

110

C

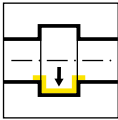


Porte outils et plaquettes

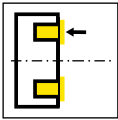
Portainserito e inserti

C

Porte outils
Portainsero
B110/B110TS/B110C/
VDI/WFB.110

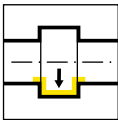


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170-175, 177



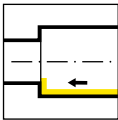
Page/Pag.
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Supports réglables
Portainsero registrabile
N

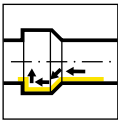


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176

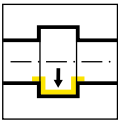
Plaquette
Inserto
110/A110



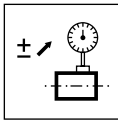
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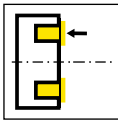
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180-181



Page/Pag.
183-184



Page/Pag.
187-188

Ø Alésage Foro Ø	Type de produit / Linea di prodotto											
	105	109	110	106	107	108	10P	111	11P	114	116	18P
≥ 0,2	•											
≥ 0,5	•											
≥ 0,7	•											
≥ 1,0	•											
≥ 1,5	•											
≥ 2,0	•											
≥ 3,0	•											
≥ 4,0	•											
≥ 5,0	•											
≥ 6,0	•	•	•	•								
≥ 6,8		•	•	•								
≥ 7,0		•			•							
≥ 7,8			•		•	•						
≥ 8,0			•		•	•						
≥ 9,0			•		•	•	•					
≥ 10,0			•				•	•	•			
≥ 10,5									•			
≥ 11,0								•	•			
≥ 11,5									•			
≥ 13,8										•		
≥ 14,0										•	•	
≥ 16,0											•	
≥ 16,5										(•)		
≥ 18,0												•
Profondeur de gorge Profondità della gola	2,5	2,5	4,0	0,8	2,0	1,0	3,0	2,3	3,5	4,0 (6,5)	4,3	8,0
Largeur de gorge Larghezza della gola	0,5- 2,0	1,0- 2,0	1,0- 3,0	0,7- 1,5	1,0- 2,0	0,7- 2,0	1,0- 3,0	0,7- 3,0	1,0- 3,0	0,7- 3,0	0,7- 4,0	2,0- 3,0
Type d'usinage / Operazione												
Gorge Gole	•	•	•	•	•	•	•	•	•	•	•	•
Alésage Alesatura	•	•	•	•	•	•		•		•	•	
Filetage Filettatura	•	•			•	•		•		•	•	
Chanfreinage Smussatura	•	•			•	•		•		•	•	
Gorge frontale Gole assiali	•	•	•							•		
Tournage dur Alesatura e profilatura	•											

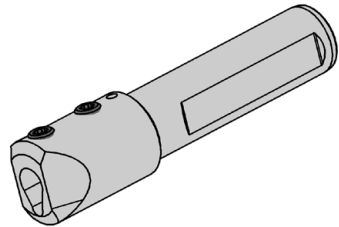
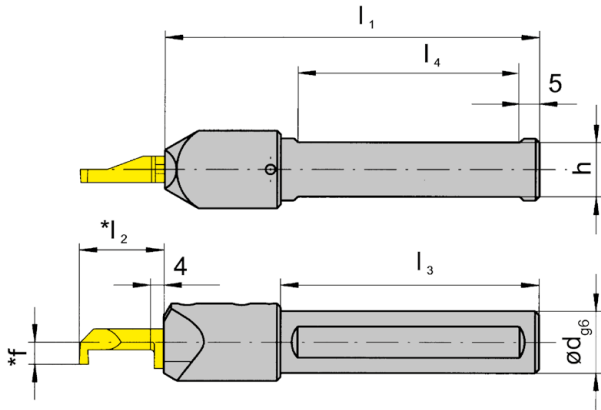
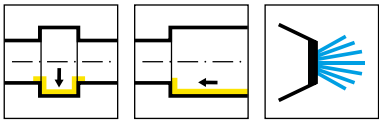


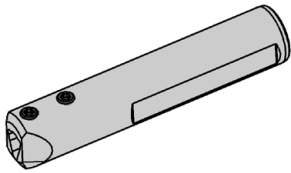
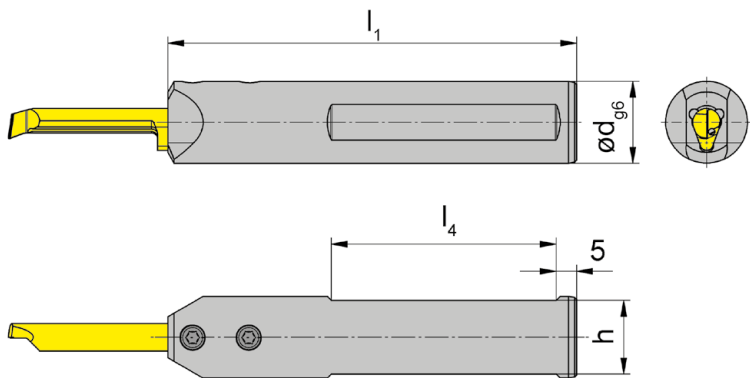
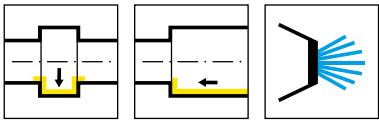
Illustration de coupe à droite représentée
Figura = taglio destro

N° de commande Codice prodotto	d	l ₁	l ₃	h	l ₄	HWS
B110.0016.02	16	100	70	14	55	110260
B110.0020.02	20	100	-	18	55	110260
B110.0022.02	22	100	-	20	55	110260
B110.0025.02	25	100	-	23	55	110260

f, l2 voir plaquette type 110
f, l2 vd. inserto tipo 110

Pièces Détachées
Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
B110...	6.075T15P	T15PQ



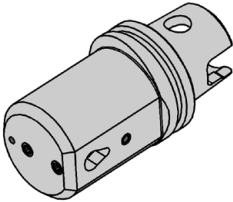
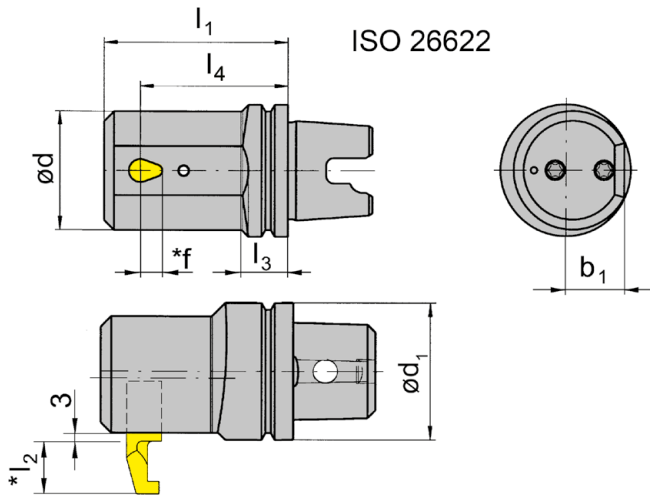
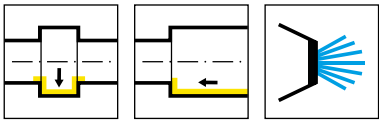
C

Illustration de coupe à droite représentée
Figura = taglio destro

N° de commande Codice prodotto	d	l ₁	h	l ₄	HWS
B110.0020.K.02	20	100	18	55	110260

Pièces Détachées
Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
B110.0020.K.02	6.075T15P	T15PQ



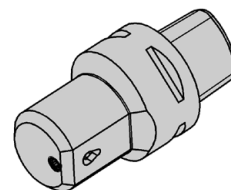
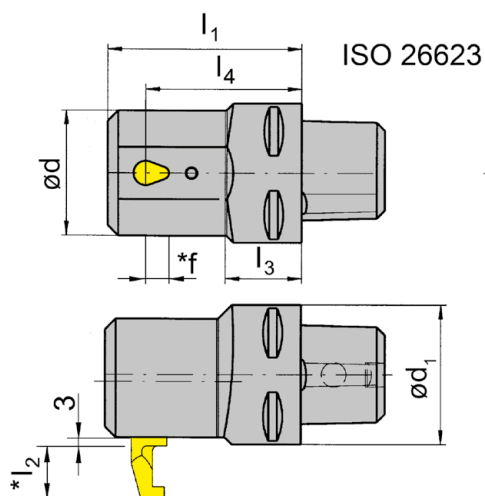
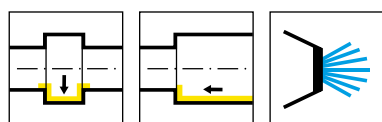
R = version à droite représentée
R = versione destra come in figura

N° de commande Codice prodotto	d ₁	l ₃	d	l ₁	b ₁	l ₄	Type de machine Tipo macchina	HWS
RB110.TS40.2.2.02	40	14	36	56	18	45	INDEX MS32	110260

f, l2 voir plaque type 110
f, l2 vd. inserto tipo 110
pour système INDEX Multi broche
Sistema per plurimandrino INDEX

Pièces Détachées
Ricambi

Porte outils Portainserito	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
RB110.TS40.2.2.02	6.075T15P	T15PQ



C

R = version à droite représentée

R = versione destra come in figura

N° de commande Codice prodotto	d ₁	l ₃	d	l ₁	b ₁	l ₄	Type de machine Tipo macchina	HWS
RB110.00C3.2.2.02	32	15	36	56	18	45	INDEX MS32	110260
RB110.00C4.2.2.02	40	22	36	56	18	45	INDEX MS52	110260

f, l2 voir plaque type 110

f, l2 vd. inserto tipo 110

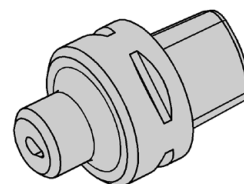
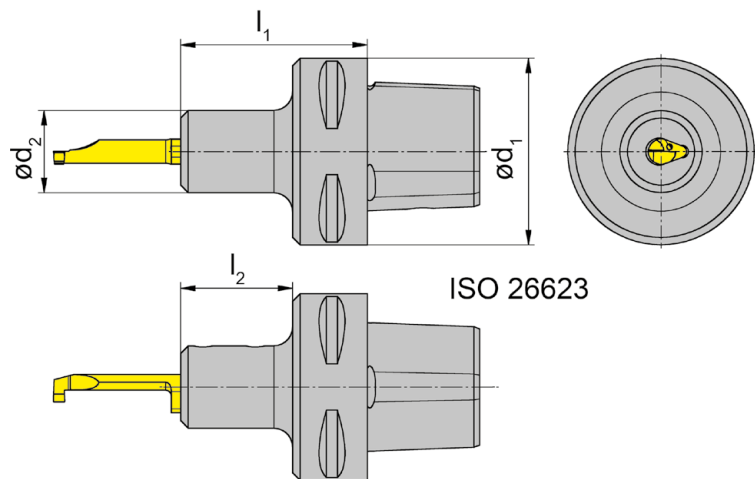
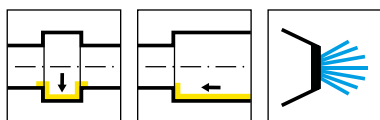
pour système INDEX Multi broche

Sistema per plurimandrino INDEX

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
RB110...	6.075T15P	T15PQ



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

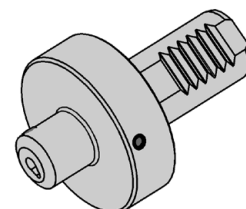
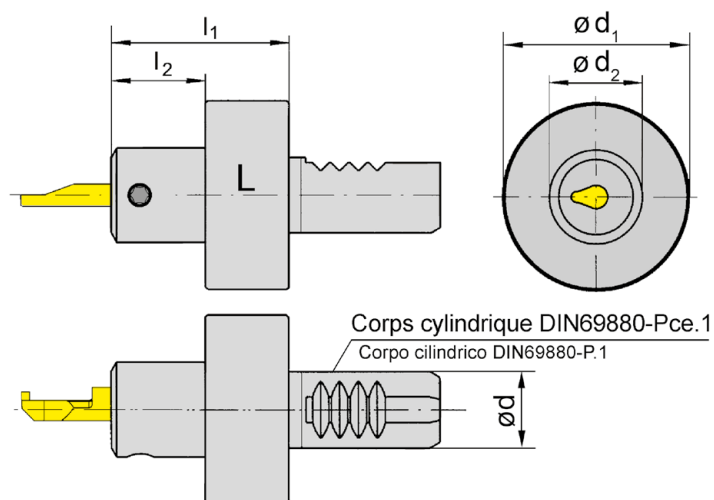
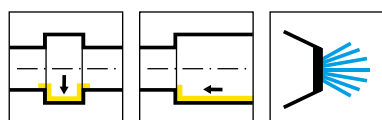
L = version à gauche
L = versione sinistra a specchio

N° de commande Codice prodotto	d ₁	d ₂	l ₁	l ₂	HWS
RB110.00C3.22.1.02	32	22	45	30	110260
RB110.00C4.22.1.02	40	22	50	30	110260
RB110.00C5.22.1.02	50	22	50	30	110260
RB110.00C6.22.1.02	63	22	52	30	110260
LB110.00C3.22.1.02	32	22	45	30	110260
LB110.00C4.22.1.02	40	22	50	30	110260
LB110.00C5.22.1.02	50	22	50	30	110260
LB110.00C6.22.1.02	63	22	52	30	110260

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LB110...	6.075T15P	T15PQ



C

L = version à gauche représentée
L = versione sinistra come in figura

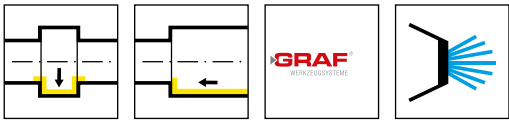
R = version à droite
R = versione destra a specchio

N° de commande Codice prodotto	d	l ₁	l ₂	d ₂	d ₁	HWS
VDI16.L110.30.02	16	48	30	22	40	110260
VDI16.R110.30.02	16	48	30	22	40	110260
VDI20.R110.30.02	20	48	30	22	50	110260
VDI25.L110.30.02	25	48	30	22	58	110260
VDI25.R110.30.02	25	48	30	22	58	110260
VDI30.L110.30.02	30	48	30	22	68	110260
VDI30.R110.30.02	30	48	30	22	68	110260
VDI40.L110.30.02	40	48	30	22	83	110260
VDI40.R110.30.02	40	48	30	22	83	110260

Pièces Détachées

Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
VDI16...	6.075T15P	T15PQ



C

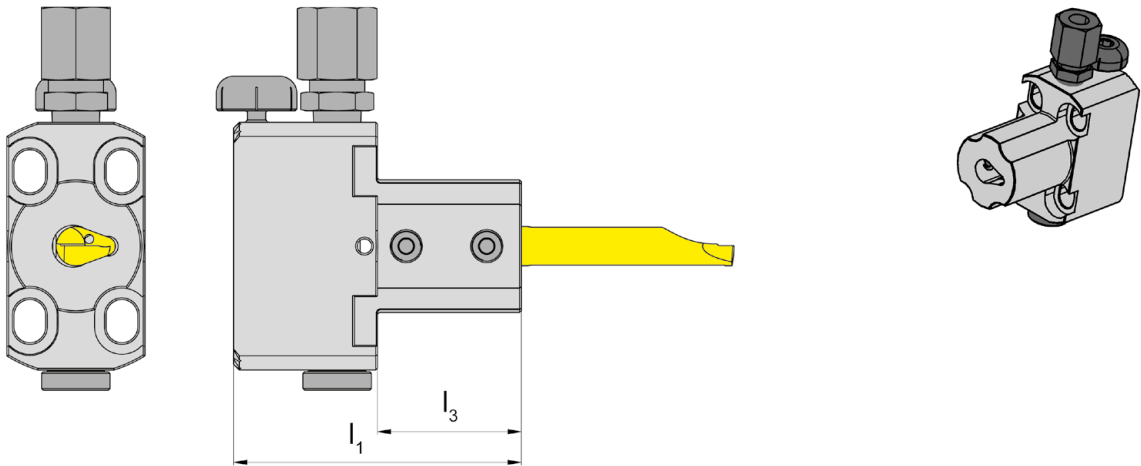


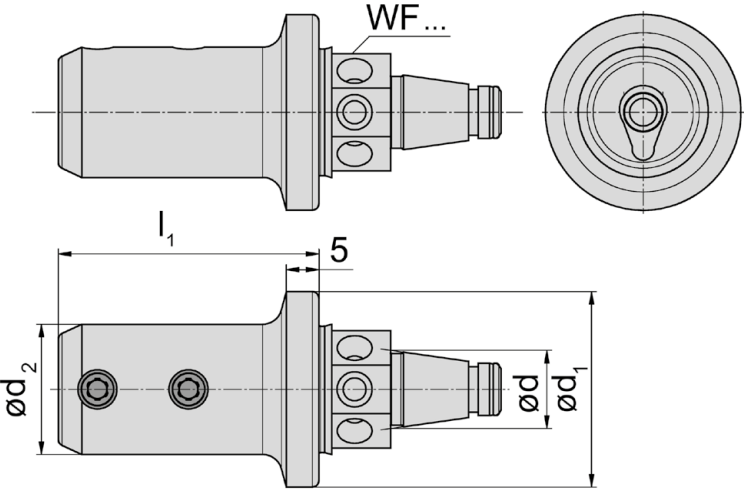
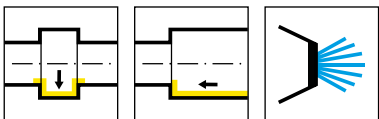
Illustration de coupe à droite représentée
Figura = taglio destro

N° de commande Codice prodotto	l_1	l_3	HWS
N.79.IK	50	25	110260

Le raccord du liquide de coupe ne fait pas partie de la référence . Merci de le commander séparément.
L'adduttore del refrigerante va ordinato separatamente!

Pièces Détachées
Ricambi

Supports réglables Portainsero registrabile	Vis de serrage Vite di serraggio	Arrosage Lubrificazione
N.79.IK	6.075T15P	004.00.19

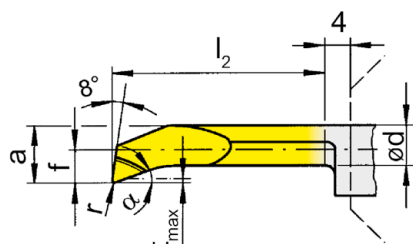
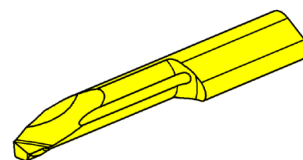
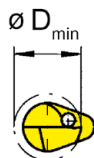
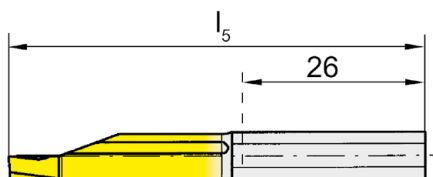
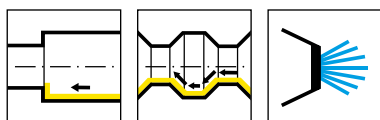


N° de commande Codice prodotto	d ₁	l ₁	d	d ₂	HWS	HMS
WFB.2H0.110	30	40	12	20	110260	WFB
WFB.3H0.110	50	40	20	20	110260	WFB

Pièces Détachées
Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
WFB...	6.075T15P	T15PQ





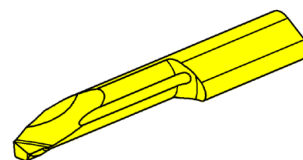
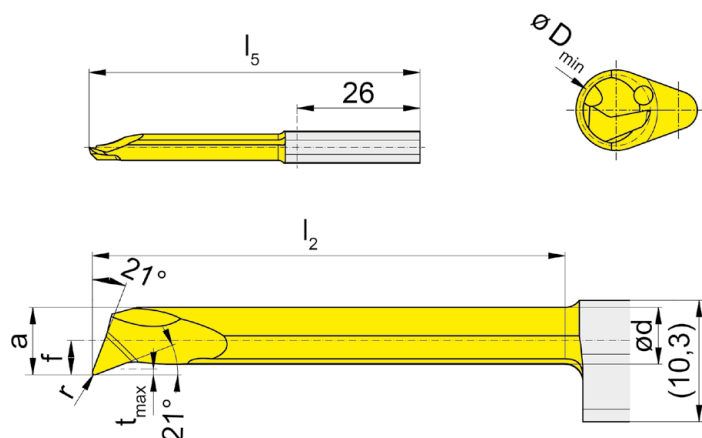
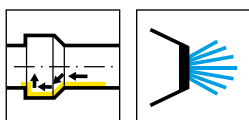
R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	r	f	a	d	l_2	l_5	t_{max}	D_{min}	α	HIS	EG35	TH35	Ti25
R110.1829.7.6	0,2	2,9	5,7	4,8	40	70	0,5	6	21°	110260	▲	▲	▲
R110.1829.9.6	0,2	2,9	5,7	4,8	50	80	0,5	6	21°	110260	▲	▲	▲
R110.1829.9.8	0,2	4	7,4	6	50	80	0,5	8	21°	110260	▲	▲	▲
L110.1829.7.6	0,2	2,9	5,7	4,8	40	70	0,5	6	21°	110260	▲	▲	▲
L110.1829.9.6	0,2	2,9	5,7	4,8	50	80	0,5	6	21°	110260	▲	▲	▲
L110.1829.9.8	0,2	4	7,4	6	50	80	0,5	8	21°	110260	▲	▲	▲
P	•	•	•	•	•	•	•	•	•	•	•	•	•
M	•	•	•	•	•	•	•	•	•	•	•	•	•
K	•	•	•	•	•	•	•	•	•	•	•	•	•
N	-	•	•	•	•	•	•	•	•	•	•	•	•
S	-	•	•	•	•	•	•	•	•	•	•	•	•
H	-	-	-	-	-	-	-	-	-	-	-	-	-



C

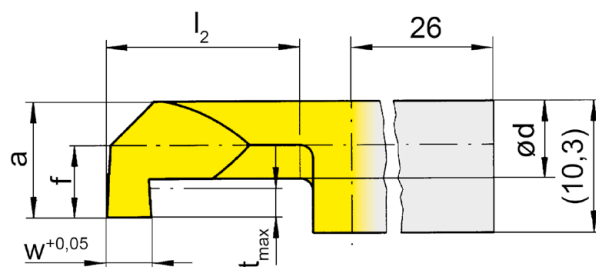
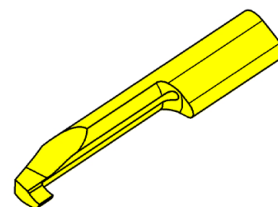
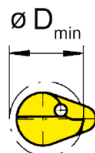
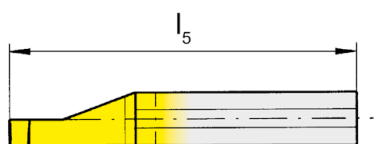
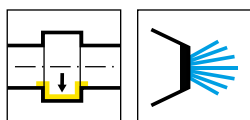
R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	r	f	a	d	l_2	l_5	t_{max}	D_{min}	HIS	EG35
R110.2129.7.6	0,2	2,9	5,7	4,8	40	70	0,5	6	110260	Δ
R110.2129.9.6	0,2	2,9	5,7	4,8	50	80	0,5	6	110260	Δ
R110.2140.7.8	0,2	4	7,4	6	40	70	0,5	8	110260	Δ
R110.2140.9.8	0,2	4	7,4	6	50	80	0,5	8	110260	Δ
L110.2129.7.6	0,2	2,9	5,7	4,8	40	70	0,5	6	110260	Δ
L110.2129.9.6	0,2	2,9	5,7	4,8	50	80	0,5	6	110260	Δ
L110.2140.7.8	0,2	4	7,4	6	40	70	0,5	8	110260	Δ
L110.2140.9.8	0,2	4	7,4	6	50	80	0,5	8	110260	Δ
										P ●
										M ●
										K o
										N -
										S -
										H -



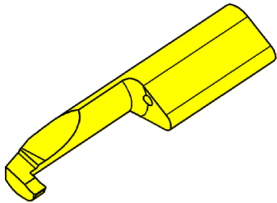
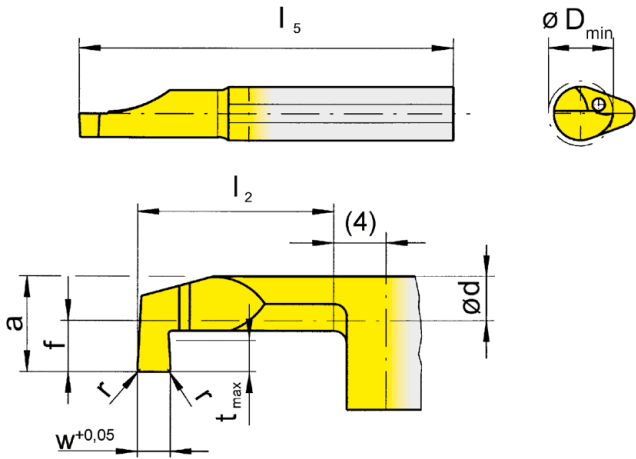
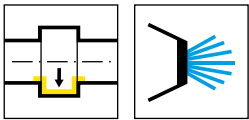
R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	w	f	a	d	l ₂	l ₅	t _{max}	D _{min}	HIS	EG35	TI25	TN35
R110.0100.5.8	1	4	7,4	4,2	30	60	2,8	8	110260	▲		▲
R110.0200.5.8	2	4	7,4	4,2	30	60	2,8	8	110260	▲	Δ	▲
R110.0250.5.8	2,5	4	7,4	4,2	30	60	2,8	8	110260	▲	Δ	▲
R110.0100.7.8	1	4	7,4	4,2	40	70	2,8	8	110260	▲		▲
R110.0200.7.8	2	4	7,4	4,2	40	70	2,8	8	110260	▲		▲
R110.0250.7.8	2,5	4	7,4	4,2	40	70	2,8	8	110260	▲		▲
R110.0100.5.0	1	6	9,4	5	30	60	4	10	110260	▲		▲
R110.0200.5.0	2	6	9,4	5	30	60	4	10	110260	▲	Δ	▲
R110.0300.5.0	3	6	9,4	5	30	60	4	10	110260	▲	Δ	▲
R110.0100.9.0	1	6	9,4	5	50	80	4	10	110260	Δ		▲
R110.0200.9.0	2	6	9,4	5	50	80	4	10	110260	▲		▲
R110.0300.9.0	3	6	9,4	5	50	80	4	10	110260	▲		▲
L110.0100.5.8	1	4	7,4	4,2	30	60	2,8	8	110260	▲		▲
L110.0200.5.8	2	4	7,4	4,2	30	60	2,8	8	110260	▲		▲
L110.0250.5.8	2,5	4	7,4	4,2	30	60	2,8	8	110260	▲		▲
L110.0100.7.8	1	4	7,4	4,2	40	70	2,8	8	110260	Δ		▲
L110.0200.7.8	2	4	7,4	4,2	40	70	2,8	8	110260	▲		▲
L110.0250.7.8	2,5	4	7,4	4,2	40	70	2,8	8	110260	Δ		▲
L110.0100.5.0	1	6	9,4	5	30	60	4	10	110260	▲		▲
L110.0200.5.0	2	6	9,4	5	30	60	4	10	110260	▲		▲
L110.0300.5.0	3	6	9,4	5	30	60	4	10	110260	▲		▲
L110.0100.9.0	1	6	9,4	5	50	80	4	10	110260	Δ		Δ
L110.0200.9.0	2	6	9,4	5	50	80	4	10	110260	Δ		▲
L110.0300.9.0	3	6	9,4	5	50	80	4	10	110260	Δ		Δ
P	●	●	●									
M	●	●	●									
K	○	●	●									
N	-	●	●									
S	-	●	●									
H	-	-	-									



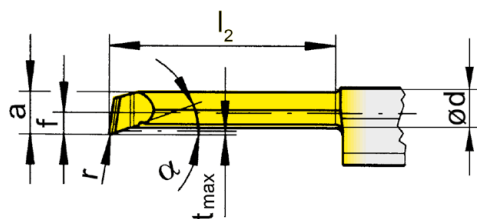
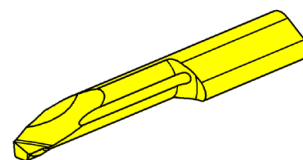
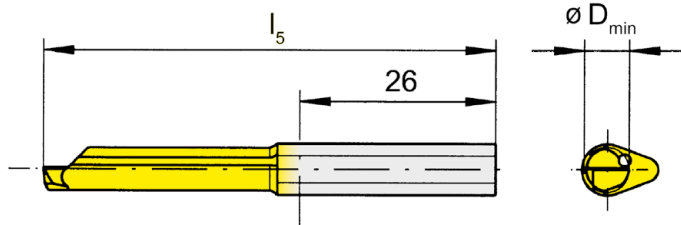
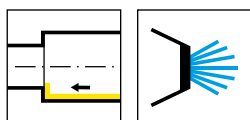
R = version à droite représentée
R = versione destra come in figura

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	w	r	f	a	d	l_2	l_5	t_{max}	D_{min}	HIS		EG35	TN35
R110.0200.02.3.8	2	0,2	4	7,4	4,2	20	50	2,8	8	110260		▲	▲
											P	●	●
											M	●	●
											K	○	●
											N	-	●
											S	-	●
											H	-	-





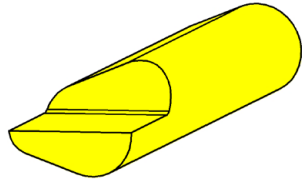
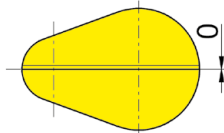
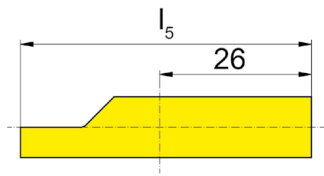
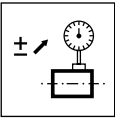
R = version à droite représentée

R = versione destra come in figura

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	r	f	a	d	l ₂	l ₅	t _{max}	D _{min}	α	HIS		EG35	TI25
R110.1829.9.H6	0,2	2,9	5,7	4,8	50	80	0,5	6	20°	110260	▲	▲	▲
R110.1829.9.H8	0,2	4	7,4	6	50	80	0,5	8	20°	110260	▲	▲	▲
											P	●	●
											M	●	●
											K	○	●
											N	-	●
											S	-	●
											H	-	-

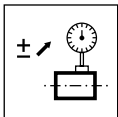


R = version à droite représentée
R = versione destra come in figura

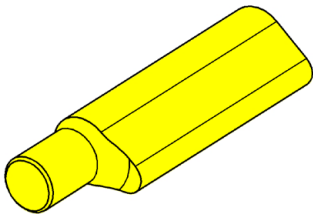
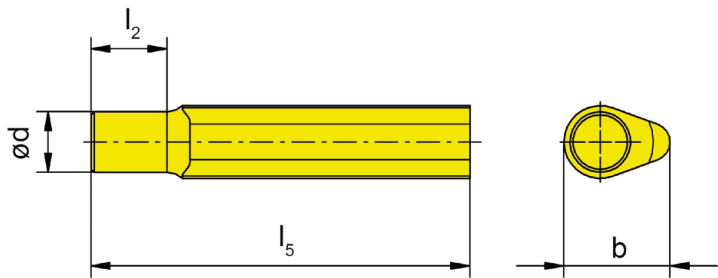
L = version à gauche
L = versione sinistra a specchio

N° de commande Codice prodotto	l_5	HIS
R110.LEHR.H02	40	110140
L110.LEHR.H02	40	110140

Plaquette pour réglage des porte outils.
Inserto master per pre-setting



C

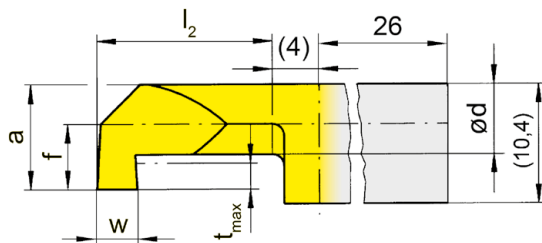
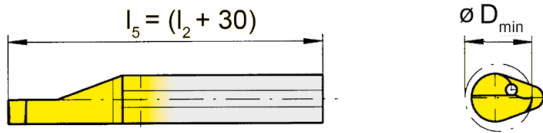
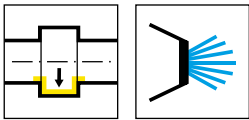


N° de commande	d	b	l_2	l_5	HIS
Codice prodotto					
110.LEHR.D.01	5	10,3	5	25	110140

Plaquette pour réglage des porte outils.
Inserto master per pre-setting

Dimensions de base

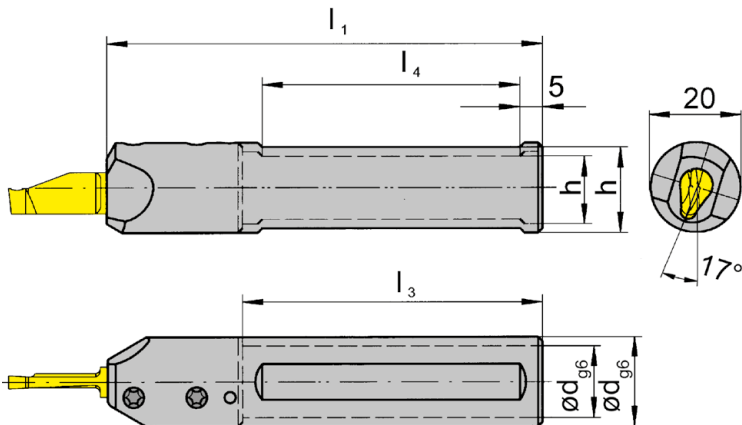
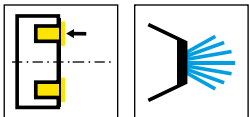
Dimensioni di base



N° de commande Codice prodotto	f	a	d	t _{max}	D _{min}	w	l ₂	Code longueur Codice lunghezza	MG12	TN35	TI25	TH35
110...8	4	7,4	4,2	2,8	8	0,5-3,0	10	1	Sur demande Su richiesta			
							15	2				
							20	3				
							25	4				
							30	5				
110...9	5	8,4	4,8	3,5	9		35	6				
110...0	6	9,4	5,2	4,0	10		40	7				

Exemple de commande: R110.0160.3.9^{+0,05} r 0,2 (Nuance / Lega)
Esempio d'ordine:

Rayon d'angles / Spigolo raggiato
 Tolérance w / Tolleranza w
 Ø D_{min}
 l₂ (Code longueur / Codice lunghezza)
 Largeur de gorge w / Larghezza gola w
 Type / tipo
 Version / Versione



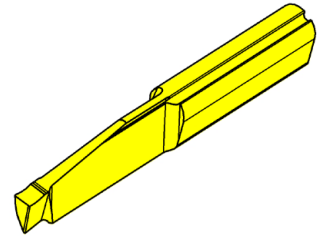
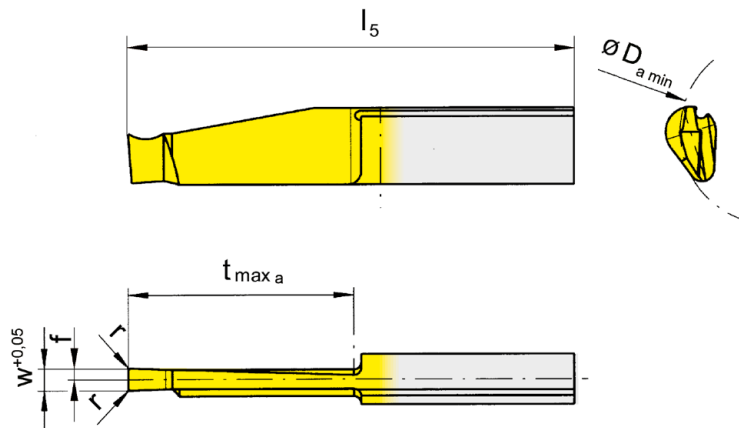
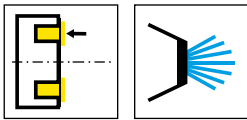
R = version à droite représentée
R = versione destra come in figura

L = version à gauche
L = versione sinistra a specchio

N° de commande Codice prodotto	d	l ₁	l ₃	h	l ₄	HWS
RB110.0016.16.2	16	100	70	14	55	110260
RB110.0020.16.2	20	100	-	18	55	110260
LB110.0016.16.2	16	100	70	14	55	110260
LB110.0020.16.2	20	100	-	18	55	110260

Pièces Détachées
Ricambi

Porte outils Portainsero	Vis de serrage Vite di serraggio	Tournevis TORX PLUS® Cacciavite TORX PLUS®
R/LB110...	6.075T15P	T15PQ



C

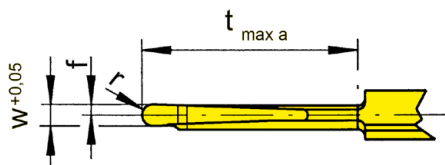
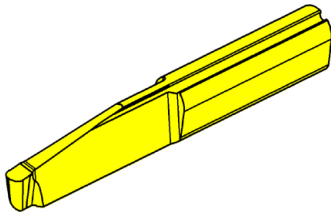
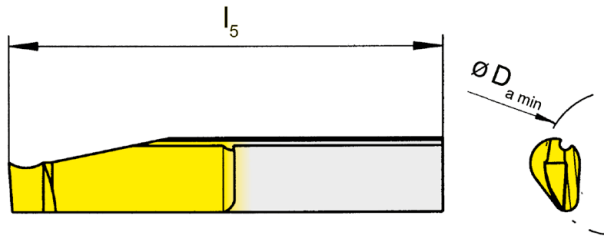
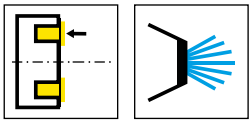
L = version à gauche représentée
L = versione sinistra come in figura

R = version à droite
R = versione destra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	w	r	f	l_5	$t_{max a}$	$D_{a min}$	HIS		EG35	TH35	TI25	TN35
RA110.2030.3.0	3	0,2	1,5	50	20	20	110260		▲	▲	▲	▲
RA110.2030.5.0	3	0,2	1,5	60	30	20	110260		▲	▲	▲	▲
RA110.5030.3.0	3	0,2	1,5	50	20	50	110260		▲		▲	
RA110.5030.5.0	3	0,2	1,5	60	30	50	110260		▲		▲	
LA110.2030.3.0	3	0,2	1,5	50	20	20	110260		▲	▲	▲	▲
LA110.2030.5.0	3	0,2	1,5	60	30	20	110260		▲	▲	▲	▲
LA110.5030.3.0	3	0,2	1,5	50	20	50	110260		▲		▲	
LA110.5030.5.0	3	0,2	1,5	60	30	50	110260		▲		▲	
								P	•	•	•	•
								M	•	•	•	•
								K	•	•	•	•
								N	-	•	•	•
								S	-	•	•	•
								H	-	-	-	-



L = version à gauche représentée
L = versione sinistra come in figura

R = version à droite
R = versione destra a specchio

▲ en stock
a stock

Nuance
Leghe
Δ 4 semaines
4 settimane

N° de commande Codice prodotto	w	r	f	l_5	$t_{max a}$	$D_{a min}$	HIS		EG35	TN35
RA110.2030.15.5.0	3	1,5	1,5	60	30	20	110260	▲	▲	▲
LA110.2030.15.5.0	3	1,5	1,5	60	30	20	110260	▲	▲	▲
								P	●	●
								M	●	●
								K	○	●
								N	-	●
								S	-	●
								H	-	-