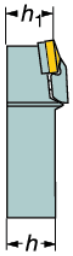
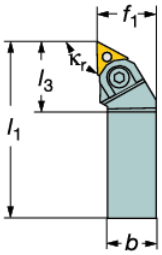
Shank tools

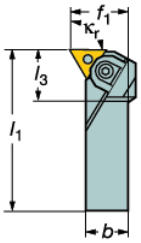
T-Max P wedge clamp design

	MTJNR/L WTJNR/L	WTFNR/L
Entering angle:	κ_r 93°	κ_r 91°
Lead angle:	-3°	-1°

TNMM, TNMX
TNMG
TNMA, TNGA

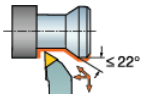




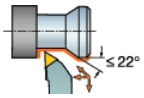
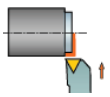


Right hand style shown unless otherwise stated

Metric version

Main application	↔	iC	Ordering code	Dimensions, mm b	f1	h	h1	l1	l3	γ 1)	λs 2)	Gauge inserts
	16	3/8	MTJNR/L 2020K 16M1	20	25	20	20	125	30.8	-6°	-6°	TNMG 16 04 08
			MTJNR/L 2525M 16M1	25	32	25	25	150	30.8	-6°	-6°	TNMG 16 04 08
			MTJNR/L 3225P 16M1	25	32	32	32	170	30.8	-6°	-6°	TNMG 16 04 08
	22	1/2	MTJNR/L 2525M 22M1	25	32	25	25	150	34.8	-6°	-6°	TNMG 22 04 08
			MTJNR/L 3225P 22M1	25	32	32	32	170	34.8	-6°	-6°	TNMG 22 04 08

Inch version

Main application	iC	Ordering code	Dimensions, inch b	f1	h	h1	l1	l3	γ 1)	λs 2)	Gauge inserts
	1/2	WTJNR/L 16 4C	1.000	1.250	1.000	1.000	5.000	1.540	-4°	-13°	TNMG 432
		WTJNR/L 16 4D	1.000	1.250	1.000	1.000	6.000	1.540	-4°	-13°	TNMG 432
		WTJNR/L 20 4D	1.250	1.500	1.250	1.250	6.000	1.540	-4°	-13°	TNMG 432
		WTJNR/L 85 4D	1.000	1.250	1.250	1.250	6.000	1.540	-4°	-13°	TNMG 432
	3/8	WTJNR/L 12 3B	.750	1.000	.750	.750	4.500	1.250	-4°	-13°	TNMG 332
		WTJNR/L 16 3D	1.000	1.250	1.000	1.000	6.000	1.540	-4°	-13°	TNMG 332
		WTJNR 20 3D	1.250	1.500	1.250	1.250	6.000	1.540	-4°	-13°	TNMG 332
	5/8	WTJNR/L 20 5D	1.250	1.500	1.250	1.250	6.000	1.750	-4°	-13°	TNMG 543
		WTJNR/L 24 5D	1.500	2.000	1.500	1.500	6.000	1.750	-4°	-13°	TNMG 543
	1/2	WTFNR/L 16 4D	1.000	1.250	1.000	1.000	6.000	1.190	-6°	-6°	TNMG 432

1) γ = Rake angle (valid with flat insert).
2) λ_s = Angle of inclination.

R = Right hand, L = Left hand

Main spare parts

Insert size	↔	iC	Wedge clamp set	Key (mm/inch)	Shim	Pin	Screw	Key (mm/inch)
MTJNR/L	16	3/8	170.38-820-1	174.1-863 (2.5)	170.3-852	5313 021-02	3212 010-206	174.1-863 (2.5)
	22	1/2	170.38-821-1	174.1-864 (3.0)	170.3-855	181.38-840	3212 010-255	174.1-864 (3.0)
WTJNR/L	16	3/8 1)	A170.38-820-1	265.2-818 (3/32)	170.3-852	5313 021-02	3212 010-206	174.1-863 (2.5)
	16	3/8	A170.38-820-1	265.2-818 (3/32)	170.3-852	5313 021-02	3212 010-206	174.1-863 (2.5)
	22	1/2	A170.38-821-1	174.1-871 (1/8)	170.3-859	170.3-836M-1 2)	-	174.1-871 (1/8)
	27	5/8	A170.38-822-1	174.1-871 (1/8)	170.3-858	170.3-848M-1 2)	-	3021 010-040 (5/32)
WTFNR/L	22	1/2	A170.38-821-1	174.1-871 (1/8)	170.3-859	170.3-836M-1 2)	-	174.1-871 (1/8)

1) Only for WTJNR/L 123B.
2) Shim pin and screw.

 A9
 A120
 A368
 G6
 A2
 J2

SANDVIK Coromant