

229/259



Porte outils et plaquettes

Largeur de gorge 2,5 - 10 mm

Portainserto e inserti

Larghezza della gola 2,5 - 10 mm

H

Géométries et avances
Geometrie e avanzamenti

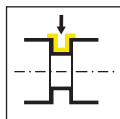
Page/Pag.
208-211

Porte outils

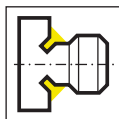
Portainserito

210/218/226/H229

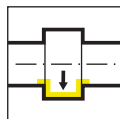
219/225/213/214/H259



Page/Pag.
212-217, 219-
221, 259



Page/Pag.
222



Page/Pag.
223-229

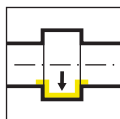
Informations techniques
Informazioni tecniche

Page/Pag.
218

Base de support

Attacco Base

B229

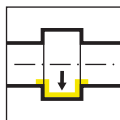


Page/Pag.
230

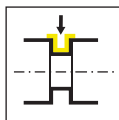
Cassette

Cartuccia

BK229/050



Page/Pag.
231

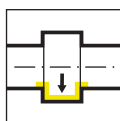


Page/Pag.
233

Cartouche

Cartuccia

257



Page/Pag.
232

Plaquette amovible
Inserto
S229/229/259

.3

Page/Pag.
234, 251, 256

.5

Page/Pag.
235

.A

Page/Pag.
236

.E

Page/Pag.
237

.F

Page/Pag.
238

.FY

Page/Pag.
239

.3V

Page/Pag.
240

.H

Page/Pag.
241

.HR

Page/Pag.
242

.L

Page/Pag.
243-244

.N

Page/Pag.
245

.K

Page/Pag.
246

.KF

Page/Pag.
247

.KR

Page/Pag.
248

.10

Page/Pag.
249

.20

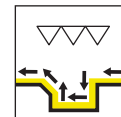
Page/Pag.
250

.NC

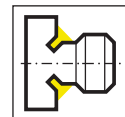
Page/Pag.
252

.FB

Page/Pag.
253



Page/Pag.
254



Page/Pag.
255

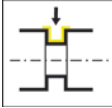
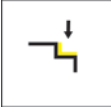
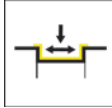
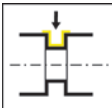
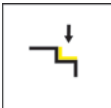
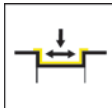
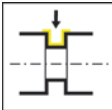
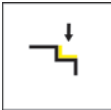
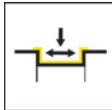
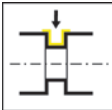
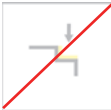
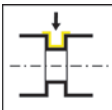
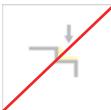
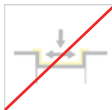
.C

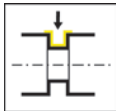
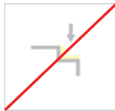
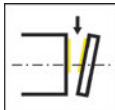
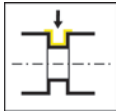
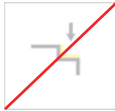
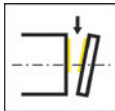
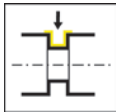
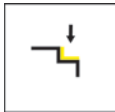
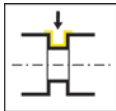
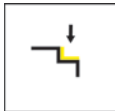
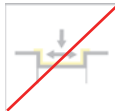
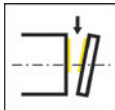
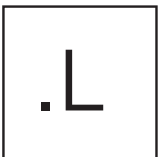
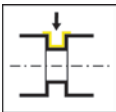
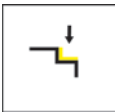
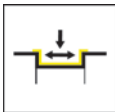
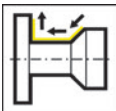
Page/Pag.
257-258

.M0

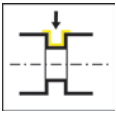
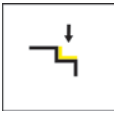
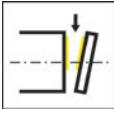
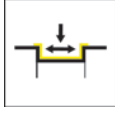
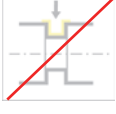
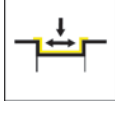
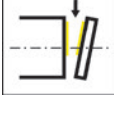
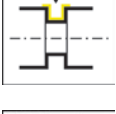
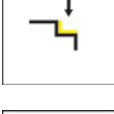
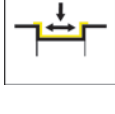
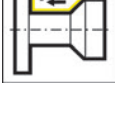
Page/Pag.
260

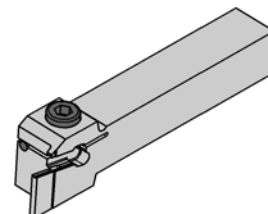
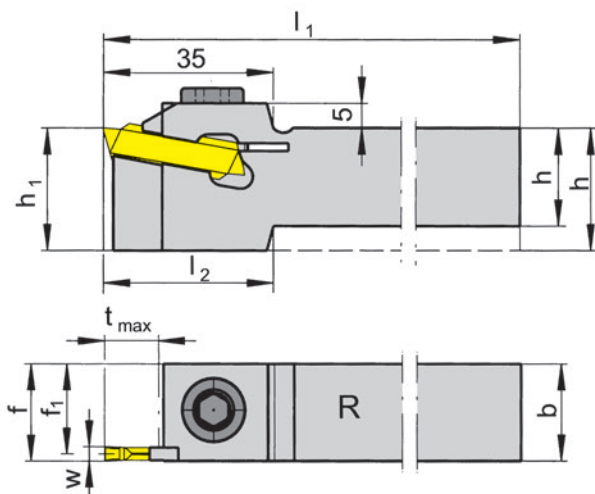
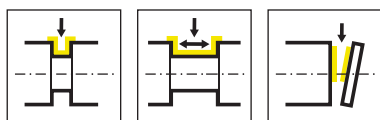
H

Géométrie Geometria	Matière Materiale	Avance f [mm/trs] Avanzamento f [mm/giro]	Usinage Lavorazione
.3	P M K	↓ 0,15-0,25	  
	N S H	↔ 0,15-0,40	
.5	P M K	↓ 0,10-0,45	  
	N S H	↔ 0,15-0,60	
.A	P M K	↓ 0,05-0,30	  
	N S H	↔ 0,10-0,30	
.E	P M K	↓ 0,08-0,30	  
	N S H		
.F	P M K	↓ 0,03-0,15	  
	N S H		

Géométrie Geometria	Matière Materiale	Avance f [mm/trs] Avanzamento f [mm/giro]	Usinage Lavorazione
	P M K N S H	↓ 0,03-0,15	    
	P M K N S H	↓ 0,05-0,20	    
	P M K N S H	↓ 0,15-0,25 ↔ 0,10-0,25	    
	P M K N S H	↓ 0,20-0,30	    
	P M K N S H	↓ 0,10-0,22 ↔ 0,05-0,20	    

Géométrie Geometria	Matière Materiale	Avance f [mm/trs] Avanzamento f [mm/giro]	Usinage Lavorazione
	P M K N S H	↓ 0,05-0,25 ↔ 0,05-0,25	
	P M K N S H	↓ 0,05-0,25 ↔ 0,05-0,25	
	P M K N S H	↓ 0,10-0,45 ↔ 0,05-0,25	
	P M K N S H	↓ 0,25-0,5 ↔ 0,25-0,5	
	P M K N S H	↓ 0,05-0,15	

Géométrie Geometria	Matière Materiale	Avance f [mm/trs] Avanzamento f [mm/giro]	Usinage Lavorazione
.20	P M K N S H	↓ 0,07-0,25	    
.NC	P M K N S H	↓ 0,02-0,10 ↔ 0,02-0,15	    
.FB	P M K N S H	↓ 0,02-0,10 ↔ 0,0015-0,07	    
.C	P M K N S H	↓ 0,02-0,10	    
.M0	P M K N S H	↓ 0,02-0,10 ↔ 0,02-0,15	    



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	h	b	l ₁	l ₂	h ₁	f ₁	f	t _{max}	Plage de serrage Campo di serraggio	HWS
R210.2020.02	20	20	150	35	25	18,55	f ₁ +w/2	11	2,5-3,0	229020
R210.2525.02	25	25	150	-	25	23,55	f ₁ +w/2	11	2,5-3,0	229020
R210.1616.03	16	16	150	45	25	14,55	f ₁ +w/2	11	3,0-4,0	229030
R210.2020.03	20	20	150	35	25	18,55	f ₁ +w/2	11	3,0-4,0	229030
R210.2525.03	25	25	150	-	25	23,55	f ₁ +w/2	11	3,0-4,0	229030
R210.3225.03	32	25	170	-	32	23,55	f ₁ +w/2	11	3,0-4,0	229030
R210.2020.04	20	20	150	35	25	17,7	f ₁ +w/2	11	3,0-4,0	229040
R210.2525.04	25	25	150	-	25	22,7	f ₁ +w/2	11	4,0-5,0	229040
R210.3225.04	32	25	170	-	32	22,7	f ₁ +w/2	11	4,0-5,0	229040
R210.2020.05	20	20	150	35	25	17,2	f ₁ +w/2	11	5,1-6,0	229050 • 229051
R210.2525.05	25	25	150	-	25	22,2	f ₁ +w/2	11	5,1-6,0	229050 • 229051
R210.3225.05	32	25	170	-	32	22,2	f ₁ +w/2	11	5,1-6,0	229050 • 229051
L210.2020.02	20	20	150	35	25	18,55	f ₁ +w/2	11	2,5-3,0	229020
L210.2525.02	25	25	150	-	25	23,55	f ₁ +w/2	11	2,5-3,0	229020
L210.1616.03	16	16	150	45	25	14,55	f ₁ +w/2	11	3,0-4,0	229030
L210.2020.03	20	20	150	35	25	18,55	f ₁ +w/2	11	3,0-4,0	229030
L210.2525.03	25	25	150	-	25	23,55	f ₁ +w/2	11	3,0-4,0	229030
L210.3225.03	32	25	170	-	32	23,55	f ₁ +w/2	11	3,0-4,0	229030
L210.2020.04	20	20	150	35	25	17,7	f ₁ +w/2	11	4,0-5,0	229040
L210.2525.04	25	25	150	-	25	22,7	f ₁ +w/2	11	4,0-5,0	229040
L210.3225.04	32	25	170	-	32	22,7	f ₁ +w/2	11	4,0-5,0	229040
L210.2020.05	20	20	150	35	25	17,2	f ₁ +w/2	11	5,1-6,0	229050 • 229051
L210.2525.05	25	25	150	-	25	22,2	f ₁ +w/2	11	5,1-6,0	229050 • 229051
L210.3225.05	32	25	170	-	32	22,2	f ₁ +w/2	11	5,1-6,0	229050 • 229051

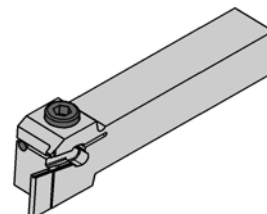
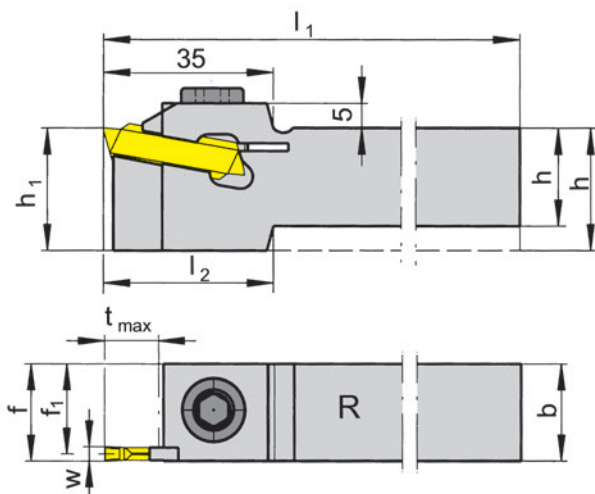
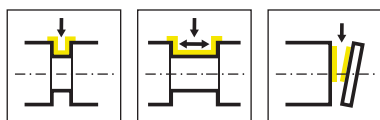
w voir plaquettes amovibles
w vd. inserti

R/L 210...02 max. profondeur de gorge jusqu'à Ø 150 mm
R/L 210...02 profondità gola max. fino a Ø 150 mm

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L210...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	h	b	l ₁	l ₂	h ₁	f ₁	f	t _{max}	Plage de serrage Campo di serraggio	HWS
R210.2020.07	20	20	150	35	25	16,2	f ₁ +w/2	11	6,1-8,0	229070 • 229071
R210.2525.07	25	25	150	-	25	21,2	f ₁ +w/2	11	6,1-8,0	229070 • 229071
R210.3225.07	32	25	170	-	32	21,2	f ₁ +w/2	11	6,1-8,0	229070 • 229071
R210.2020.08	20	20	150	35	25	16,2	f ₁ +w/2	11	7,6-8,0	229080 • 229081
R210.2525.08	25	25	150	-	25	21,2	f ₁ +w/2	11	7,6-8,0	229080 • 229081
L210.2020.07	20	20	150	35	25	16,2	f ₁ +w/2	11	6,1-8,0	229070 • 229071
L210.2525.07	25	25	150	-	25	21,2	f ₁ +w/2	11	6,1-8,0	229070 • 229071
L210.3225.07	32	25	170	-	32	21,2	f ₁ +w/2	11	6,1-8,0	229070 • 229071
L210.2020.08	20	20	150	35	25	16,2	f ₁ +w/2	11	7,6-8,0	229080 • 229081
L210.2525.08	25	25	150	-	25	21,2	f ₁ +w/2	11	7,6-8,0	229080 • 229081

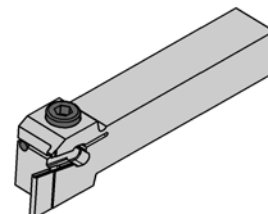
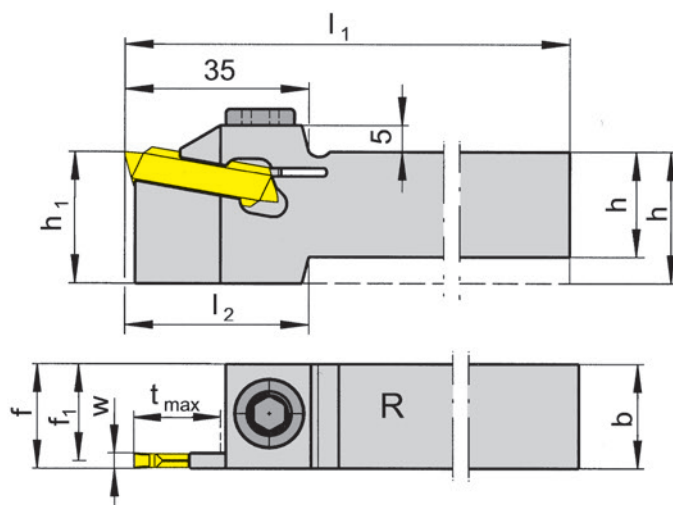
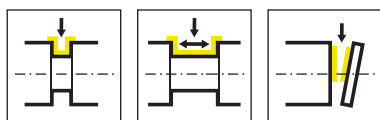
w voir plaquettes amovibles
w vd. inserti

H

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L210...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	h	b	l ₁	l ₂	h ₁	f ₁	f	t _{max}	D _{max}	Plage de serrage Campo di serraggio	HWS
R218.2020.02	20	20	150	35	25	18,55	f ₁ +w/2	18	80	2,5-3,0	229020
R218.2525.02	25	25	150	-	25	23,55	f ₁ +w/2	18	80	2,5-3,0	229020
R218.1616.03	16	16	150	45	25	14,55	f ₁ +w/2	18	-	3,0-4,0	229030
R218.2020.03	20	20	150	35	25	18,55	f ₁ +w/2	18	-	3,0-4,0	229030
R218.2525.03	25	25	150	-	25	23,55	f ₁ +w/2	18	-	3,0-4,0	229030
R218.3225.03	32	25	170	-	32	23,55	f ₁ +w/2	18	-	3,0-4,0	229030
R218.2020.04	20	20	150	35	25	17,7	f ₁ +w/2	18	-	4,0-5,0	229040
R218.2525.04	25	25	150	-	25	22,7	f ₁ +w/2	18	-	4,0-5,0	229040
R218.3225.04	32	25	170	-	32	22,7	f ₁ +w/2	18	-	4,0-5,0	229040
R218.2020.05	20	20	150	35	25	17,2	f ₁ +w/2	18	-	5,1-6,0	229050 • 229051
R218.2525.05	25	25	150	-	25	22,2	f ₁ +w/2	18	-	5,1-6,0	229050 • 229051
R218.3225.05	32	25	170	-	32	22,2	f ₁ +w/2	18	-	5,1-6,0	229050 • 229051
L218.2020.02	20	20	150	35	25	18,55	f ₁ +w/2	18	80	2,5-3,0	229020
L218.2525.02	25	25	150	-	25	23,55	f ₁ +w/2	18	80	2,5-3,0	229020
L218.1616.03	16	16	150	45	25	14,55	f ₁ +w/2	18	-	3,0-4,0	229030
L218.2020.03	20	20	150	35	25	18,55	f ₁ +w/2	18	-	3,0-4,0	229030
L218.2525.03	25	25	150	-	25	23,55	f ₁ +w/2	18	-	3,0-4,0	229030
L218.3225.03	32	25	170	-	32	23,55	f ₁ +w/2	18	-	3,0-4,0	229030
L218.2020.04	20	20	150	35	25	17,7	f ₁ +w/2	18	-	4,0-5,0	229040
L218.2525.04	25	25	150	-	25	22,7	f ₁ +w/2	18	-	4,0-5,0	229040
L218.3225.04	32	25	170	-	32	22,7	f ₁ +w/2	18	-	4,0-5,0	229040
L218.2020.05	20	20	150	35	25	17,2	f ₁ +w/2	18	-	5,1-6,0	229050 • 229051
L218.2525.05	25	25	150	-	25	22,2	f ₁ +w/2	18	-	5,1-6,0	229050 • 229051
L218.3225.05	32	25	170	-	32	22,2	f ₁ +w/2	18	-	5,1-6,0	229050 • 229051

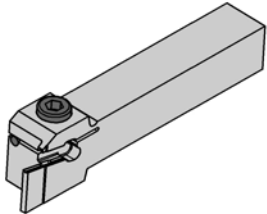
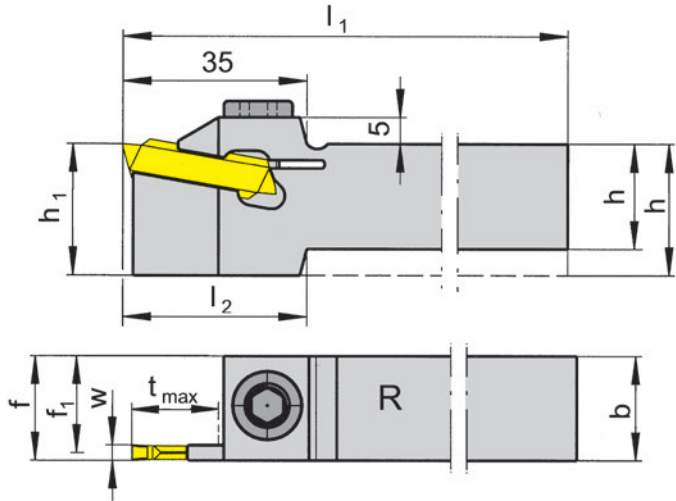
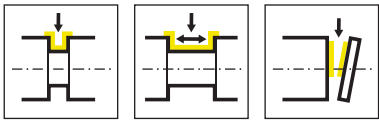
w voir plaquettes amovibles
w vd. inserti

R/L 218...02 max. profondeur de gorge jusqu'à Ø 80 mm
R/L 218...02 profondità gola max. fino a Ø 80 mm

Pièces Détachées

Ricambi

Porte outils Portainserito	Vis de serrage Vite di serraggio
R/L218...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

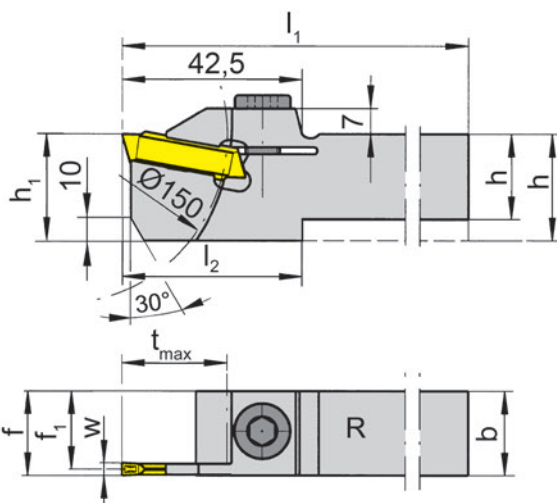
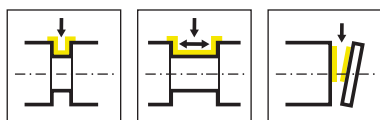
Número de commande Codice prodotto	h	b	l ₁	l ₂	h ₁	f ₁	f	t _{max}	Plage de serrage Campo di serraggio	HWS
R218.2020.07	20	20	150	35	25	16,2	f ₁ +w/2	18	6,1-8,0	229070 • 229071
R218.2525.07	25	25	150	-	25	21,2	f ₁ +w/2	18	6,1-8,0	229070 • 229071
R218.3225.07	32	25	170	-	32	21,2	f ₁ +w/2	18	6,1-8,0	229070 • 229071
L218.2020.07	20	20	150	35	25	16,2	f ₁ +w/2	18	6,1-8,0	229070 • 229071
L218.2525.07	25	25	150	-	25	21,2	f ₁ +w/2	18	6,1-8,0	229070 • 229071
L218.3225.07	32	25	170	-	32	21,2	f ₁ +w/2	18	6,1-8,0	229070 • 229071
L218.2525.08	25	25	150	-	25	21,2	f ₁ +w/2	18	7,6-8,0	229080 • 229081

w voir plaquettes amovibles
w vd. inserti

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L218...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

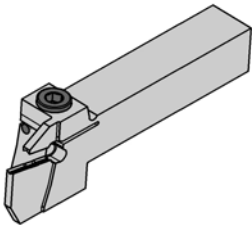
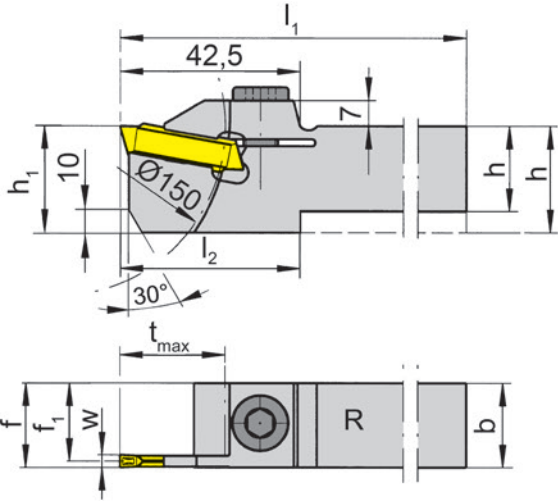
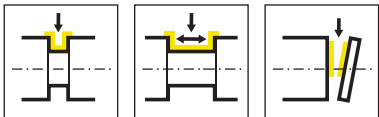
Número de commande Codice prodotto	h	b	l ₁	l ₂	h ₁	f ₁	f	t _{max}	Plage de serrage Campo di serraggio	HWS
R226.1616.03	16	16	150	52,5	32	14,55	f ₁ +w/2	25	3,0-4,0	229030
R226.2020.03	20	20	150	42,5	32	18,55	f ₁ +w/2	25	3,0-4,0	229030
R226.2525.03	25	25	150	42,5	32	23,55	f ₁ +w/2	25	3,0-4,0	229030
R226.3225.03	32	25	170	-	32	23,55	f ₁ +w/2	25	3,0-4,0	229030
R226.1616.04	16	16	150	52,5	32	13,7	f ₁ +w/2	25	4,0-5,0	229040
R226.2020.04	20	20	150	42,5	32	17,7	f ₁ +w/2	25	4,0-5,0	229040
R226.2525.04	25	25	150	42,5	32	22,7	f ₁ +w/2	25	4,0-5,0	229040
R226.3225.04	32	25	170	-	32	22,7	f ₁ +w/2	25	4,0-5,0	229040
R226.2020.05	20	20	150	42,5	32	17,2	f ₁ +w/2	25	5,1-6,0	229050 • 229051
R226.2525.05	25	25	150	42,5	32	22,2	f ₁ +w/2	25	5,1-6,0	229050 • 229051
R226.3225.05	32	25	170	-	32	22,2	f ₁ +w/2	25	5,1-6,0	229050 • 229051
L226.1616.03	16	16	150	52,5	32	14,55	f ₁ +w/2	25	3,0-4,0	229030
L226.2020.03	20	20	150	42,5	32	18,55	f ₁ +w/2	25	3,0-4,0	229030
L226.2525.03	25	25	150	42,5	32	23,55	f ₁ +w/2	25	3,0-4,0	229030
L226.3225.03	32	25	170	-	32	23,55	f ₁ +w/2	25	3,0-4,0	229030
L226.1616.04	16	16	150	52,5	32	13,7	f ₁ +w/2	25	4,0-5,0	229040
L226.2020.04	20	20	150	42,5	32	17,7	f ₁ +w/2	25	4,0-5,0	229040
L226.2525.04	25	25	150	42,5	32	22,7	f ₁ +w/2	25	4,0-5,0	229040
L226.3225.04	32	25	170	-	32	22,7	f ₁ +w/2	25	4,0-5,0	229040
L226.2020.05	20	20	150	42,5	32	17,2	f ₁ +w/2	25	5,1-6,0	229050 • 229051
L226.2525.05	25	25	150	42,5	32	22,2	f ₁ +w/2	25	5,1-6,0	229050 • 229051
L226.3225.05	32	25	170	-	32	22,2	f ₁ +w/2	25	5,1-6,0	229050 • 229051

w voir plaquettes amovibles
w vd. inserti

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L226...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	h	b	l ₁	l ₂	h ₁	f ₁	f	t _{max}	Plage de serrage Campo di serraggio	HWS
R226.2525.07	25	25	150	42,5	32	21,2	f ₁ +w/2	25	6,1-8,0	229070 • 229071
R226.3225.07	32	25	170	-	32	21,2	f ₁ +w/2	25	6,1-8,0	229070 • 229071
R226.2525.08	25	25	150	42,5	32	21,2	f ₁ +w/2	25	7,6-8,0	229080 • 229081
R226.3225.08	32	25	170	-	32	21,2	f ₁ +w/2	25	7,6-8,0	229080 • 229081
L226.2525.07	25	25	150	42,5	32	21,2	f ₁ +w/2	25	6,1-8,0	229070 • 229071
L226.3225.07	32	25	170	-	32	21,2	f ₁ +w/2	25	6,1-8,0	229070 • 229071
L226.2525.08	25	25	150	42,5	32	20,2	f ₁ +w/2	25	7,6-8,0	229080 • 229081
L226.3225.08	32	25	170	-	32	21,2	f ₁ +w/2	25	7,6-8,0	229080 • 229081

w voir plaquettes amovibles
w vd. inserti

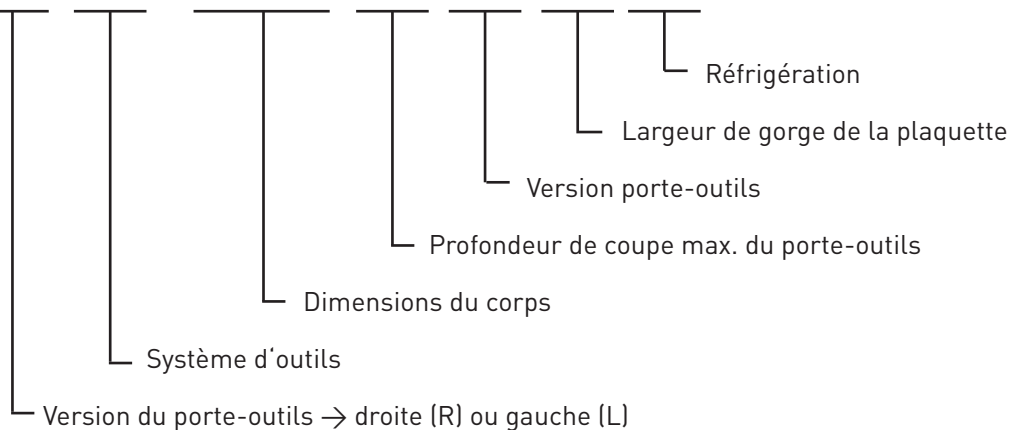
Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L226...	218.3

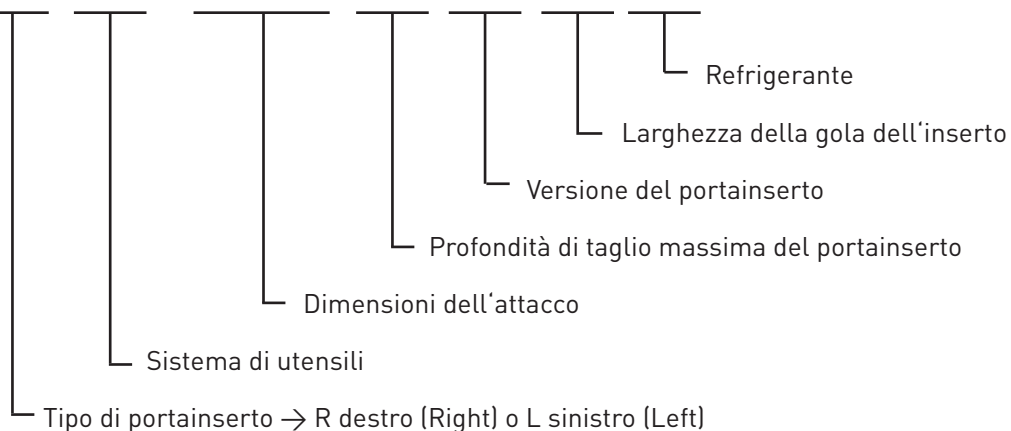
Codification des porte-outils:

RH229.2020.18.0A.05.IK



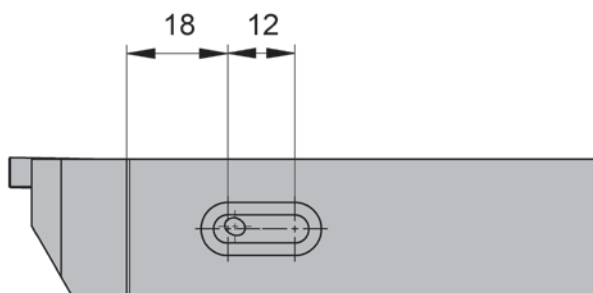
Codice del portainserito:

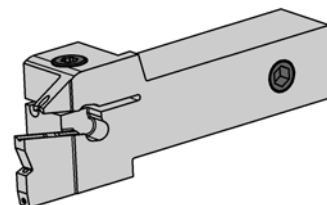
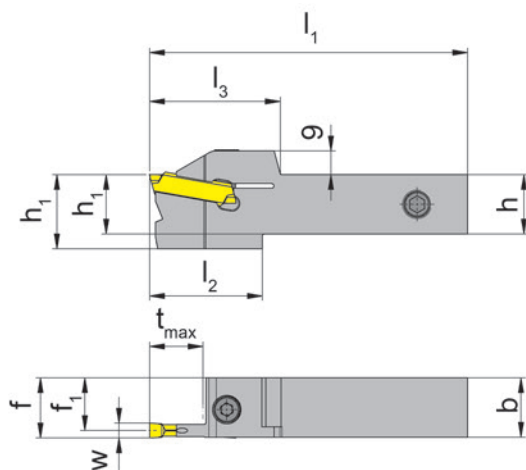
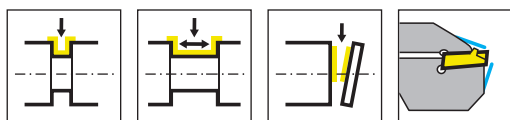
RH229.2020.18.0A.05.IK



Position du passage du liquide de coupe

Posizione dell'asola adduzione refrigerante





R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

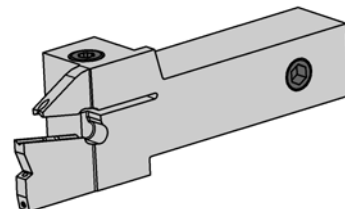
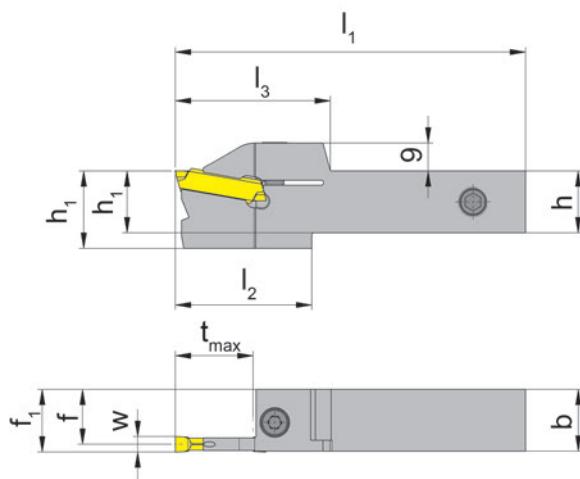
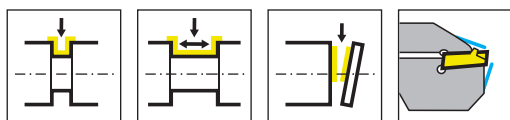
Número de commande Codice prodotto	h	b	l ₁	l ₂	l ₃	h ₁	f ₁	f	t _{max}	w	HWS
RH229.2020.18.0A.03.IK	20	20	107	38	44	25	18,55	f ₁ +w/2	18	3	229030
RH229.2020.18.0A.04.IK	20	20	107	38	44	25	18,15	f ₁ +w/2	18	4	229040
RH229.2020.18.0A.05.IK	20	20	107	38	44	25	17,75	f ₁ +w/2	18	5	229040
RH229.2020.18.0A.06.IK	20	20	107	38	44	25	17,4	f ₁ +w/2	18	6	229051
RH229.2020.18.0A.08.IK	20	20	109	40	46	32	16,9	f ₁ +w/2	18	8	229081
RH229.2525.18.0A.03.IK	25	25	122	38	44	32	23,55	f ₁ +w/2	18	3	229030
RH229.2525.18.0A.04.IK	25	25	122	38	44	32	23,15	f ₁ +w/2	18	4	229040
RH229.2525.18.0A.05.IK	25	25	122	38	44	32	22,75	f ₁ +w/2	18	5	229040
RH229.2525.18.0A.06.IK	25	25	122	38	44	32	22,4	f ₁ +w/2	18	6	229051
RH229.2525.18.0A.08.IK	25	25	122	38	44	32	21,9	f ₁ +w/2	18	8	229081
LH229.2020.18.0A.03.IK	20	20	107	38	44	25	18,55	f ₁ +w/2	18	3	229030
LH229.2020.18.0A.04.IK	20	20	107	38	44	25	18,15	f ₁ +w/2	18	4	229040
LH229.2020.18.0A.05.IK	20	20	107	38	44	25	17,75	f ₁ +w/2	18	5	229040
LH229.2020.18.0A.06.IK	20	20	107	38	44	25	17,4	f ₁ +w/2	18	6	229051
LH229.2020.18.0A.08.IK	20	20	109	40	46	32	16,9	f ₁ +w/2	18	8	229081
LH229.2525.18.0A.03.IK	25	25	122	38	44	32	23,55	f ₁ +w/2	18	3	229030
LH229.2525.18.0A.04.IK	25	25	122	38	44	32	23,15	f ₁ +w/2	18	4	229040
LH229.2525.18.0A.05.IK	25	25	122	38	44	32	22,75	f ₁ +w/2	18	5	229040
LH229.2525.18.0A.06.IK	25	25	122	38	44	32	22,4	f ₁ +w/2	18	6	229051
LH229.2525.18.0A.08.IK	25	25	122	38	44	32	21,9	f ₁ +w/2	18	8	229081

H

Pièces Détachées

Ricambi

Porte outils Portainsero	Arrosage Lubrificazione	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LH229...	004.00.16	6.23T25P	T25PQ



R = version à droite représentée
R = versione destra come in figura

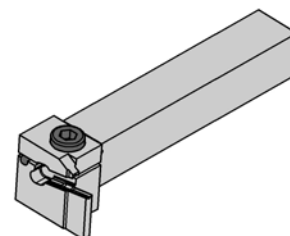
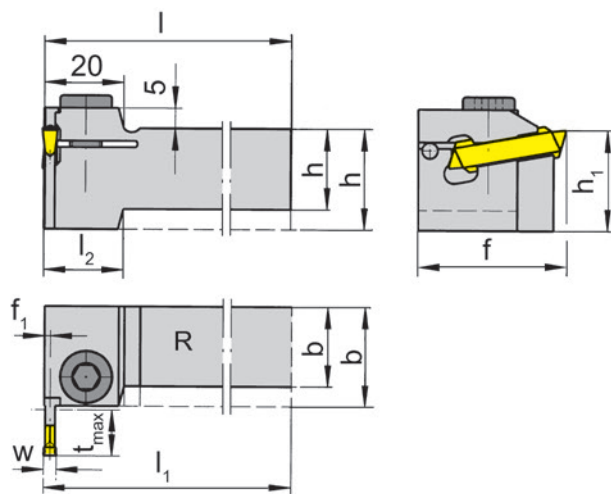
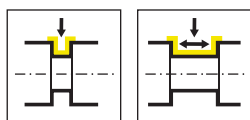
L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	h	b	l ₁	l ₂	l ₃	h ₁	f ₁	f	t _{max}	w	HWS
RH229.2020.25.0A.03.IK	20	20	113	44	50	25	18,55	f ₁ +w/2	25	3	229030
RH229.2020.25.0A.04.IK	20	20	113	44	50	25	18,15	f ₁ +w/2	25	4	229040
RH229.2020.25.0A.05.IK	20	20	113	44	50	25	17,75	f ₁ +w/2	25	5	229040
RH229.2020.25.0A.06.IK	20	20	113	44	50	25	17,4	f ₁ +w/2	25	6	229051
RH229.2020.25.0A.08.IK	20	20	113	44	50	32	16,9	f ₁ +w/2	25	8	229081
RH229.2525.25.0A.03.IK	25	25	128	44	50	32	23,55	f ₁ +w/2	25	3	229030
RH229.2525.25.0A.04.IK	25	25	128	44	50	32	23,15	f ₁ +w/2	25	4	229040
RH229.2525.25.0A.05.IK	25	25	128	44	50	32	22,75	f ₁ +w/2	25	5	229040
RH229.2525.25.0A.06.IK	25	25	128	44	50	32	22,4	f ₁ +w/2	25	6	229051
RH229.2525.25.0A.08.IK	25	25	128	44	50	32	21,9	f ₁ +w/2	25	8	229081
LH229.2020.25.0A.03.IK	20	20	113	44	50	25	18,55	f ₁ +w/2	25	3	229030
LH229.2020.25.0A.04.IK	20	20	113	44	50	25	18,15	f ₁ +w/2	25	4	229040
LH229.2020.25.0A.05.IK	20	20	113	44	50	25	17,75	f ₁ +w/2	25	5	229040
LH229.2020.25.0A.06.IK	20	20	113	44	50	25	17,4	f ₁ +w/2	25	6	229051
LH229.2020.25.0A.08.IK	20	20	113	44	50	32	16,9	f ₁ +w/2	25	8	229081
LH229.2525.25.0A.03.IK	25	25	128	44	50	32	23,55	f ₁ +w/2	25	3	229030
LH229.2525.25.0A.04.IK	25	25	128	44	50	32	23,15	f ₁ +w/2	25	4	229040
LH229.2525.25.0A.05.IK	25	25	128	44	50	32	22,75	f ₁ +w/2	25	5	229040
LH229.2525.25.0A.06.IK	25	25	128	44	50	32	22,4	f ₁ +w/2	25	6	229051
LH229.2525.25.0A.08.IK	25	25	128	44	50	32	21,9	f ₁ +w/2	25	8	229081

Pièces Détachées

Ricambi

Porte outils Portainsero	Arrosage Lubrificazione	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LH229...	004.00.16	6.23T25P	T25PQ



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

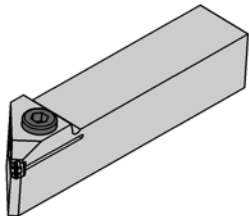
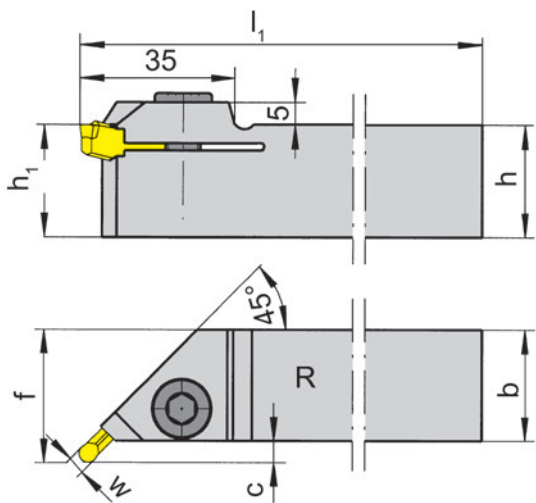
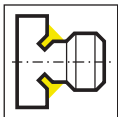
Número de commande Codice prodotto	h	b	l	l_1	l_2	h_1	f	f_1	t_{max}	Plage de serrage Campo di serraggio	HWS
R219.2020.03	20	20	150	$l-f_1+w/2$	20	25	37	1,45	11	3,0-4,0	229030
R219.2525.03	25	25	150	$l-f_1+w/2$	-	25	37	1,45	11	3,0-4,0	229030
R219.2020.04	20	20	150	$l-f_1+w/2$	20	25	37	2,3	11	4,0-5,0	229040
R219.2525.04	25	25	150	$l-f_1+w/2$	-	25	37	2,3	11	4,0-5,0	229040
R219.2020.05	20	20	150	$l-f_1+w/2$	23	25	45	2,8	15	5,1-6,0	229050 • 229051
R219.2525.05	25	25	150	$l-f_1+w/2$	-	25	45	2,8	15	5,1-6,0	229050 • 229051
R219.2020.07	20	20	150	$l-f_1+w/2$	23	25	45	3,8	15	6,1-8,0	229070 • 229071
R219.2525.07	25	25	150	$l-f_1+w/2$	-	25	45	3,8	15	6,1-8,0	229070 • 229071
L219.2020.03	20	20	150	$l-f_1+w/2$	20	25	37	1,45	11	3,0-4,0	229030
L219.2525.03	25	25	150	$l-f_1+w/2$	-	25	37	1,45	11	3,0-4,0	229030
L219.2020.04	20	20	150	$l-f_1+w/2$	20	25	37	2,3	11	4,0-5,0	229040
L219.2525.04	25	25	150	$l-f_1+w/2$	-	25	37	2,3	11	4,0-5,0	229040
L219.2020.05	20	20	150	$l-f_1+w/2$	23	25	45	2,8	15	5,1-6,0	229050 • 229051
L219.2525.05	25	25	150	$l-f_1+w/2$	-	25	45	2,8	15	5,1-6,0	229050 • 229051
L219.2020.07	20	20	150	$l-f_1+w/2$	23	25	45	3,8	15	6,1-8,0	229070 • 229071
L219.2525.07	25	25	150	$l-f_1+w/2$	-	25	45	3,8	15	6,1-8,0	229070 • 229071

w voir plaquettes amovibles
w vd. inserti

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L219...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

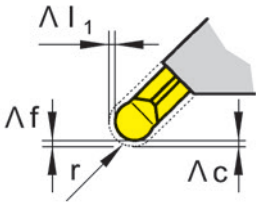
Número de commande Codice prodotto	h	b	l ₁	h ₁	f	C	D _{min}	Largeur de coupe Larghezza della gola	HWS
R225.2525.04	25	25	150	25	30	5	50	4,0-5,0	229040
R225.2525.05	25	25	150	25	30,5	5,5	50	5,1-6,0	229050 • 229051
L225.2525.04	25	25	150	25	30	5	50	4,0-5,0	229040
L225.2525.05	25	25	150	25	30,5	5,5	50	5,1-6,0	229050 • 229051

w voir plaquettes amovibles
w vd. inserti

Facteur de correction Δl_1 , Δc et Δf en fonction
du rayon r

Fattore di correzione Δl_1 , Δc e Δf in funzione del raggio r

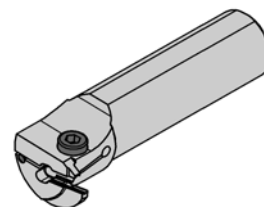
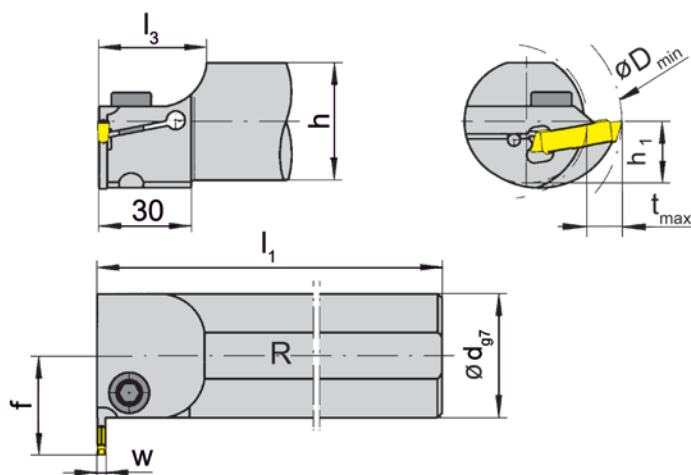
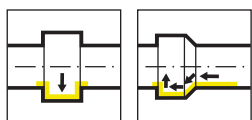
r	Δl_1	Δc	Δf
2,5-3	0	0	0
2	-0,147	-0,147	-0,147
1,5	-0,293	-0,293	-0,293



Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L225...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

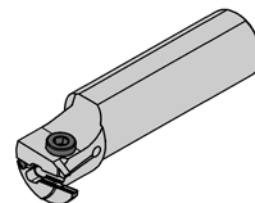
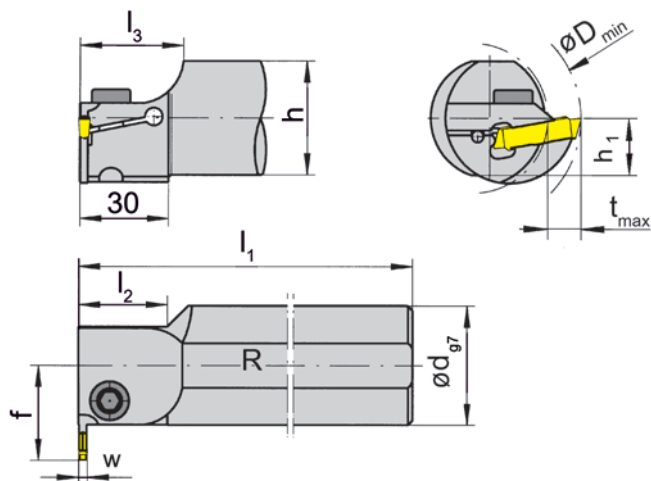
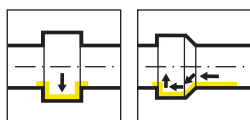
Número de commande Codice prodotto	d	l ₁	l ₃	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R213.0032.0.03	32	150	35	30	15	28	11,5	46	3,0-4,0	229030
R213.0040.0.03	40	180	39,4	38	19	32	11,5	54	3,0-4,0	229030
R213.0032.0.04	32	150	35	30	15	28	11,5	46	4,0-5,0	229040
R213.0040.0.04	40	180	39,4	38	19	32	11,5	54	4,0-5,0	229040
R213.0032.0.05	32	150	35	30	15	28	11,5	46	5,1-6,0	229051
R213.0040.0.05	40	180	39,4	38	19	32	11,5	54	5,1-6,0	229051
L213.0032.0.03	32	150	35	30	15	28	11,5	46	3,0-4,0	229030
L213.0040.0.03	40	180	39,4	38	19	32	11,5	54	3,0-4,0	229030
L213.0032.0.04	32	150	35	30	15	28	11,5	46	4,0-5,0	229040
L213.0040.0.04	40	180	39,4	38	19	32	11,5	54	4,0-5,0	229040
L213.0032.0.05	32	150	35	30	15	28	11,5	46	5,1-6,0	229051
L213.0040.0.05	40	180	39,4	38	19	32	11,5	54	5,1-6,0	229051

w voir plaquettes amovibles
w vd. inserti

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L213...	218.3



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	d	l ₁	l ₂	l ₃	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R213.0025.03	25	150	-	31,8	23	11,5	24,5	7,5	38	3,0-4,0	229030
R213.0032.03	32	150	30	35	30	15	28	7,5	38	3,0-4,0	229030
R213.0040.03	40	180	30	37,4	38	19	32	11,5	50	3,0-4,0	229030
R213.0050.03	50	200	30	39,1	47	23,5	40,5	15	60	3,0-4,0	229030
R213.0025.04	25	150	-	31,8	23	11,5	24,5	7,5	38	4,0-5,0	229040
R213.0032.04	32	150	30	35	30	15	28	7,5	38	4,0-5,0	229040
R213.0040.04	40	180	30	37,4	38	19	32	11,5	50	4,0-5,0	229040
R213.0050.04	50	200	30	39,1	47	23,5	40,5	15	60	4,0-5,0	229040
R213.0032.05	32	150	-	35	30	15	28	11,5	46	5,1-6,0	229051
R213.0040.05	40	180	30	35	38	19	32	11,5	50	5,1-6,0	229051
R213.0050.05	50	200	30	40	47	23,5	40,5	15	60	5,1-6,0	229051
R213.0040.07	40	180	30	35	38	19	32	11,5	50	6,1-8,0	229070 • 229071
R213.0050.07	50	200	30	40	47	23,5	40,5	15	60	6,1-8,0	229070 • 229071
L213.0025.03	25	150	-	31,8	23	11,5	24,5	7,5	38	3,0-4,0	229030
L213.0032.03	32	150	30	35	30	15	28	7,5	38	3,0-4,0	229030
L213.0040.03	40	180	30	37,4	38	19	32	11,5	50	3,0-4,0	229030
L213.0050.03	50	200	30	39,1	47	23,5	40,5	15	60	3,0-4,0	229030
L213.0025.04	25	150	-	31,8	23	11,5	24,5	7,5	38	4,0-5,0	229040
L213.0032.04	32	150	-	35	30	15	28	7,5	38	4,0-5,0	229040
L213.0040.04	40	180	30	37,4	38	19	32	11,5	50	4,0-5,0	229040
L213.0050.04	50	200	30	39,1	47	23,5	40,5	15	60	4,0-5,0	229040
L213.0032.05	32	150	-	35	30	15	28	11,5	46	5,1-6,0	229051
L213.0040.05	40	180	30	35	38	19	32	11,5	50	5,1-6,0	229051
L213.0050.05	50	200	30	40	47	23,5	40,5	15	60	5,1-6,0	229051
L213.0040.07	40	180	30	35	38	19	32	11,5	50	6,1-8,0	229070 • 229071
L213.0050.07	50	200	30	40	47	23,5	40,5	15	60	6,1-8,0	229070 • 229071

w voir plaquettes amovibles
w vd. inserti

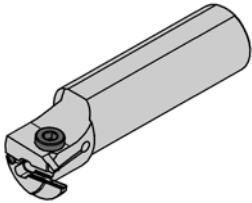
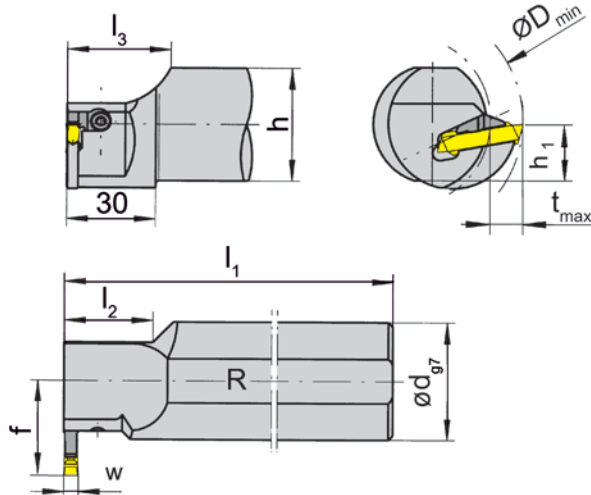
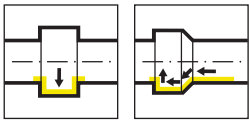
Le t_{max} = 11,5 mm sera atteint dans un D_{min} 46 mm

La piena profondità di taglio t_{max} = 11,5 mm può essere raggiunta solo a partire da D_{min} 46 mm

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L213...	218.3



R = version à droite représentée
R = versione destra come in figura

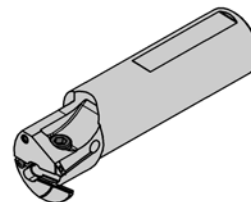
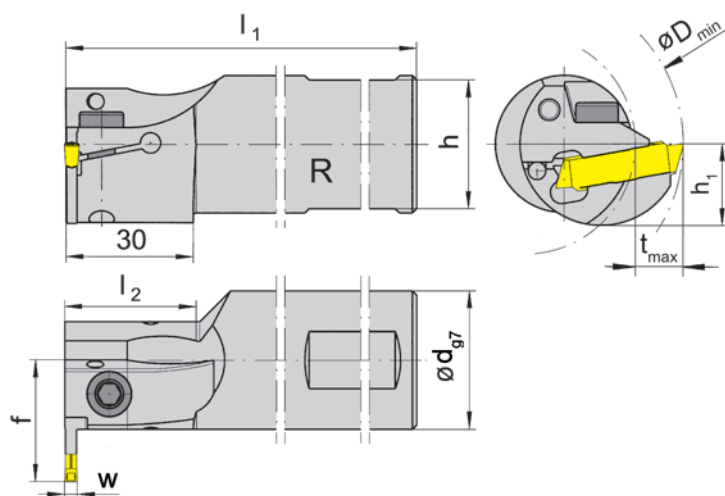
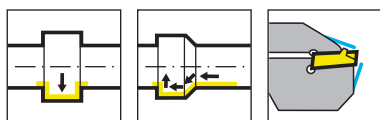
L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	d	l ₁	l ₂	l ₃	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R213.0040.09	40	180	30	35	38	19	32	11,5	50	8,1-10,4	229091
R213.0050.09	50	200	30	40	47	23,5	40,5	15	60	8,1-10,4	229091
L213.0040.09	40	180	30	35	38	19	32	11,5	50	8,1-10,4	229091
L213.0050.09	50	200	30	40	47	23,5	40,5	15	60	8,1-10,4	229091

w voir plaquettes amovibles
w vd. inserti

Pièces Détachées
Ricambi

Porte outils Portainsero	Bride Staffa	Tournevis TORX PLUS® Cacciavite TORX PLUS®
L213.0...	R218.9	T15PQ
R213.0...	L218.9	T15PQ



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	d	l ₁	l ₂	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R213.0025.03IK	25	150	-	23	11,5	24,5	7,5	38	3-4	229030
R213.0025.04IK	25	150	-	23	11,5	24,5	7,5	38	4-5	229040
R213.0032.03IK	32	150	30	30	15	28	7,5	38	3-4	229030
R213.0032.04IK	32	150	30	30	15	28	7,5	38	4-5	229040
R213.0040.03IK	40	180	30	38	19	32	11,5	50	3-4	229030
R213.0040.04IK	40	180	30	38	19	32	11,5	50	4-5	229040
L213.0025.03IK	25	150	-	23	11,5	24,5	7,5	38	3-4	229030
L213.0025.04IK	25	150	-	23	11,5	24,5	7,5	38	4-5	229040
L213.0032.03IK	32	150	30	30	15	28	7,5	38	3-4	229030
L213.0032.04IK	32	150	30	30	15	28	7,5	38	4-5	229040
L213.0040.03IK	40	180	30	38	19	32	11,5	50	3-4	229030
L213.0040.04IK	40	180	30	38	19	32	11,5	50	4-5	229040

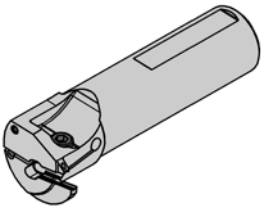
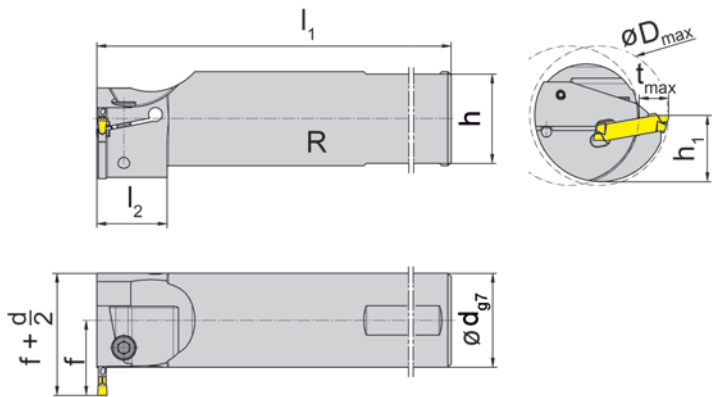
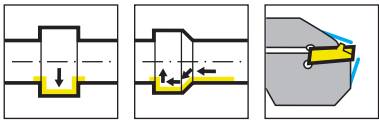
w voir plaquettes amovibles
w vd. inserti

Selon porte outils avec Ø 25 ou 32 mm

Le t_{max} = 11,5 mm sera atteint dans un D_{min} 46 mm

Rif. portainsero con gambo Ø 25 o 32 mm

La piena profondità di taglio t_{max} = 11,5 mm può essere raggiunta solo a partire da D_{min} 46 mm

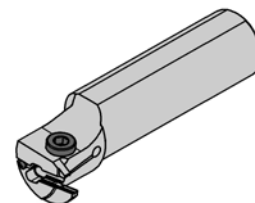
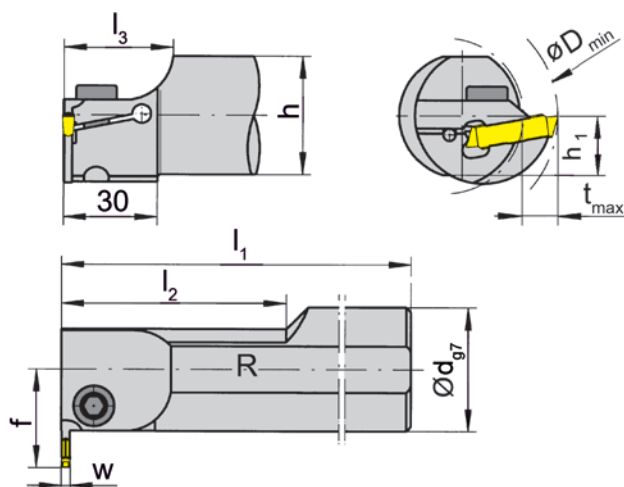
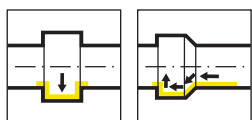


R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	d	l ₁	l ₂	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R213.0032.0.03IK	32	150	30	30	15	28	11,5	46	3,0-4,0	229030
R213.0032.0.04IK	32	150	30	30	15	28	11,5	46	4,0-5,0	229040
R213.0040.0.04IK	40	180	30	38	19	32	11,5	54	4,0-5,0	229040
R213.0040.0.05IK	40	180	30	38	19	32	11,5	54	5,1-6,0	229051
L213.0032.0.03IK	32	150	30	30	15	28	11,5	46	3,0-4,0	229030
L213.0032.0.04IK	32	150	30	30	15	28	11,5	46	4,0-5,0	229040
L213.0040.0.04IK	40	180	30	38	19	32	11,5	54	4,0-5,0	229040
L213.0040.0.05IK	40	180	30	38	19	32	11,5	54	5,1-6,0	229051

w voir plaquettes amovibles
w vd. inserti



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	d	l ₁	l ₂	l ₃	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R214.0032.03	32	200	70	35	30	15	28	7,5	38	3,0-4,0	229030
R214.0040.03	40	250	80	35	38	19	32	11,5	50	3,0-4,0	229030
R214.0050.03	50	250	100	40	47	23,5	40,5	15	60	3,0-4,0	229030
R214.0032.04	32	200	70	35	30	15	28	7,5	38	4,0-5,0	229040
R214.0040.04	40	250	80	35	38	19	32	11,5	50	4,0-5,0	229040
R214.0050.04	50	250	100	40	47	23,5	40,5	15	60	4,0-5,0	229040
R214.0032.05	32	200	-	35	30	15	28	11,5	46	5,1-6,0	229050 • 229051
R214.0040.05	40	250	80	35	38	19	32	11,5	50	5,1-6,0	229050 • 229051
R214.0050.05	50	250	100	40	47	23,5	40,5	15	60	5,1-6,0	229050 • 229051
R214.0040.07	40	250	80	35	38	19	32	11,5	50	6,1-8,0	229070 • 229071
R214.0050.07	50	250	100	40	47	23,5	40,5	15	60	6,1-8,0	229070 • 229071
L214.0032.03	32	200	70	35	30	15	28	7,5	38	3,0-4,0	229030
L214.0040.03	40	250	80	35	38	19	32	11,5	50	3,0-4,0	229030
L214.0050.03	50	250	100	40	47	23,5	40,5	15	60	3,0-4,0	229030
L214.0032.04	32	200	70	35	30	15	28	7,5	38	4,0-5,0	229040
L214.0040.04	40	250	80	35	38	19	32	11,5	50	4,0-5,0	229040
L214.0050.04	50	250	100	40	47	23,5	40,5	15	60	4,0-5,0	229040
L214.0032.05	32	200	-	35	30	15	28	11,5	46	5,1-6,0	229050 • 229051
L214.0040.05	40	250	80	35	38	19	32	11,5	50	5,1-6,0	229050 • 229051
L214.0050.05	50	250	100	40	47	23,5	40,5	15	60	5,1-6,0	229050 • 229051
L214.0040.07	40	250	80	35	38	19	32	11,5	50	6,1-8,0	229070 • 229071
L214.0050.07	50	250	100	40	47	23,5	40,5	15	60	6,1-8,0	229070 • 229071

w voir plaquettes amovibles
w vd. inserti

Selon porte outils avec Ø 25 ou 32 mm

Le t_{max} = 11,5 mm sera atteint dans un D_{min} 46 mm

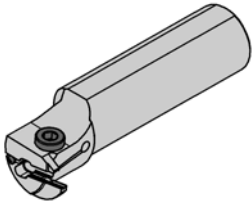
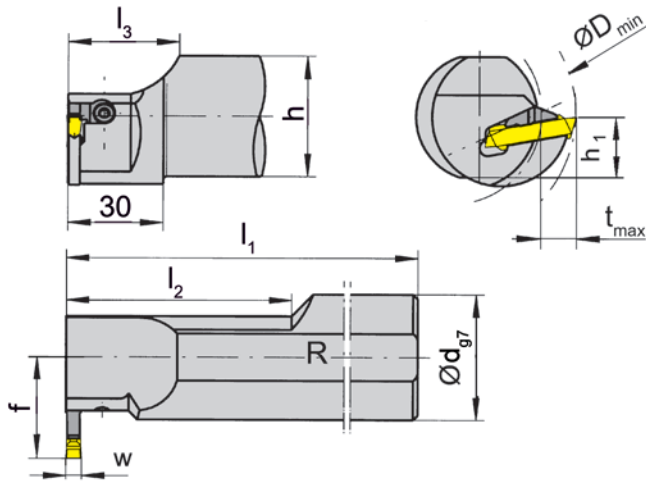
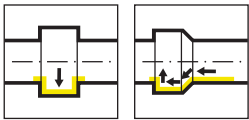
Rif. portainsero con gambo Ø 25 o 32 mm

La piena profondità di taglio t_{max} = 11,5 mm può essere raggiunta solo a partire da D_{min} 46 mm

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio
R/L214...	218.3



R = version à droite représentée
R = versione destra come in figura

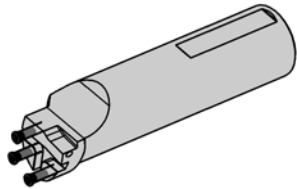
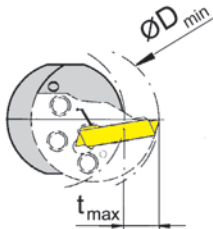
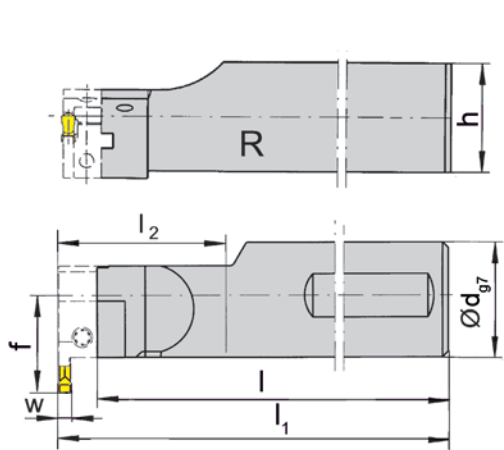
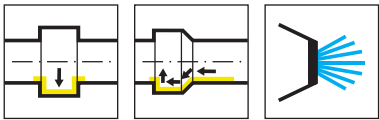
L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	d	l ₁	l ₂	l ₃	h	h ₁	f	t _{max}	D _{min}	Plage de serrage Campo di serraggio	HWS
R214.0040.09	40	250	80	35	38	19	32	11,5	50	8,1-10,4	229091
R214.0050.09	50	250	100	40	47	23,5	40,5	15	60	8,1-10,4	229091
L214.0040.09	40	250	80	35	38	19	32	11,5	50	8,1-10,4	229091
L214.0050.09	50	250	100	40	47	23,5	40,5	15	60	8,1-10,4	229091

w voir plaquettes amovibles
w vd. inserti

Pièces Détachées
Ricambi

Porte outils Portainsero	Bride Staffa	Tournevis TORX PLUS® Cacciavite TORX PLUS®
L214.0...	R218.9	T15PQ
R214.0...	L218.9	T15PQ



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

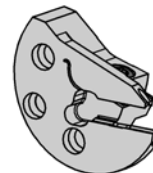
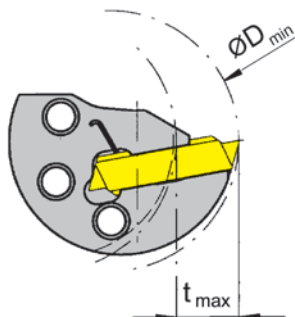
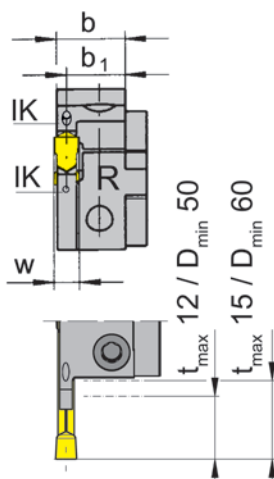
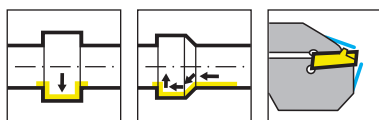
Número de commande Codice prodotto	d	l	l ₂	h	f	HWS
RB229.0040.1.K2.IK	40	172,5	30	38	35,5	BK2291
RB229.0040.2.K2.IK	40	185,5	60	38	35,5	BK2291
RB229.0040.3.K2.IK	40	215,5	90	38	35,5	BK2291
LB229.0040.1.K2.IK	40	172,5	30	38	35,5	BK2292
LB229.0040.2.K2.IK	40	185,5	60	38	35,5	BK2292
LB229.0040.3.K2.IK	40	215,5	90	38	35,5	BK2292

w voir plaquettes amovibles
w vd. inserti

Note:
pour cassettes BK229 avec arrosage interne
Nota:
per cartucce BK229 con lubrorefrigerante

Pièces Détachées
Ricambi

Base de support Attacco Base	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LB229...	030.0518.T20P	T20PQ



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra

Numéro de commande Codice prodotto	b	b ₁	Plage de serrage Campo di serraggio	HWS	HMS
RBK229.0050.03.IK	14,2	13	3,00-4,00	229030	BK2291
RBK229.0050.04.IK	14,15	12,5	4,00-5,09	229040	BK2291
RBK229.0050.05.IK	13,8	11,5	5,10-6,00	229050 • 229051	BK2292
LBK229.0050.03.IK	14,2	13	3,00-4,00	229030	BK2292
LBK229.0050.04.IK	14,15	12,5	4,00-5,09	229040	BK2292
LBK229.0050.05.IK	13,8	11,5	5,10-6,00	229050 • 229051	BK2292

w voir plaquettes amovibles
w vd. inserti

Note:

pour base du support B229 avec arrosage interne

Nota:

per attacco base B229 con lubrorefrigerante

La vis de serrage est vendue avec le base de support.

La vite di bloccaggio è fornita col portainserito base - non va ordinata separatamente.

Profondeur de gorge selon le ø d'alésage

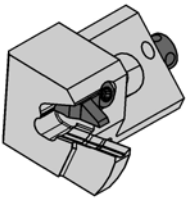
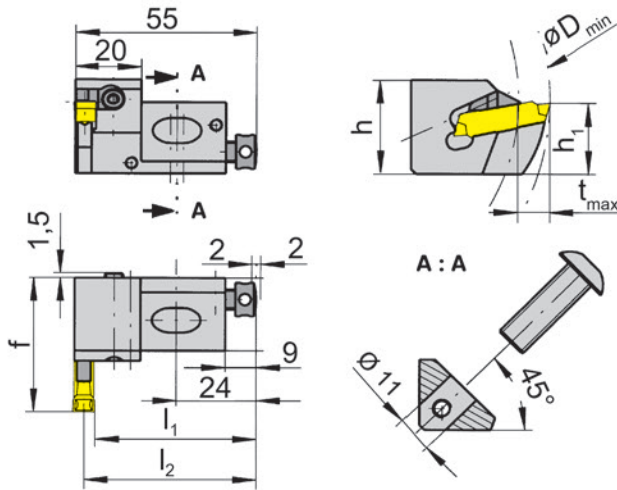
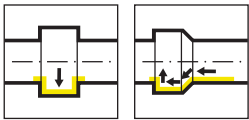
Profondità gola in funzione al ø del foro

Dmin	tmax
50	12
60	15

Pièces Détachées

Ricambi

Cassette Cartuccia	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LBK229...	5.13T20EP	T20PQ

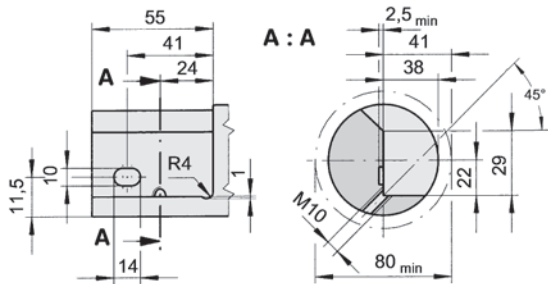


R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Número de commande Codice prodotto	h	h ₁	f	l ₂	l ₁
R257.2222.05	29	22	42	52,2	l ₂ -w/2
R257.2222.07	29	22	42	51,2	l ₂ -w/2
R257.2222.09	29	22	42	50,2	l ₂ -w/2
L257.2222.05	29	22	42	52,2	l ₂ -w/2
L257.2222.07	29	22	42	51,2	l ₂ -w/2
L257.2222.09	29	22	42	50,2	l ₂ -w/2

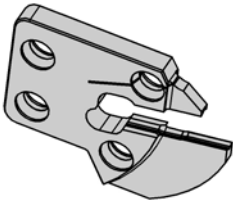
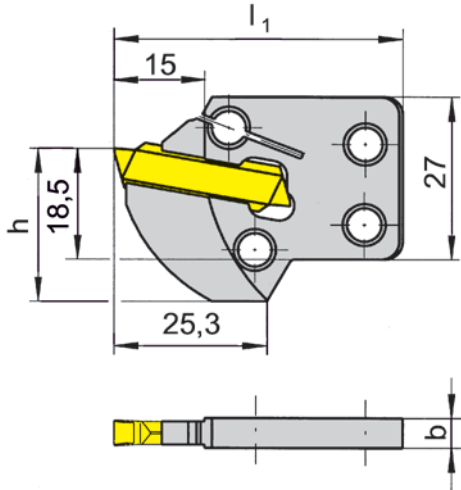
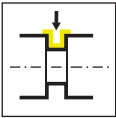
w voir plaquettes amovibles
w vd. inserti



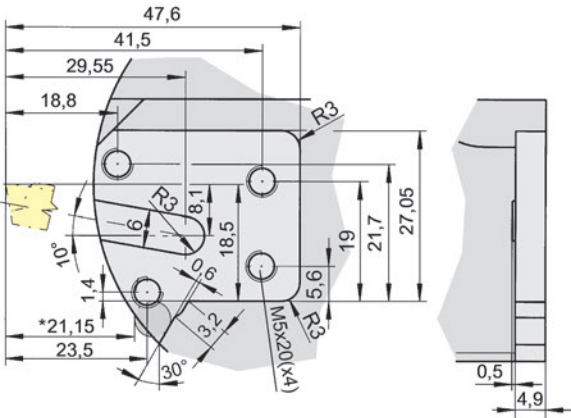
Pièces Détachées

Ricambi

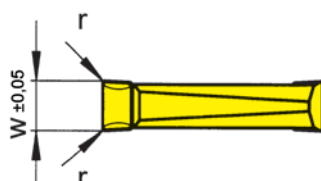
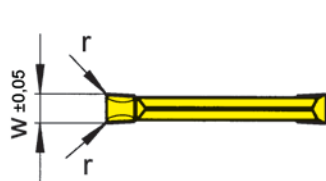
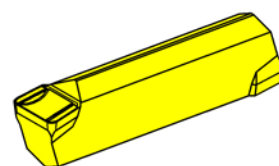
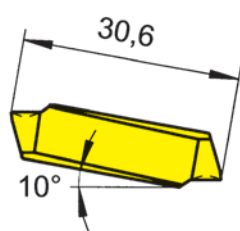
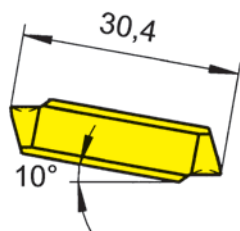
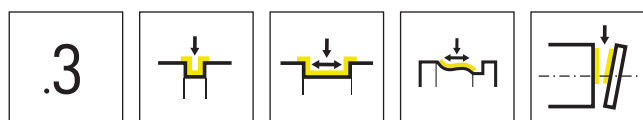
Cartouche Cartuccia	Vis de serrage Vite di serraggio	Vis Vite	Bride Staffa	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/L257.2222.05	218.3	6.12.020		
R/L257.2222.07	4.08.913	6.12.020	R218.5.7.32	T15PQ
R/L257.2222.09	4.08.913	6.12.020	R218.9.32	T15PQ



Numéro de commande	D _{min}	D _{min} 2	t _{max}	b	l ₁	h	HWS	HMS
Codice prodotto								
050.1827.0009	62	80	10-14	4,9	47	18,5	229040	500000
050.1827.0071	62	80	10-14	4,9	47	18,5	229030	500000



*Côte mesure pour ø 6 mm
Su spina di riferimento ø 6 mm



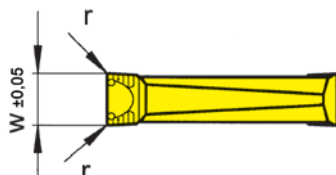
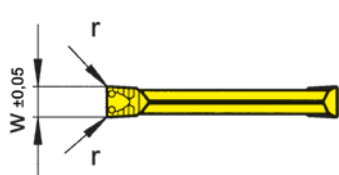
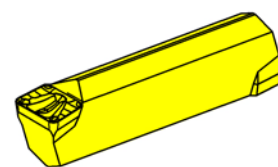
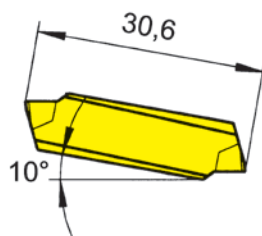
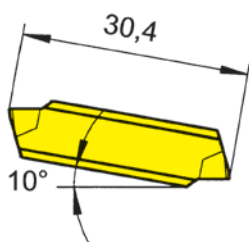
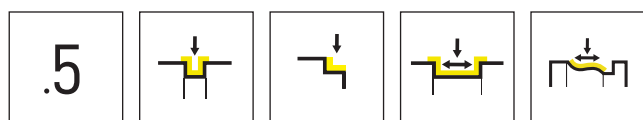
Largeur 3 - 5 mm
Larghezza 3 - 5 mm

Largeur 6 - 10 mm
Larghezza 6 - 10 mm

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	AL96	AS62	AS66	H54	IG66	TF45	TI22	TI25	TN32	TN35
S229.0300.32	3	0,2	229020 • 229030		▲	▲	▲	▲	▲		▲	▲	▲
S229.0300.34	3	0,4	229020 • 229030	▲	▲	▲	▲	▲	▲	Δ	▲	▲	▲
S229.0400.32	4	0,2	229030 • 229040		▲	▲	▲	▲	▲		▲	▲	▲
S229.0400.34	4	0,4	229030 • 229040		▲	▲	▲	▲	▲	Δ	▲	▲	▲
S229.0500.34	5	0,4	229040		▲	▲	Δ	▲	▲	▲	▲	▲	▲
S229.0500.36	5	0,6	229040				Δ	▲		Δ	Δ	Δ	Δ
S229.0600.34	6	0,4	229051	▲	▲	▲	Δ	▲	▲	Δ	▲	▲	▲
S229.0600.38	6	0,8	229051	▲	▲	▲		▲		Δ			
S229.0700.36	7	0,6	229071	Δ	▲			▲			▲	Δ	▲
S229.0800.36	8	0,6	229071 • 229081		▲			▲		▲	▲	▲	▲
S229.0800.38	8	0,8	229071 • 229081					▲				Δ	
S229.0800.3K	8	1,2	229071 • 229081					▲		Δ			
S229.1000.36	10	0,6	229091		▲			▲			▲	▲	▲
P	●	●	●	●	●	●	●	●	●	●	●	●	●
M	-	-	O	●	●	●	●	●	-	●	-	-	●
K	●	-	●	-	-	-	-	-	●	-	●	-	●
N	●	-	●	-	-	-	-	-	●	-	●	-	●
S	-	-	O	-	O	●	-	●	-	●	-	-	●
H	-	-	-	-	-	-	-	-	-	-	-	-	-



Largeur 3 - 5 mm
Larghezza 3 - 5 mm

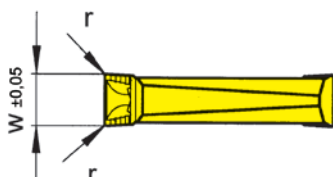
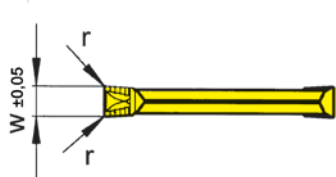
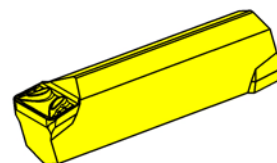
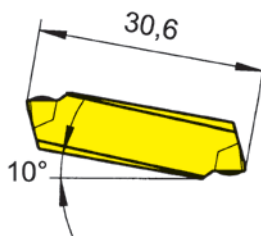
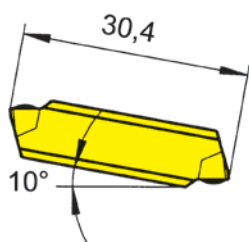
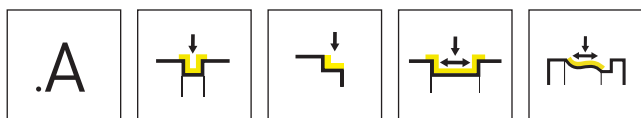
Largeur 6 - 10 mm
Larghezza 6 - 10 mm

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	AS62	AS65	IG66	TF45	TI22	TI25	TN32	TN35
S229.0300.52	3	0,2	229020 • 229030	▲		▲	▲	▲	▲	▲	▲
S229.0300.54	3	0,4	229020 • 229030	▲		▲	▲	▲	▲	▲	▲
S229.0400.52	4	0,2	229030 • 229040	▲		▲	▲	▲	▲	▲	▲
S229.0400.54	4	0,4	229030 • 229040	▲		▲	▲	▲	▲	▲	▲
S229.0500.54	5	0,4	229040	▲		▲	▲	▲	▲	▲	▲
S229.0500.56	5	0,6	229040			▲			Δ	Δ	Δ
S229.0600.54	6	0,4	229051	▲		▲	▲		▲	▲	▲
S229.0600.56	6	0,6	229051			▲			Δ	Δ	Δ
S229.0600.58	6	0,8	229051	▲	Δ	▲					
S229.0700.56	7	0,6	229071	▲				▲		Δ	
S229.0800.56	8	0,6	229071 • 229081	▲		Δ		▲		▲	
S229.0800.5K	8	1,2	229071 • 229081					Δ			
S229.1000.56	10	0,6	229091					▲		▲	
P	●	●	●	●	●	●	●	●	●	●	●
M	-	o	●	●	-	●	-	●	-	●	●
K	-	o	-	●	-	●	-	●	-	●	●
N	-	-	-	●	-	●	-	●	-	●	●
S	-	-	o	●	-	●	-	●	-	●	●
H	-	-	-	-	-	-	-	-	-	-	-

H



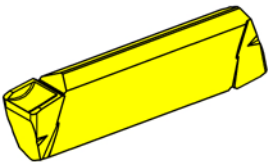
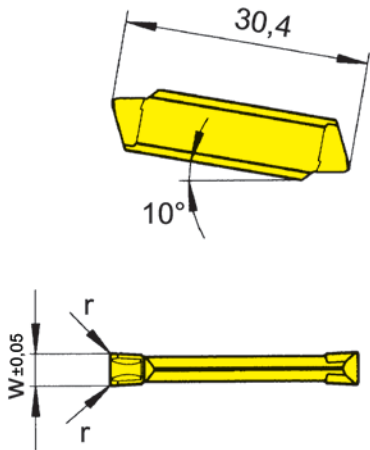
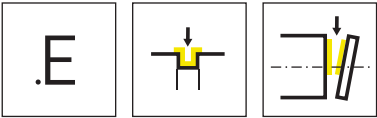
Largeur 3 - 5 mm
Larghezza 3 - 5 mm

Largeur 6 - 10 mm
Larghezza 6 - 10 mm

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Número de commande Codice prodotto	w	r	HIS	AS62	IG66	TF42	TF45	TI22	TI25	TN32	TN35
S229.0300.A2	3	0,2	229020 • 229030	▲			▲	▲	▲	▲	▲
S229.0300.A4	3	0,4	229020 • 229030	▲			▲	Δ	▲	▲	▲
S229.0400.A2	4	0,2	229030 • 229040	▲			▲	Δ	▲	▲	▲
S229.0400.A4	4	0,4	229030 • 229040	▲		▲	Δ	▲	▲	▲	▲
S229.0500.A4	5	0,4	229040	▲	▲		Δ	▲	Δ	▲	▲
S229.0500.A6	5	0,6	229040	▲	▲				▲		
S229.0600.A4	6	0,4	229051	▲		Δ	▲	▲	Δ	▲	▲
S229.0600.A8	6	0,8	229051	▲		Δ					
S229.0700.A6	7	0,6	229071			▲				Δ	
S229.0800.A6	8	0,6	229071 • 229081		Δ	Δ		▲		▲	
S229.0800.A8	8	0,8	229071 • 229081		Δ	Δ		Δ			
S229.0800.AK	8	1,2	229071 • 229081					Δ			
S229.1000.A6	10	0,6	229091		Δ			Δ		Δ	
S229.1000.A8	10	0,8	229091					Δ			
P	●	●	●	●	●	●	●	●	●	●	●
M	-	●	-	●	-	●	-	●	-	●	●
K	-	-	-	●	-	●	-	●	-	●	●
N	-	-	-	●	-	●	-	●	-	●	●
S	-	o	-	●	-	●	-	●	-	●	●
H	-	-	-	-	-	-	-	-	-	-	-



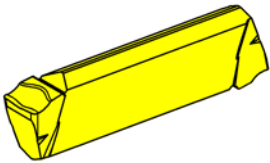
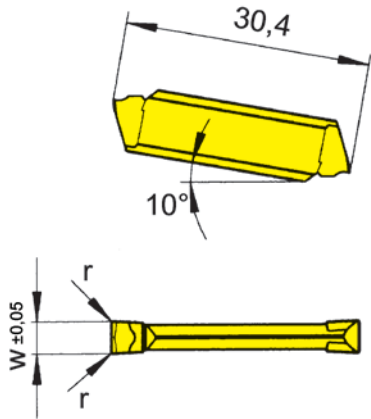
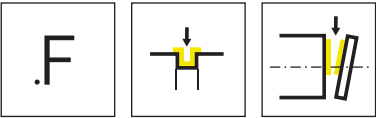
Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS					
					AS62	TF45	TF46	TI25
S229.0300.E2	3	0,2	229020 • 229030	▲	▲	▲	▲	▲
S229.0300.E4	3	0,4	229020 • 229030	▲	▲	▲	▲	▲
S229.0400.E2	4	0,2	229030 • 229040	▲	▲	Δ	▲	▲
S229.0400.E4	4	0,4	229030 • 229040	▲	▲	▲	▲	▲
P	•	•	•	•	•	•	•	•
M	-	•	•	•	•	•	•	•
K	-	•	•	•	•	•	•	•
N	-	•	•	•	•	•	•	•
S	-	•	•	•	•	•	•	•
H	-	-	-	-	-	-	-	-



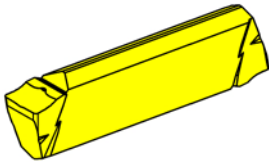
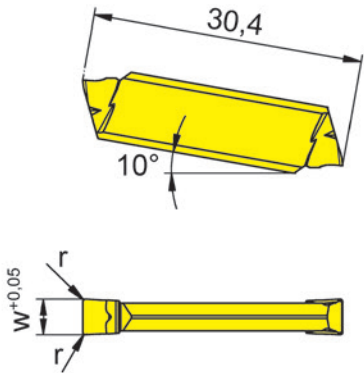
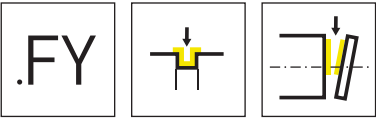


Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS					
					TF43	TF45	TF46	TI22
S229.0300.F2	3	0,2	229020 • 229030	▲	▲	▲	▲	▲
S229.0300.F4	3	0,4	229020 • 229030		▲	Δ	Δ	
S229.0400.F2	4	0,2	229030 • 229040	Δ	▲	Δ	Δ	
S229.0400.F4	4	0,4	229030 • 229040		▲	Δ	Δ	
				P	●	●	●	●
				M	-	●	○	-
				K	-	●	●	-
				N	-	●	●	-
				S	-	●	○	-
				H	-	-	-	-



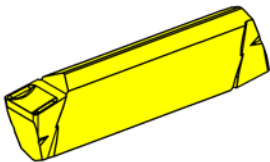
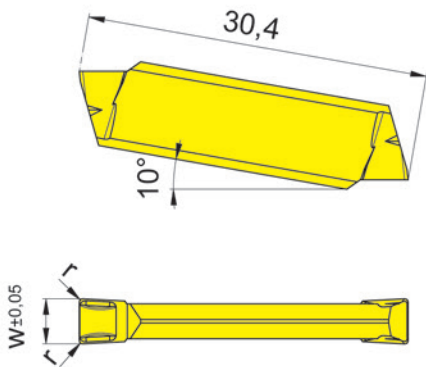
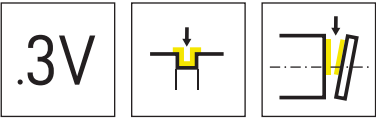
Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS					
					HP65	IG35	PH35	TI25
S229.0300.FY2	3	0,2	229020 • 229030		▲	▲	Δ	▲
S229.0400.FY3	4	0,3	229030 • 229040		▲	▲	Δ	▲
				P	●	-	○	●
				M	●	●	○	●
				K	●	-	●	●
				N	○	-	-	●
				S	●	●	-	●
				H	-	-	-	-

H



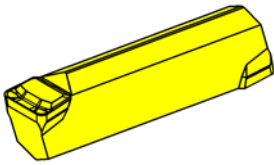
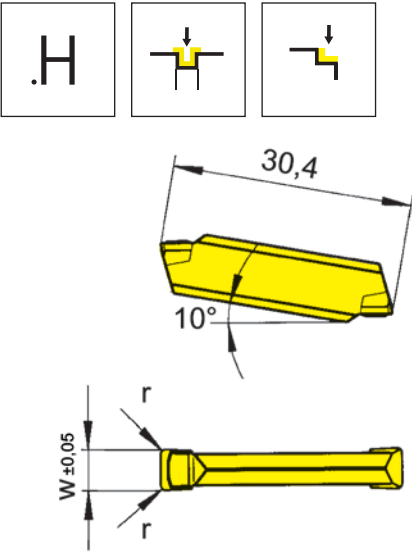
▲ en stock
a stock

Δ 4 semaines
4 settimane

Nuance
Leghe

Numéro de commande Codice prodotto	w	r	HIS			
				AS45	HP65	IG35
S229.0300.3V2	3	0,2	229020 • 229030	▲	▲	▲
S229.0400.3V3	4	0,3	229030 • 229040	▲	▲	▲
				P	●	●
				M	●	●
				K	●	●
				N	○	○
				S	●	●
				H	-	-





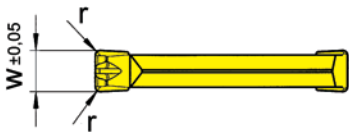
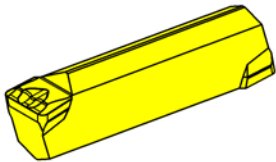
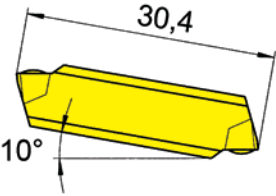
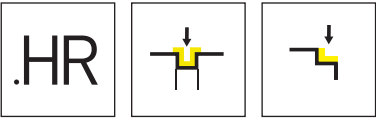
Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	TF42
S229.0300.H4	3	0,4	229020 • 229030	Δ
S229.0300.H6	3	0,6	229020 • 229030	▲
S229.0400.H4	4	0,4	229030 • 229040	▲
S229.0400.H6	4	0,6	229030 • 229040	Δ
S229.0500.H4	5	0,4	229040	Δ
S229.0500.H6	5	0,6	229040	Δ
S229.0500.H8	5	0,8	229040	Δ
S229.0600.H4	6	0,4	229051	▲
S229.0600.H6	6	0,6	229051	Δ
S229.0600.H8	6	0,8	229051	Δ
S229.0600.HK	6	1,2	229051	Δ
				P •
				M -
				K -
				N -
				S -
				H -

H

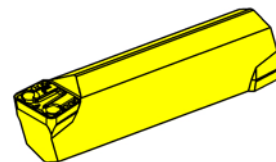
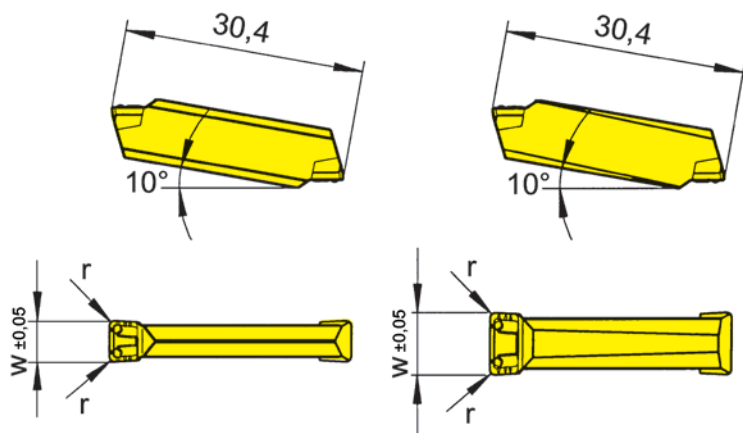
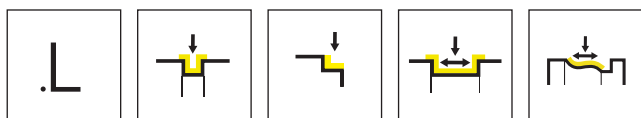


▲ en stock
a stock

Δ 4 semaines
4 settimane

Nuance
Leghe

Numéro de commande Codice prodotto	w	r	HIS	AS62	AS66	IG66
S229.0300.HR4	3	0,4	229020 • 229030	▲	Δ	▲
S229.0400.HR4	4	0,4	229030 • 229040	▲	▲	▲
S229.0500.HR4	5	0,4	229040	▲	▲	▲
S229.0500.HR6	5	0,6	229040	▲	▲	▲
S229.0500.HR8	5	0,8	229040	▲	Δ	▲
S229.0600.HR4	6	0,4	229050	▲	▲	▲
S229.0600.HR6	6	0,6	229050	▲	▲	▲
S229.0600.HR8	6	0,8	229050	▲	Δ	▲
S229.0800.HR8.PG	8	0,8	229071 • 229081	▲		▲
P	●	●	●			
M	-	o	●			
K	-	●	-			
N	-	●	-			
S	-	o	o			
H	-	-	-			



Largeur 4 - 5 mm
Larghezza 4 - 5 mm

Largeur 6 - 8 mm
Larghezza 6,0 - 8,0 mm

▲ en stock
a stock

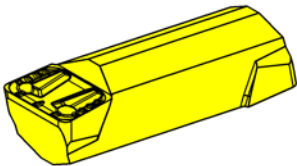
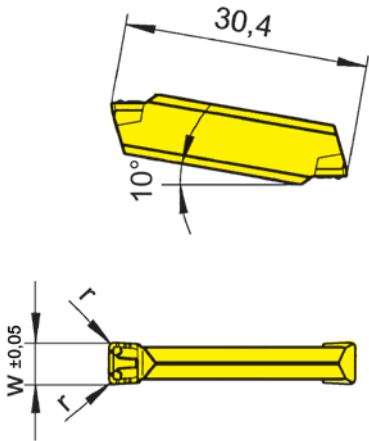
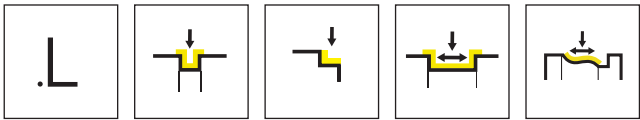
Nuance
Leghe
Δ 4 semaines
4 settimane

Número de commande Codice prodotto	w	r	HIS	AS62	AS65	AS66	IG65	IG66	TF42	TI22
S229.0300.L2	3	0,2	229020 • 229030		▲		▲			
S229.0300.L4	3	0,4	229020 • 229030		▲		▲			
S229.0300.L6	3	0,6	229020 • 229030		▲		▲			
S229.0300.L8	3	0,8	229020 • 229030		▲		▲			
S229.0400.L4	4	0,4	229030 • 229040	▲		▲		▲	▲	▲
S229.0400.L6	4	0,6	229030 • 229040			▲		▲		
S229.0500.L4	5	0,4	229040	▲		▲		▲	▲	▲
S229.0500.L6	5	0,6	229040	▲		▲		▲	▲	
S229.0500.L8	5	0,8	229040	▲		▲		▲	▲	
S229.0600.L4	6	0,4	229050	▲		▲		▲	▲	▲
S229.0600.L6	6	0,6	229050	▲		▲		▲	▲	▲
S229.0800.L6	8	0,6	229071	▲		▲		▲	▲	▲
P	●	●	●	●	●	●	●	●	●	●
M	-	o	o	●	●	-	-	-	-	-
K	-	o	●	-	-	-	-	-	-	-
N	-	-	●	-	-	-	-	-	-	-
S	-	-	o	o	o	-	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-

H

Plaquette amovible Inserto

S229



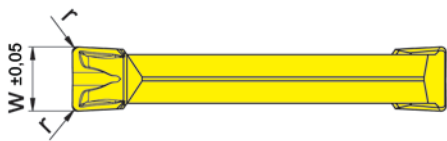
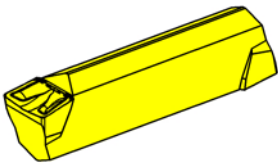
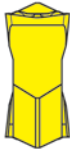
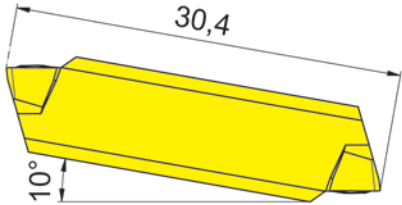
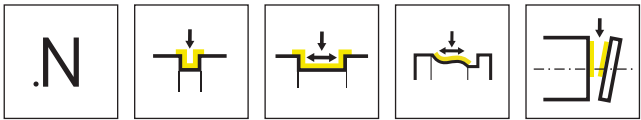
Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	AS62	IG66
S229.0600.L4.PG	6	0,4	229050	▲	▲
S229.0800.L8.PG	8	0,8	229071 • 229081	▲	▲
				P	●
				M	-
				K	-
				N	-
				S	-
				H	-

H



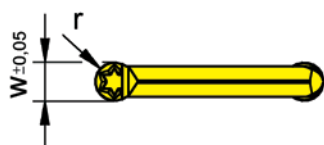
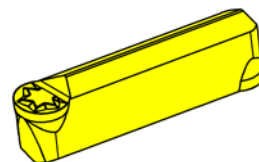
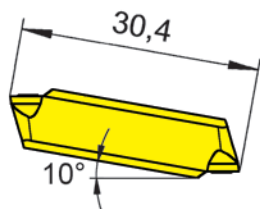
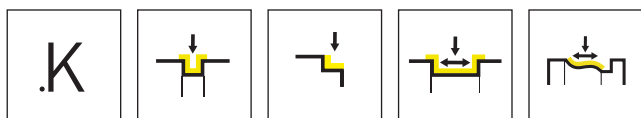
Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS					
					AS45	AS62	IG66	TI25
S229.0300.N2.G	3	0,2	229020 • 229030	▲			▲	
S229.0300.N4.G	3	0,4	229020 • 229030	▲			▲	
S229.0400.N2.G	4	0,2	229030 • 229040	▲			▲	
S229.0400.N4.G	4	0,4	229030 • 229040	▲			▲	
S229.0500.N2.G	5	0,2	229040				▲	▲
S229.0500.N4.G	5	0,4	229040	▲	▲		▲	Δ
S229.0500.N6.G	5	0,6	229040	Δ	▲		▲	Δ
S229.0500.N8.G	5	0,8	229040			▲	▲	
S229.0600.N4.G	6	0,4	229050	▲			▲	Δ
S229.0600.N6.G	6	0,6	229050	▲			▲	Δ
P	●	●	●	●	●	●	●	●
M	●	-	●	●	●	●	●	●
K	●	-	-	●	●	●	●	●
N	○	-	-	●	●	●	●	●
S	●	-	○	●	●	●	●	●
H	-	-	-	-	-	-	-	-





▲ en stock
a stock

Δ 4 semaines
4 settimane

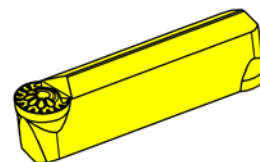
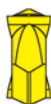
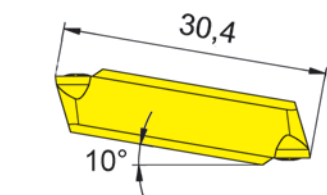
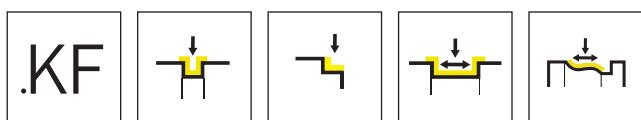
Nuance
Leghe

Número de commande Codice prodotto	w	r	HIS	AS62	AS66	IG66
S229.0015.K3	3	1,5	229020 • 229030	▲	▲	▲
S229.0020.K4	4	2	229030 • 229040	▲	▲	▲
S229.0025.K5	5	2,5	229040	▲	▲	▲
S229.0030.K6	6	3	229050	▲	▲	▲
S229.0040.K8	8	4	229070 • 229080	▲	▲	▲
P	•	•	•	•	•	•
M	-	o	•	•	•	•
K	-	•	-	•	•	•
N	-	•	-	•	•	•
S	-	o	o	•	•	•
H	-	-	-	•	•	•

D_{min} pour rayon de dégagement avec porte outils à 45°

D_{min} per scarico di rettifica con portainsero 45°

t _{max}	S229.0015.K3	S229.0020.K4	S229.0025.K5	S229.0030.K6
0,5	Ø 26	Ø 26	Ø 32	Ø 32
1,0	Ø 76	Ø 55	Ø 42	Ø 37
1,5	Ø 78	Ø 58	Ø 45	Ø 41
2,0	Ø 80	Ø 59	Ø 46	Ø 42
2,5	Ø 82	Ø 60	Ø 47	Ø 43
3,0	Ø 84	Ø 62	Ø 48	Ø 44
3,5	Ø 87	Ø 63	Ø 49	Ø 46
4,0	Ø 89	Ø 65	Ø 50	Ø 47



Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

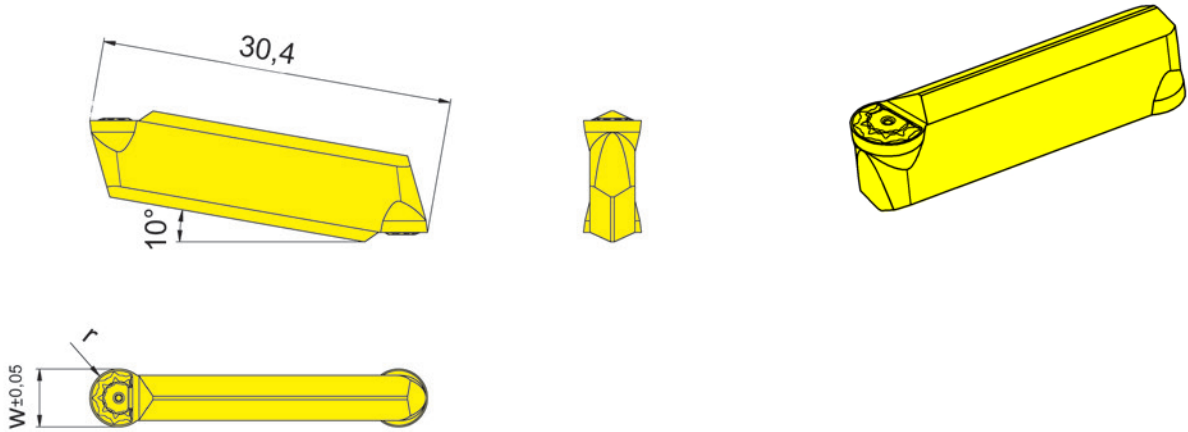
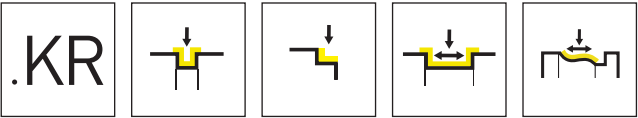
Número de commande Codice prodotto	w	r	HIS	AS66	IG66
S229.0015.KF3	3	1,5	229020 • 229030	▲	▲
S229.0020.KF4	4	2	229030 • 229040	▲	▲
S229.0025.KF5	5	2,5	229040	▲	▲
S229.0030.KF6	6	3	229050	▲	▲
S229.0040.KF8	8	4	229070 • 229080	▲	▲
				P	•
				M	o
				K	•
				N	•
				S	o
				H	-

H

D_{min} pour rayon de dégagement avec porte outils à 45°

D_{min} per scarico di rettifica con portainsero 45°

t _{max}	S229.0015.KF3	S229.0020.KF4	S229.0025.KF5	S229.0030.KF6
0,5	Ø 26	Ø 26	Ø 32	Ø 32
1,0	Ø 76	Ø 55	Ø 42	Ø 37
1,5	Ø 78	Ø 58	Ø 45	Ø 41
2,0	Ø 80	Ø 59	Ø 46	Ø 42
2,5	Ø 82	Ø 60	Ø 47	Ø 43
3,0	Ø 84	Ø 62	Ø 48	Ø 44
3,5	Ø 87	Ø 63	Ø 49	Ø 46
4,0	Ø 89	Ø 65	Ø 50	Ø 47



Nuance
Leghe

▲ en stock
a stock

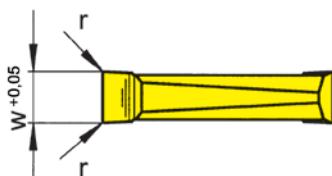
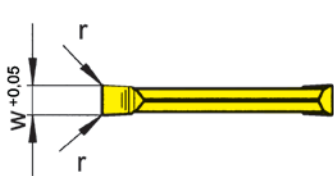
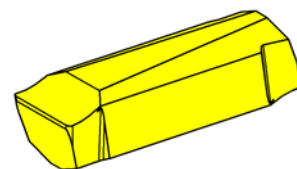
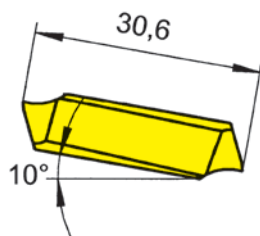
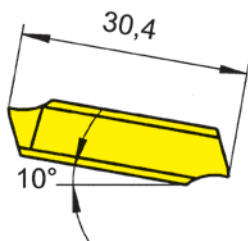
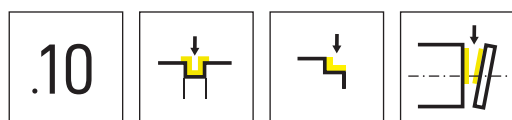
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	IG66
S229.0020.KR4	4	2	229030 • 229040	▲
S229.0025.KR5	5	2,5	229040	▲
S229.0030.KR6	6	3	229050	▲
				P ●
				M ●
				K -
				N -
				S o
				H -

D_{min} pour rayon de dégagement avec porte outils à 45°

D_{min} per scarico di rettifica con portainsero 45°

t _{max}	S229.0015.K3	S229.0020.K4	S229.0025.K5	S229.0030.K6
0,5	Ø 26	Ø 26	Ø 32	Ø 32
1,0	Ø 76	Ø 55	Ø 42	Ø 37
1,5	Ø 78	Ø 58	Ø 45	Ø 41
2,0	Ø 80	Ø 59	Ø 46	Ø 42
2,5	Ø 82	Ø 60	Ø 47	Ø 43
3,0	Ø 84	Ø 62	Ø 48	Ø 44
3,5	Ø 87	Ø 63	Ø 49	Ø 46
4,0	Ø 89	Ø 65	Ø 50	Ø 47



Largeur de gorge 2,5 - 5,0 mm
Larghezza della gola 2,5 - 5,0 mm

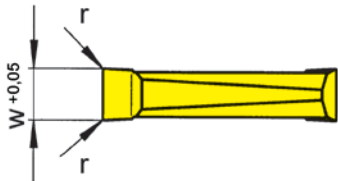
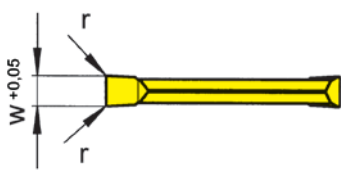
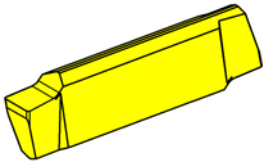
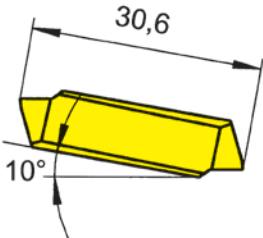
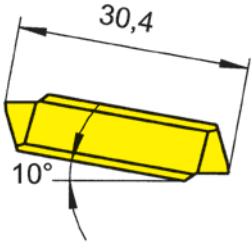
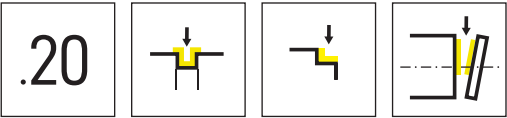
Largeur 5,1 - 10,4 mm
Larghezza 5,1 - 10,4 mm

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	AS62	IG66	TN32	TN35
229.0250.10	2,5	0,2	229020	▲	▲	▲	▲
229.0300.10	3	0,2	229020 • 229030	▲	▲	▲	▲
229.0400.10	4	0,2	229030 • 229040	▲	▲	▲	Δ
229.0500.10	5	0,2	229040	Δ	Δ	▲	Δ
229.0600.10	6	0,4	229051		Δ	Δ	Δ
229.0700.10	7	0,4	229071		Δ	Δ	Δ
229.0800.10	8	0,4	229071 • 229081		Δ	Δ	Δ
229.0900.10	9	0,4	229091		Δ	Δ	Δ
229.1000.10	10	0,4	229091		Δ	Δ	Δ
P	●	●	●	●	●	●	●
M	-	●	-	●	●	●	●
K	-	-	-	●	●	●	●
N	-	-	-	●	●	●	●
S	-	o	-	●	●	●	●
H	-	-	-	-	-	-	-

H



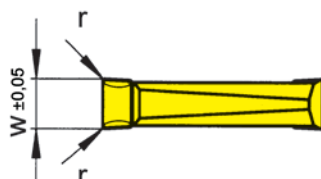
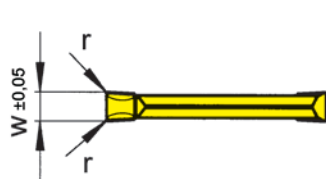
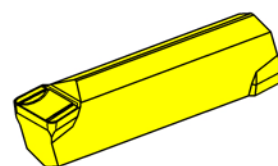
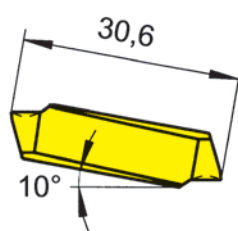
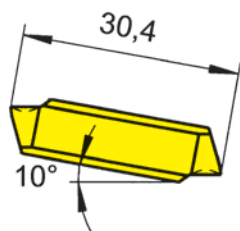
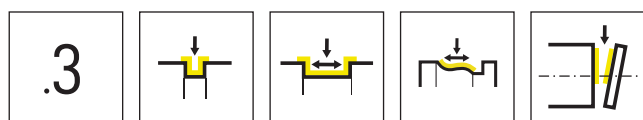
Largeur 3 - 5 mm
Larghezza 3 - 5 mm

Largeur 5,1 - 10,4 mm
Larghezza 5,1 - 10,4 mm

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	AS62	IG66	TN32
229.0300.20	3	0,2	229020 • 229030	▲	Δ	
229.0400.20	4	0,2	229030 • 229040	▲	Δ	▲
229.0500.20	5	0,2	229040	▲	Δ	
229.0600.20	6	0,4	229051	▲	Δ	
229.0700.20	7	0,4	229071		Δ	
229.0800.20	8	0,4	229071 • 229081		Δ	
229.0900.20	9	0,4	229091		Δ	
229.1000.20	10	0,4	229091		Δ	
P	●	●	●			
M	-	●	-			
K	-	-	-			
N	-	-	-			
S	-	o	-			
H	-	-	-			



Largeur 3 - 5 mm
Larghezza 3 - 5 mm

Largeur 5,1 - 10,4 mm
Larghezza 5,1 - 10,4 mm

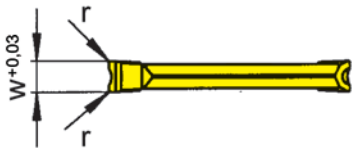
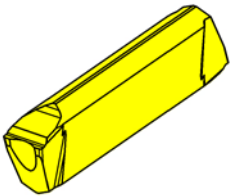
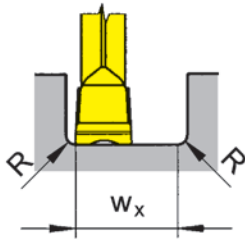
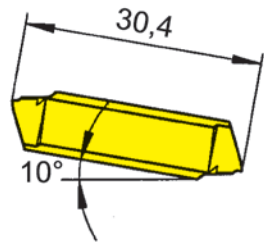
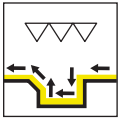
▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Número de commande Codice prodotto	w	r	HIS	AS62	IG66	TN35
229.0300.31	3	0,2	229020 • 229030	▲	▲	▲
229.0300.34	3	0,4	229020 • 229030	▲	▲	▲
229.0350.31	3,5	0,2	229030	▲	▲	▲
229.0400.31	4	0,2	229030 • 229040	▲	▲	▲
229.0400.34	4	0,4	229030 • 229040	▲	▲	▲
229.0500.31	5	0,2	229040	▲	▲	▲
229.0500.34	5	0,4	229040	Δ	Δ	▲
229.0500.36	5	0,6	229040	Δ	Δ	▲
229.0600.31	6	0,4	229051	Δ	Δ	▲
229.0600.38	6	0,8	229051	Δ	Δ	▲
229.0700.31	7	0,4	229071	Δ	Δ	▲
229.0800.31	8	0,4	229071 • 229081	▲	Δ	▲
229.0900.31	9	0,4	229091	▲	Δ	▲
229.1000.31	10	0,4	229091	Δ	Δ	▲
P	●	●	●	●	●	●
M	-	●	●	●	●	●
K	-	-	●	●	●	●
N	-	-	●	●	●	●
S	-	o	●	●	●	●
H	-	-	-	-	-	-

H

.NC



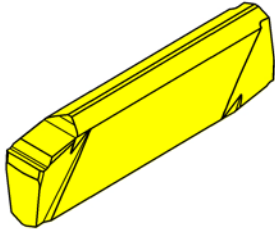
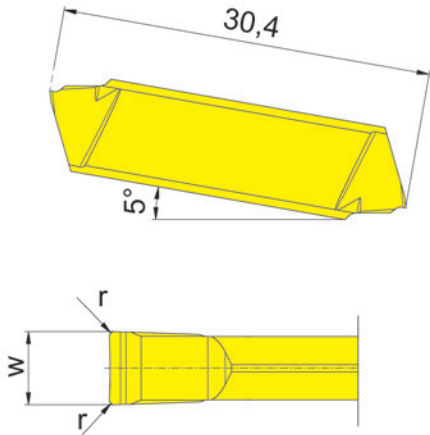
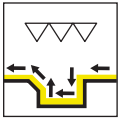
Nuance
Leghe

▲ en stock
a stock

Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	w _x	HIS	H20
229.NC30.02	3	0,2	4,5	229030 • 229040	▲
229.NC40.02	4	0,2	6,4	229030 • 229040	▲
					P •
					M o
					K -
					N -
					S -
					H -

wx = largeur de gorge - R(droite) - R(gauche)
wx = larghezza gola - R(destro) - R(sinistro)



Nuance
Leghe

▲ en stock
a stock

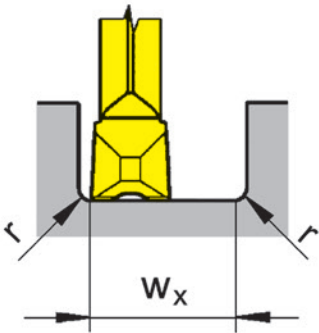
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	Nuance Leghe	
				IG6T	H20
229.FB30.02	3	0,2	229030	Δ	▲
229.FB40.02	4	0,2	229040	Δ	▲
				P	●
				M	-
				K	-
				N	-
				S	o
				H	-

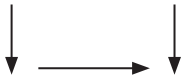
Calcul de la plus petite largeur de gorge possible w_x
Calcolo della larghezza di gola w_x più basso possibile

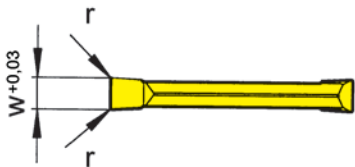
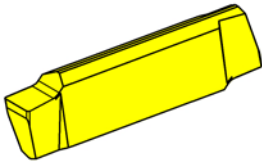
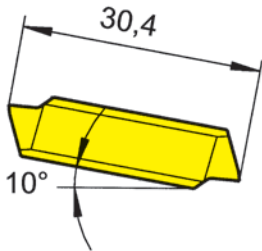
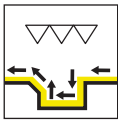
Exemple 229.FB30.02
Esempio

$w_x = 2 \times \text{Largeur de gorge} / \text{Larghezza della gola } w - 2 \times \text{Rayon d'angles plaque} / \text{Spigolo raggiato inserto } r$
 $w_x = 2 \times 3 \text{ mm} - 2 \times 0,2 \text{ mm}$
 $w_x = 5,6 \text{ mm}$



Déroulement du processus
Percorso di lavoro



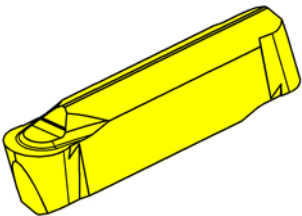
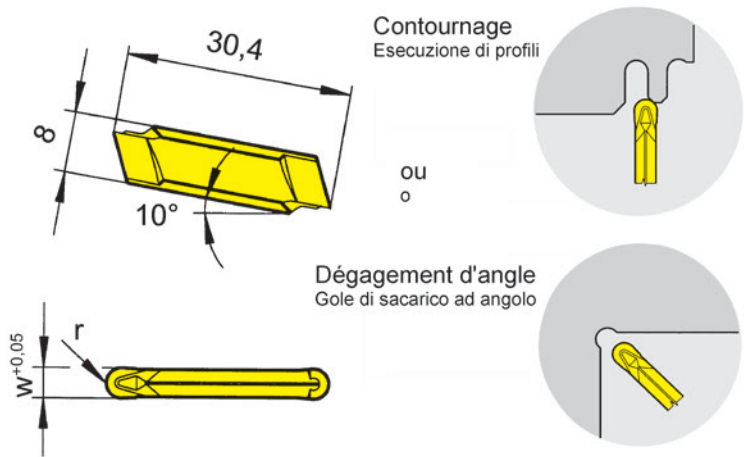
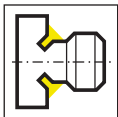


▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	H20
229.0300.02	3	0,2	229020 • 229030	▲
229.0400.02	4	0,2	229030 • 229040	▲
				P ●
				M o
				K -
				N -
				S -
				H -





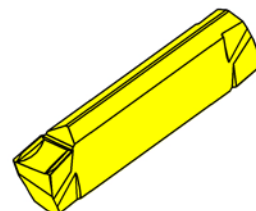
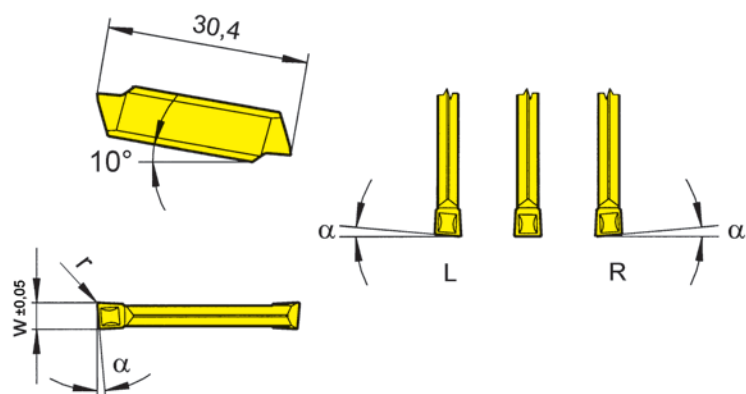
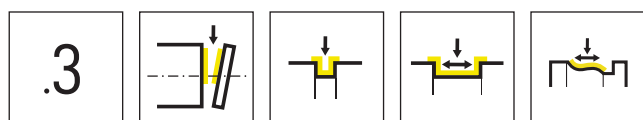
▲ en stock
a stock

Δ 4 semaines
4 settimane

Nuance
Leghe

Numéro de commande Codice prodotto	w	r	HIS			
				AS62	AS66	TN32
229.0015.30	3	1,5	229020 • 229030	▲		▲
229.0020.40	4	2	229030 • 229040	▲		▲
229.0025.50	5	2,5	229040		▲	▲
229.0030.60	6	3	229050	▲		▲
				P	•	•
				M	-	o
				K	-	•
				N	-	•
				S	-	o
				H	-	-





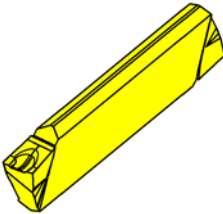
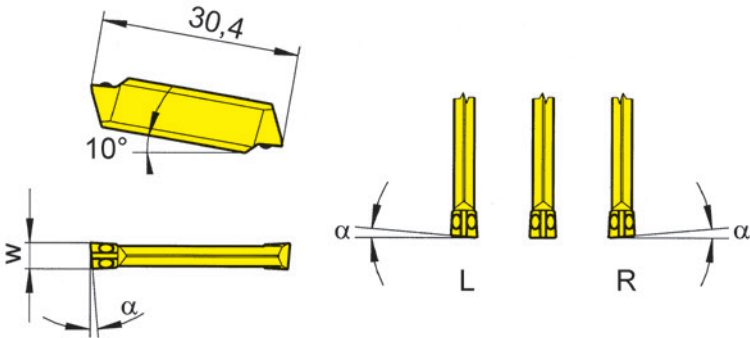
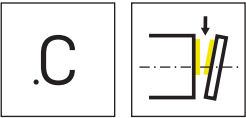
R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	α	HIS		AS62	TF45	TI25	TN32	TN35
R229.5300.31	3	0,2	5°	229020 • 229030		▲		▲	▲	▲
RS229.0530.32	3	0,2	5°	229020 • 229030		▲	▲	▲	▲	▲
RS229.0540.32	4	0,2	5°	229030 • 229040		▲	▲	▲	▲	Δ
L229.5300.31	3	0,2	5°	229020 • 229030		▲		▲	▲	▲
LS229.0530.32	3	0,2	5°	229020 • 229030		▲	▲	▲	▲	▲
LS229.0540.32	4	0,2	5°	229030 • 229040			▲	▲	▲	Δ
R/L229.5300.31 précision affûtée , longueur 30,0 mm						P	•	•	•	•
R/L229.5300.31 rettificato di precisione, lunghezza 30,0 mm						M	-	•	-	•
						K	-	•	-	•
						N	-	•	-	•
						S	-	•	-	•
						H	-	-	-	-



R = version à droite représentée
R = versione destra come in figura

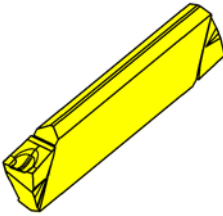
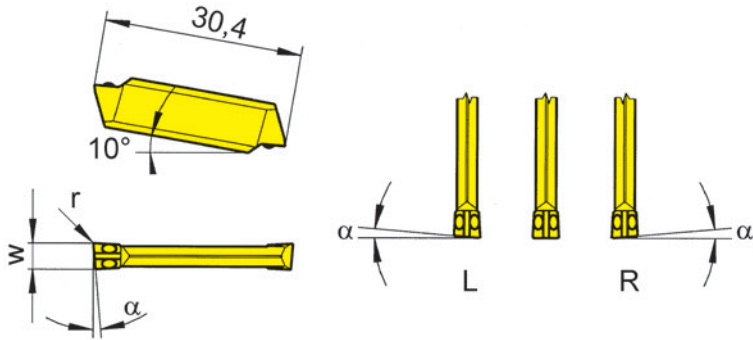
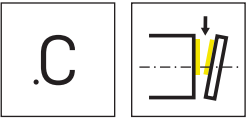
L = version à gauche
L = versione sinistra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	α	HIS			
				TF45	TI25	TN35
RS229.0530.C0	3	5°	229020 • 229030	▲	▲	▲
RS229.0540.C0	4	5°	229030 • 229040	Δ	Δ	▲
RS229.0830.C0	3	8°	229020 • 229030	▲	▲	▲
RS229.0840.C0	4	8°	229030 • 229040	Δ	Δ	▲
LS229.0530.C0	3	5°	229020 • 229030	▲	▲	▲
LS229.0540.C0	4	5°	229030 • 229040	Δ	Δ	
LS229.0830.C0	3	8°	229020 • 229030	▲	▲	▲
LS229.0840.C0	4	8°	229030 • 229040	Δ	Δ	Δ
S229.0030.C0	3	0°	229020 • 229030	▲	▲	▲
S229.0040.C0	4	0°	229030 • 229040	Δ	Δ	▲
P				●	●	●
M				●	●	●
K				●	●	●
N				●	●	●
S				●	●	●
H				-	-	-

H



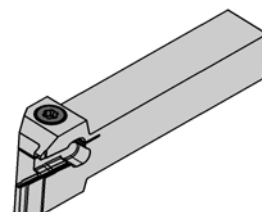
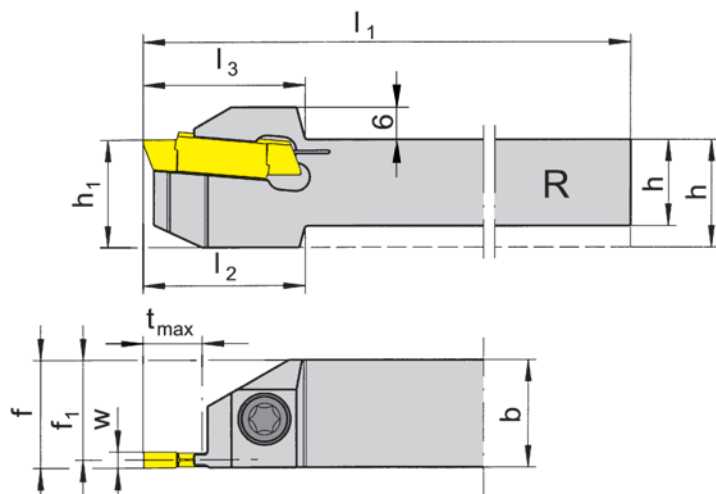
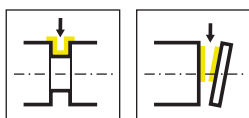
R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	α	HIS	Nuance Leghe		
					TF45	TI25	TN35
RS229.0530.C1	3	0,15	5°	229020 • 229030	Δ	▲	▲
RS229.0830.C1	3	0,15	8°	229020 • 229030	▲	▲	▲
RS229.0540.C1	4	0,15	5°	229030 • 229040	Δ	Δ	Δ
RS229.0840.C1	4	0,15	8°	229030 • 229040	Δ	Δ	▲
LS229.0530.C1	3	0,15	5°	229020 • 229030	Δ	▲	▲
LS229.0830.C1	3	0,15	8°	229020 • 229030	▲	Δ	▲
LS229.0540.C1	4	0,15	5°	229030 • 229040	Δ		Δ
LS229.0840.C1	4	0,15	8°	229030 • 229040	Δ	Δ	Δ
S229.0030.C1	3	0,15	0°	229020 • 229030	Δ	▲	▲
S229.0040.C1	4	0,15	0°	229030 • 229040	Δ		Δ
P					●	●	●
M					●	●	●
K					●	●	●
N					●	●	●
S					●	●	●
H					-	-	-



R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

Numéro de commande Codice prodotto	h	b	l ₁	l ₂	l ₃	h ₁	f	f ₁	t _{max}	HWS
RH259.1616.03	16	16	135	30	30	20	f ₁ +w/2	14,55	11	229030
RH259.2020.03	20	20	135	-	30	20	f ₁ +w/2	18,55	11	229030
RH259.2525.03	25	25	135	-	30	25	f ₁ +w/2	23,55	11	229030
RH259.1616.13	16	16	135	33	33	20	f ₁ +w/2	14,55	18	229030
RH259.2020.13	20	20	135	-	33	20	f ₁ +w/2	18,55	18	229030
RH259.2525.13	25	25	135	-	33	25	f ₁ +w/2	23,55	18	229030
LH259.1616.03	16	16	135	30	30	20	f ₁ +w/2	14,55	11	229030
LH259.2020.03	20	20	135	-	30	20	f ₁ +w/2	18,55	11	229030
LH259.2525.03	25	25	135	-	30	25	f ₁ +w/2	23,55	11	229030
LH259.1616.13	16	16	135	33	33	20	f ₁ +w/2	14,55	18	229030
LH259.2020.13	20	20	135	-	33	20	f ₁ +w/2	18,55	18	229030
LH259.2525.13	25	25	135	-	33	25	f ₁ +w/2	23,55	18	229030

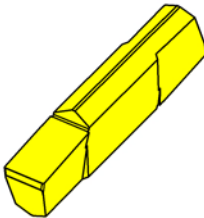
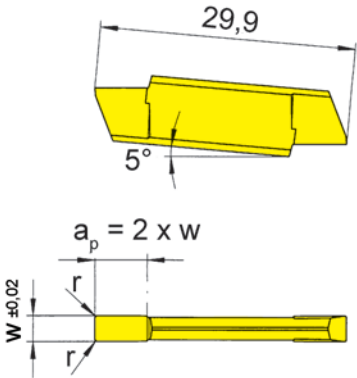
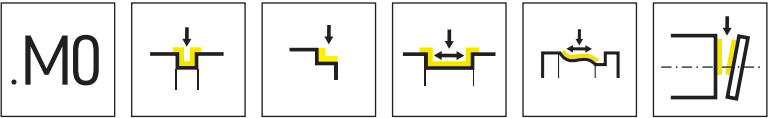
w voir plaquettes amovibles
w vd. inserti

H

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LH259...	6.23T25P	T25PQ



La profondeur de passe en chariotage a_p
Tornitura longitudinale fino a a_p

2 x w pour usinage des laiton (Ms58)
2 x w su ottone (Ms58)

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

Numéro de commande Codice prodotto	w	r	HIS	MG12
259.0300.M1	3	0,15	229030	▲
259.0300.M2	3	0,2	229030	▲
259.0400.M1	4	0,15	229030	▲
259.0400.M2	4	0,2	229030	▲
				P o
				M -
				K -
				N -
				S -
				H -