

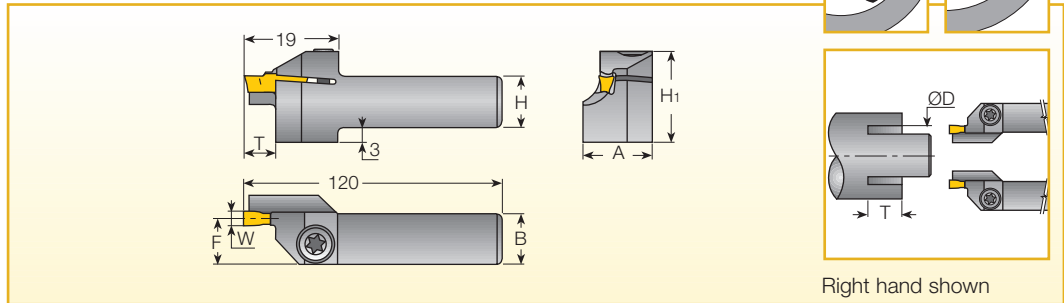
# FACE MACHINING

## New Heliface Tools for Automatics, CNCs and Screw Machines

ISCAR has widened its range of GRIP-based face grooving holders for use on Swiss type automatics and screw machines, small automatics, and small CNC lathes. New integral shank toolholders are available in sizes 10, 12 and 16mm in both right and left hand versions.

Toolholders are designed in the parallel style HGHR/L to machine along the the axis of the workpiece. All holders carry the double ended 3mm twisted inserts. Right hand tools use the GRIP 3003, and left hand tools use HGPL 3003Y.

### Integral Toolholders



### HGHR/L-3T

Tmax	W	Designation	HxB	F	D		H1	A	Inserts
					Min.	Max.			
6	3	HGHR 1010-12-3T6	10x10	9.5	12	- 16	19	13.7	GRIP 3003Y
6	3	HGHR 1010-16-3T6	10x10	9.5	16	- 25	19	12.8	
6	3	HGHR 1212-12-3T6	12x12	11.0	12	- 16	19	15.7	
6	3	HGHR 1212-16-3T6	12x12	11.0	16	- 25	19	14.8	
6	3	HGHR 1616-12-3T6	16x16	15.0	12	- 16	21	19.7	HGPL 3003Y
6	3	HGHR 1616-16-3T6	16x16	15.0	16	- 25	21	18.8	
6	3	HGHL 1010-12-3T6	10x10	9.5	12	- 16	19	13.7	
6	3	HGHL 1010-16-3T6	10x10	9.5	16	- 25	19	12.8	
6	3	HGHL 1212-12-3T6	12x12	11.0	12	- 16	19	15.7	HGPL 3003Y
6	3	HGHL 1212-16-3T6	12x12	11.0	16	- 25	19	14.8	
6	3	HGHL 1616-12-3T6	16x16	15.0	12	- 16	21	19.7	
6	3	HGHL 1616-16-3T6	16x16	15.0	16	- 25	21	18.8	

Spare parts: Screw SR 76-1400; Torx key T-20/3.