

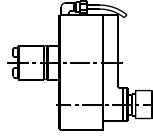


TSUGAMI

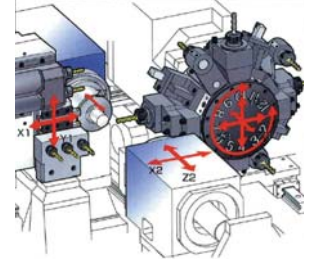
BH 20/38

TS.001.BH

AXIAL OFFSET

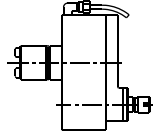


ER-16
RATIO 1:1
5.000 RPM MAX.



TS.002.BH

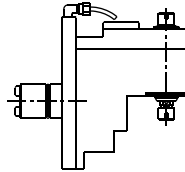
AXIAL SPEEDER



ER-11
RATIO 1:2
8.000 RPM MAX.

TS.008.BHA

**RADIAL DOUBLE
OUTPUT SPEEDER**

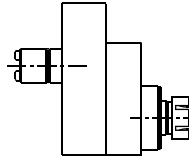


ER-11
RATIO 1:2
8.000 RPM MAX.



TS.001.BH-25

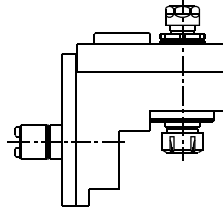
AXIAL OFFSET



ER-25
RATIO 1:1
4.000 RPM MAX.

TS.008.BHB

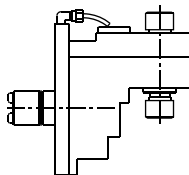
RADIAL DOUBLE OUTPUT



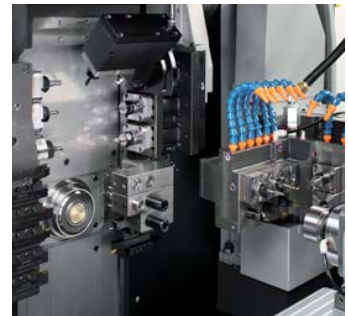
ER-25/ ER-16
RATIO 1:1
5.000 RPM MAX.

TS.008.BHC

RADIAL DOUBLE OUTPUT

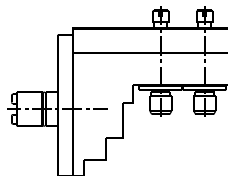


ER-16
RATIO 1:1
5.000 RPM MAX.



TS.008.BHD

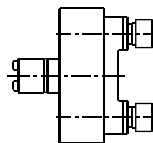
RADIAL 4 SPINDLES



ER-16/ER-11
RATIO 1:1
5.000 RPM MAX.

TS.023.BH

AXIAL DOUBLE OUTPUT



ER-16
RATIO 1:1
5.000 RPM MAX.



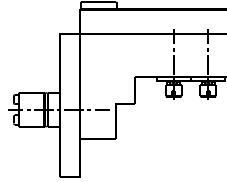
SPECIALS: NO PROBLEM



TSUGAMI

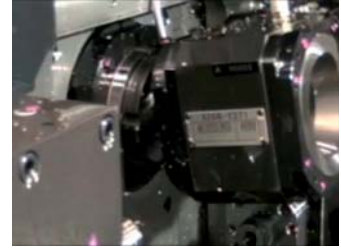
TS.008.BHE

**RADIAL DOUBLE
OUTPUT SPEEDER**



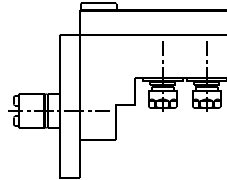
BH 20/38

ER-11
RATIO 1:2
8.000 RPM MAX.



TS.008.BHF

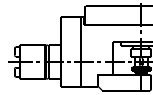
**RADIAL DOUBLE
OUTPUT**



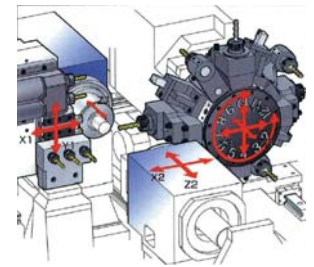
ER-16
RATIO 1:1
5.000 RPM MAX.

TS.030.BH

GEAR HOBBING

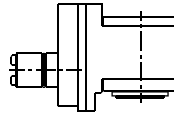


Ø 13
RATIO 1:1
4.000 RPM MAX.



TS.035.BH

THREAD WHIRLING

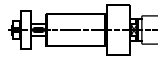


WHIRLER HEAD
RATIO 1:1
4.000 RPM MAX.

BS 125H/205H BS 26C/32C

TS.000.BS

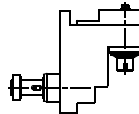
AXIAL



ER-16
RATIO 1:1
8.000 RPM MAX.

TS.011.BS

RADIAL SET-BACK

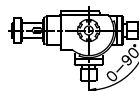


ER-11
RATIO 1:1
8.000 RPM MAX.



TS.021.BS

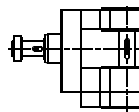
RADIAL ADJUSTABLE



ER-11
RATIO 1:1
8.000 RPM MAX.

TS.030.BS

SAW CUTTING



Ø 16
RATIO 1:1
8.000 RPM MAX.



SPECIALS: NO PROBLEM

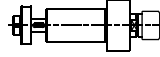


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SS 20/38

TS.000.SS

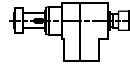
AXIAL



ER-16
RATIO 1:1
8.000 RPM MAX.

TS.002.SS

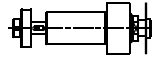
AXIAL SPEEDER



ER-16
RATIO 1:2
8.000 RPM MAX.

TS.038.SS

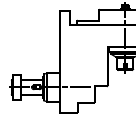
AXIAL SAW-MILL



Ø 12
RATIO 1:1
8.000 RPM MAX.

TS.011.SS

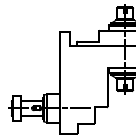
RADIAL SET-BACK



ER-11
RATIO 1:1
8.000 RPM MAX.

TS.008.SS

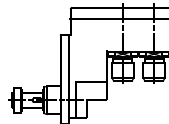
**RADIAL DOUBLE
OUTPUT**



ER-11
RATIO 1:1
8.000 RPM MAX.

TS.029.SS

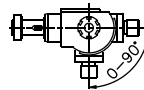
**RADIAL DOUBLE
OUTPUT ADJUSTABLE**



ER-16
RATIO 1:1
8.000 RPM MAX.

TS.021.SS

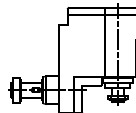
RADIAL ADJUSTABLE



ER-11
RATIO 1:1
8.000 RPM MAX.

TS.034.SS

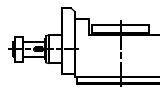
POLYGON MAKER



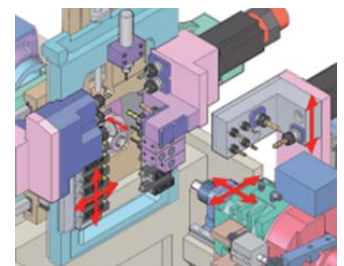
POLYGON TOOL
RATIO 1:1
8.000 RPM MAX.

TS.035.SS

THREAD WHIRLING



WHIRLER HEAD
RATIO 1:1
8.000 RPM MAX.



SPECIALS: NO PROBLEM

TOOLING FOR **BENZINGER - CITIZEN - DECO - DMG - ESCOMATIC - HANWHA - MAIER - MANURHIN - NEXTURN - PFIFFNER - STAR - WITECH - ETC.** PLEASE ASK FOR LITERATURE

Rec del Molí 11-17 08105 SANT FOST DE CAMPSENTELLES - BARCELONA (SPAIN) TEL.: 34.93.593.36.00 - FAX.: 34.93.570.07.99 - Email.: comercial@madaula.com





TSUGAMI

BN 12/20

TS.000.BN	AXIAL		ER-16 RATIO 1:1 8.000 RPM MAX.	
TS.002.BN	AXIAL SPEEDER		ER-16 RATIO 1:2 8.000 RPM MAX.	
TS.038.BN	AXIAL SAW-MILL		Ø 12 RATIO 1:1 8.000 RPM MAX.	
TS.011.BN	RADIAL SET-BACK		ER-11 RATIO 1:1 8.000 RPM MAX.	
TS.008.BN	RADIAL DOUBLE OUTPUT		ER-11 RATIO 1:1 8.000 RPM MAX.	
TS.029.BN	RADIAL DOUBLE OUTPUT ADJUSTABLE		ER-16 RATIO 1:1 8.000 RPM MAX.	
TS.021.BN	RADIAL ADJUSTABLE		ER-11 RATIO 1:1 8.000 RPM MAX.	
TS.034.BN	POLYGON MAKER		POLYGON TOOL RATIO 1:1 8.000 RPM MAX.	
TS.035.BN	THREAD WHIRLING		WHIRLER HEAD RATIO 1:1 8.000 RPM MAX.	

SPECIALS: NO PROBLEM

