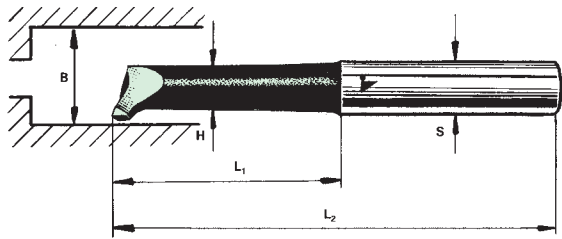


Facing and Bottoming Tools ECS with Carbide Tips



ECS nos. 0000-000R



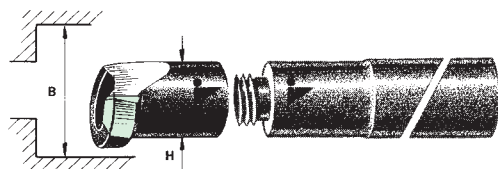
ECS nos. 00-2R

How to order (example): 5 pieces ECS-2-R-N-P30

Size ECS	Code number for righthand-side cutting (for lefthand-side cutting: replace "R" by "L")	Availability						Recommended minimum bore B / mm	Ø of neck H mm	Ø S-h7 of shank mm	Length of neck L ₁ mm	Total length L ₂ mm
		"R"			"L"							
		K10	P10	P30	K10	P10	P30					
0000	ECS-0000-R-N-HM	●			●			3.2	2	8	20	45
000	ECS-000-R-N-HM	●			●			4	2.5	8	23	49
00	ECS-00-R-N-HM	●			●			5	3	8	25	64
0	ECS-0-R-N-HM	●			●			6.5	4	8	29	69
0/1	ECS-0/1-R-N-HM	●			●			8.5	5	8	30	75
1	ECS-1-R-N-...	●	●	●	●	●	●	10	6	8	33	82
2 normal	ECS-2-R-N-...	●	●	●	●	●	●	13	8	8	—	72
2 long	ECS-2-R-T-...	●	●	●	●	●	●	13	8	10	37	100

▲ Please indicate here the grade of carbide required

Tools for smaller bores and of different dimensions of shank on page 12.



Heads: ECS nos. 3-12 R
Shanks: see page 12

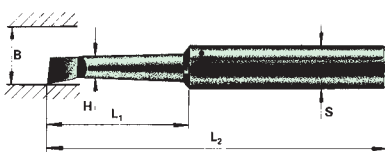
How to order (example): 5 pieces ECS-6-R-K10

Size ECS	Code number for righthand-side cutting (for lefthand-side cutting: replace "R" by "L")	Availability						Recommended minimum bore B / mm	Ø of neck H mm	Thread
		"R"			"L"					
		K10	P10	P30	K10	P10	P30			
3	ECS-3-R-...	●	●	●	●	●	●	17	10	M6
4	ECS-4-R-...	●	●	●	●	●	●	21	12	M8
5	ECS-5-R-...	●	●	●	●	●	●	24	14	M10×20 TPI
6	ECS-6-R-...	●	●	●	●	●	●	28	16.3	M12×20 TPI
7	ECS-7-R-...	●	●	●	●	●	●	31	18.3	M14×20 TPI
8	ECS-8-R-...	●	●	●	●	●	●	34	20	M15×20 TPI
9	ECS-9-R-...	●	●	●	●	●	●	37	22	M15×20 TPI
10	ECS-10-R-...	●	●	●	●	●	●	42	25	M18×20 TPI
11	ECS-11-R-...	●	●	●	●	●	●	50	30	M21×14 TPI
12	ECS-12-R-...	●	●	●	●	●	●	60	35	M25×14 TPI

▲ Please indicate here the grade of carbide required

Boring Bars MDK of Solid Carbide

MDK



The MDK have been discontinued from standard program and are produced only on demand.

MDK

How to order (example): 10 pieces MDK-4/0.8-HM

Size MDK	Code number	Availability	Ø S-h7 of shank mm	Ø of neck H mm	Recomm. minimum bore B / mm	Length of neck L ₁ mm	Total length L ₂ mm
		Carbide					
4/0.8	MDK-4/0.8-HM	●	4	0.8	1	5	30
4/1	MDK-4/1-HM	●	4	1	1.2	7	30
4/1.2	MDK-4/1.2-HM	●	4	1.2	1.5	8	30
4/1.5	MDK-4/1.5-HM	●	4	1.5	1.8	9	30
4/2	MDK-4/2-HM	●	4	2	2.5	12	30
4/2.5	MDK-4/2.5-HM	●	4	2.5	3.2	12	30

More tools for use on boring heads on page 13.

Availability: ● ex stock