QC16R185-R02	1.85	2.50	R0.2	9.525	3.18	4.4						●	○			
QC16L185-R02	1.85	2.50	R0.2	9.525	3.18	4.4						●	○			
QC16R200-R02	2.00	2.50	R0.2	9.525	3.18	4.4						●	○			
QC16L200-R02	2.00	2.50	R0.2	9.525	3.18	4.4						●	○			
QC16L210-R02	2.1	2.50	R0.2	9.525	3.18	4.4						○				
QC16L210-R05	2.1	2.50	R0.2	9.525	3.18	4.4						○				
QC16L220-R02	2.2	2.50	R0.2	9.525	3.18	4.4						○				
QC16R220-R02	2.2	2.50	R0.2	9.525	3.18	4.4						○				
QC16R225-R02	2.25	2.50	R0.2	9.525	3.18	4.4						○				
QC16R250-R02	2.50	2.50	R0.2	9.525	3.18	4.4						●	○			
QC16L250-R02	2.50	2.50	R0.2	9.525	3.18	4.4						●	○			
QC16R300-R02	3.00	3.00	R0.2	9.525	3.18	4.4						●	○			
QC16L300-R02	3.00	3.00	R0.2	9.525	3.18	4.4						●	○			

The code of other size for your order, for example: QC22R160-R03 if $\pm 0.025=1.60\text{mm}$, $\varnothing I.C=12.70\text{mm}$ and cutting edge with $R=0.3\text{mm}$
Der Bestellnummernschlüssel: z.B. QC22R160-R03 liegt eine $\pm 0.025=1.60\text{mm}$, $\varnothing I.C=12.70\text{mm}$ und einen Schneideckradius $R=0.3\text{mm}$ fest.

Tool holder / Klemmhalter

QC Serie
S***-QC**R/L*



Turning · Drehen

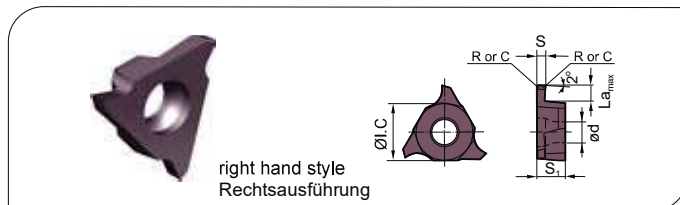
Parting & Grooving · Ab- & Einstechen

QC series grooving insert / QC-Serie Stechplatten

● Ideal Machining Condition
Gute Bearbeitungsbedingungen

● Normal Machining Condition
Normale Bearbeitungsbedingungen

● Unfavorable Machining Condition
Ungünstige Bearbeitungsbedingungen



Workpiece Material Werkstoff	P	M	K	N	S	YBC252	YBC251	YBG105	YBG102	YBG320	YBG205	YBG202	YBG302	YD101	YD201
Steel Stahl	●	●						●	●	●	●	●	●		
Stainless Steel Rostfreier Stahl		●						●	●	●	●	●	●		
Cast iron Gusseisen															
Non-ferrous material Nichtmetalle														●	●
Heat-resistant steel Wärmefester Stahl								●	●	●	●	●	●		

Type Typ	Dimension (mm) Abmessung															
	S±0,025	La _{max}	R/C	ØI.C	S ₁	ød	YBC252	YBC251	YBG105	YBG102	YBG320	YBG205	YBG202	YBG302	YD101	YD201
QC22L100-R02	1.00	2.00	R0.2	12.70	4.76	5.5						○				
QC22R125-R02	1.25	2.00	R0.2	12.70	4.76	5.5						●	○			
QC22L125-R02	1.25	2.00	R0.2	12.70	4.76	5.5						○	○			
QC22R145-R02	1.45	2.00	R0.2	12.70	4.76	5.5						○	○			
QC22L145-R02	1.45	2.00	R0.2	12.70	4.76	5.5						○	○			
QC22R150-R02	1.50	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22L150-R02	1.50	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22R163-R02	1.63	3.50	R0.2	12.70	4.76	5.5						○				
QC22R163-R03	1.63	3.50	R0.2	12.70	4.76	5.5						○				
QC22R175-R02	1.75	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22L175-R02	1.75	3.50	R0.2	12.70	4.76	5.5						○	○			
QC22R185-R02	1.85	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22L185-R02	1.85	3.50	R0.2	12.70	4.76	5.5						○	○			
QC22R195-R02	1.95	3.50	R0.2	12.70	4.76	5.5						○				
QC22R200-R02	2.00	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22L200-R02	2.00	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22R225-R02	2.25	3.50	R0.2	12.70	4.76	5.5						○				
QC22R230-R02	2.30	3.50	R0.2	12.70	4.76	5.5						●	○			
QC22L230-R02	2.30	3.50	R0.2	12.70	4.76	5.5						○	○			
QC22R250-R03	2.50	4.00	R0.3	12.70	4.76	5.5						●	○			
QC22L250-R03	2.50	4.00	R0.3	12.70	4.76	5.5						●	○			
QC22R265-R03	2.65	4.00	R0.3	12.70	4.76	5.5						●	○			
QC22L265-R03	2.65	4.00	R0.3	12.70	4.76	5.5						●	○			
QC22R280-R03	2.80	4.00	R0.3	12.70	4.76	5.5						●	○			
QC22L280-R03	2.80	4.00	R0.3	12.70	4.76	5.5						●	○			

The code of other size for your order, for example: QC22R160-R03 if S±0.025=1.60mm, ØI.C=12.70mm and cutting edge with R=0.3mm
Der Bestellnummernschlüssel: z.B. QC22R160-R03 liegt eine S±0.025=1.60mm, ØI.C=12.70mm und einen Schneidektradius R=0.3mm fest.

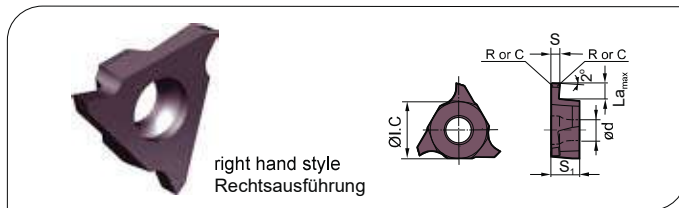
Tool holder / Klemmhalter



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● ex stock · ab Lager ○ on demand · auf Anfrage

Triangular straight grooving insert / Dreieckige Stechplatten mit gerader Kante



Normal Machining Condition
 Normale Bearbeitungsbedingungen

Ideal Machining Condition
 Gute Bearbeitungsbedingungen

Unfavorable Machining Condition
 Ungünstige Bearbeitungsbedingungen

Workpiece Material Werkstoff	P	M	K	N	S															
Steel Stahl																				
Stainless Steel Rostfreier Stahl																				
Cast iron Gusseisen																				
Non-ferrous material Nichtmetalle																				
Heat-resistant steel Wärmefester Stahl																				

Type Typ	Dimension (mm) Abmessung																	
	S $\pm 0,025$	La _{max}	R/C	ØI.C	S ₁	ød	YBC252	YBC251	YBG105	YBG102	YBG320	YBG205	YBG202	YBG302	YD101	YD201		
QC22R300-R03	3.00	4.00	R0.3	12.70	4.76	5.5						●	○					
QC22L300-R03	3.00	4.00	R0.3	12.70	4.76	5.5						●	○					
QC22R320-R03	3.20	4.00	R0.3	12.70	4.76	5.5						●	○					
QC22L320-R03	3.20	4.00	R0.3	12.70	4.76	5.5						●	○					
QC22R330-R03	3.30	4.00	R0.3	12.70	4.76	5.5						●	○					
QC22L330-R03	3.30	4.00	R0.3	12.70	4.76	5.5						○	○					
QC22R350-R03	3.50	5.00	R0.3	12.70	4.76	5.5						○	○					
QC22L350-R03	3.50	5.00	R0.3	12.70	4.76	5.5						●	○					
QC22R400-R04	4.00	5.00	R0.4	12.70	4.76	5.5						●	○					
QC22L400-R04	4.00	5.00	R0.4	12.70	4.76	5.5						●	○					
QC22R430-R04	4.30	5.00	R0.4	12.70	4.76	5.5						○	○					
QC22L430-R04	4.30	5.00	R0.4	12.70	4.76	5.5						●	●					
QC22R450-R04	4.50	5.00	R0.4	12.70	4.76	5.5						●	○					
QC22L450-R04	4.50	5.00	R0.4	12.70	4.76	5.5						○	○					
QC22R480-R04	4.80	5.00	R0.4	12.70	5.06	5.5						●	○					
QC22L480-R04	4.80	5.00	R0.4	12.70	5.06	5.5						○	○					

The code of other size for your order, for example: QC22R160-R03 if S $\pm 0,025$ =1.60mm, ØI.C=12.70mm and cutting edge with R=0.3mm

Tool holder / Klemmhalter

