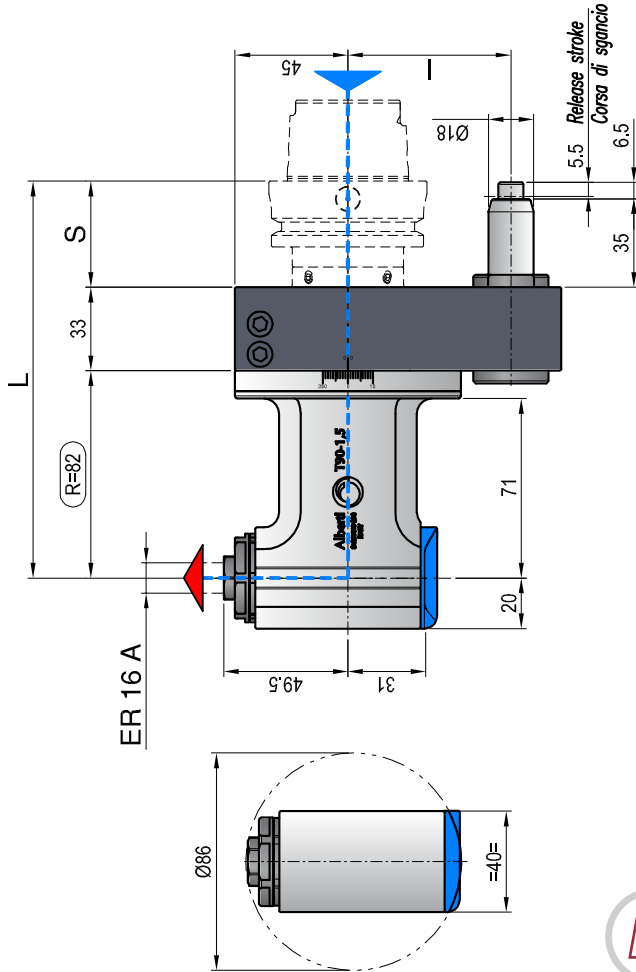




Angle Head Dimensions

Reference Only • Detailed drawings available upon request



Weight
8.8 lbs

 **Direction of rotation opposite machine spindle.**

 **Max coolant pressure 100bar, 1450 psi**

Technical Features



Ratio
1.1



RPM
10.000 min⁻¹



Max. axial load
250 N



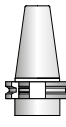
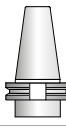
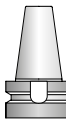
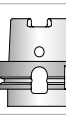
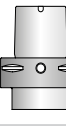
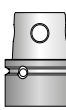
Torque
25 Nm



Tapping
Max. M6



Collet
ER-16
(ø1/10 mm)

INPUT TAPER	SIZE	I	S	L
 DIN-69871	40	65-80- (110*)	35	150
 CAT	50	80-(110*)	35	150
 MAS-BT	40	65-80- (110*)	35	150
	50	80-(110*)	41	156
 HSK	63-80	65-80- (110*)	42	157
	100	80-(110*)	45	160
 CAPTO	C5-C6	65-80- (110*)	38	153
	C8	80-(110*)	40	155
 KM	50-63	65-80- (110*)	40	155

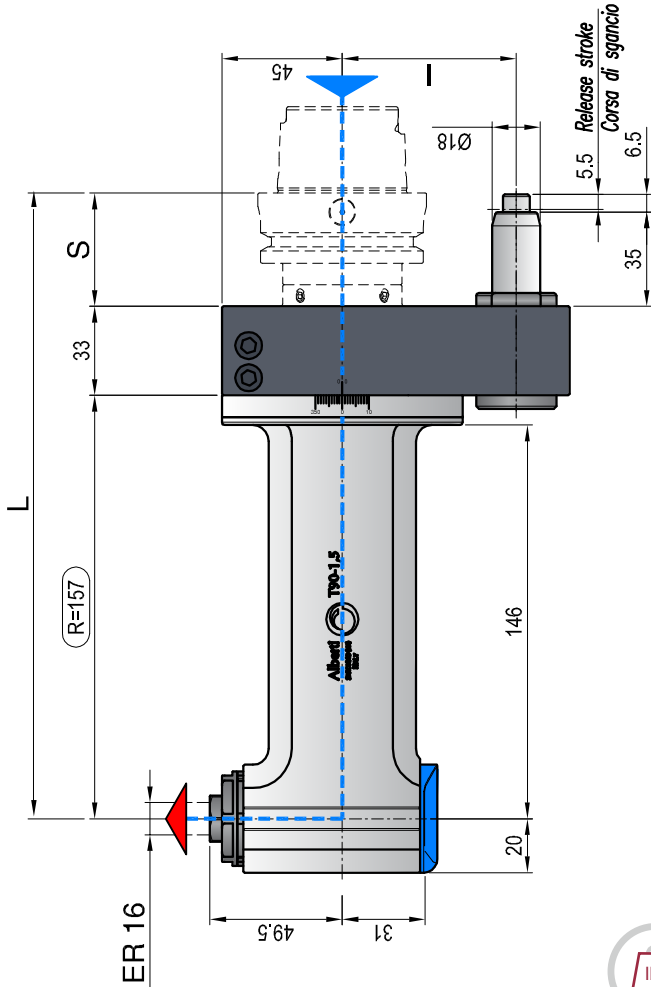
- Also available without coolant.
- Maximum speed 4,000 min⁻¹


PLUS


- Dry running also possible (8,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



 Direction of rotation opposite machine spindle.

 Max coolant pressure 100bar, 1450 psi



Weight
11.44lbs

Technical Features



Ratio
1.1



RPM
10.000 min⁻¹



Max. axial load
250 N



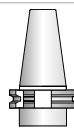
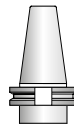
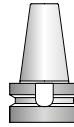
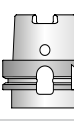
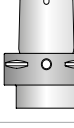
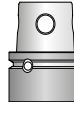
Torque
25 Nm



Tapping
Max. M6



Collet
ER-16
(ø1/10 mm)

INPUT TAPER	SIZE	I	S	L
 DIN-69871	40	65-80- (110*)	35	225
 CAT	50	80-(110*)	35	225
 MAS-BT	40	65-80- (110*)	35	225
	50	80-(110*)	41	232
 HSK	63-80	65-80- (110*)	42	233
	100	80-(110*)	45	236
 CAPTO	C5-C6	65-80- (110*)	38	228
	C8	80-(110*)	40	221
 KM	50-63	65-80- (110*)	40	231

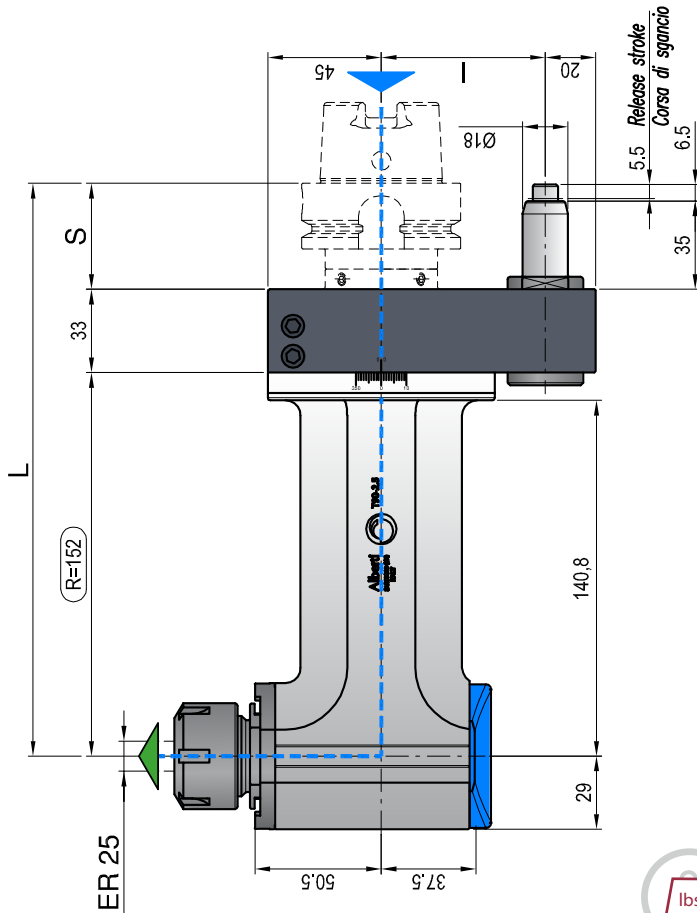
- Also available without coolant.
- Maximum speed 4,000 min⁻¹

PLUS

- Dry running also possible (8,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



Weight
14.74lbs

Direction of rotation same as machine spindle

Max coolant pressure 100bar, 1450 psi

Technical Features



Ratio
1.1



RPM
9.000 min⁻¹



Max. axial load
510 N



Torque
50 Nm



Tapping
Max. M12



Collet
ER-25
(ø1/16 mm)

INPUT TAPER	SIZE	I	S	L
DIN-69871	40	65-80	35	222
CAT	50	80-(110*)	35	222
MAS-BT	40	65-80-(110*)	35	222
	50	80-(110*)	41	229
HSK	63-80	65-80-(110*)	42	230
	100	80-(110*)	45	233
CAPTO	C5-C6	65-80-(110*)	38	225
	C8	80-(110*)	40	228
KM	63	65-80-(110*)	40	228

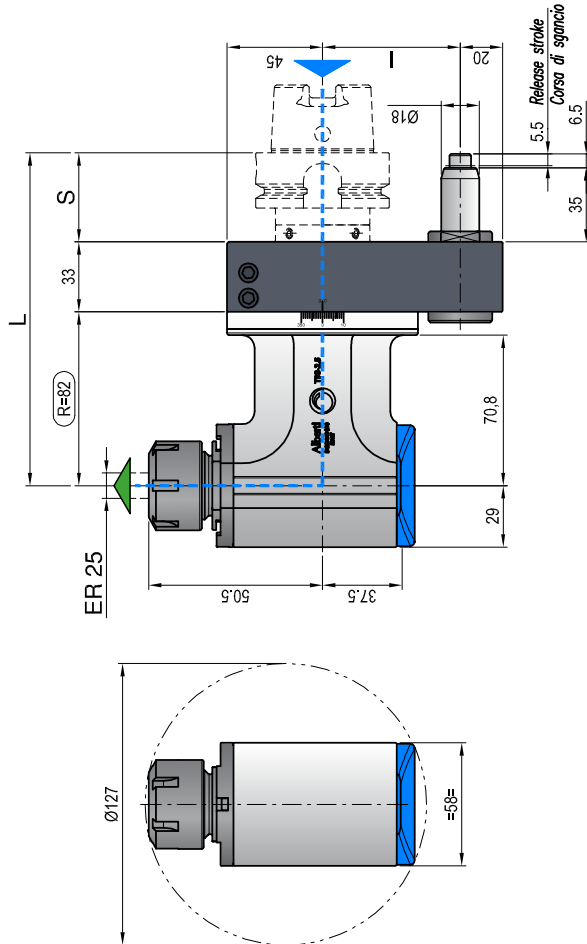
- Also available without coolant. Maximum speed 4,000 min⁻¹

PLUS



- Dry running also possible (6,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



 **Weight**
11.88lbs

-  Direction of rotation same as machine spindle
-  Max coolant pressure 100bar, 1450 psi

Technical Features



Ratio
1.1



RPM
9.000 min⁻¹



Max. axial load
510 N



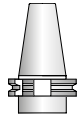
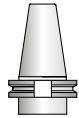
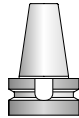
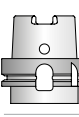
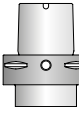
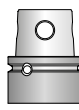
Torque
50 Nm



Tapping
Max. M12



Collet
ER-25
(ø1/16 mm)

INPUT TAPER	SIZE	I	S	L
 DIN-69871	40	65-80	35	150
 CAT	50	80-(110*)	35	150
 MAS-BT	40	65-80-(110*)	35	150
	50	80-(110*)	41	156
 HSK	63-80	65-80-(110*)	42	157
	100	80-(110*)	45	160
 CAPTO	C5-C6	65-80-(110*)	38	153
	C8	80-(110*)	40	155
 KM	63	65-80-(110*)	40	155

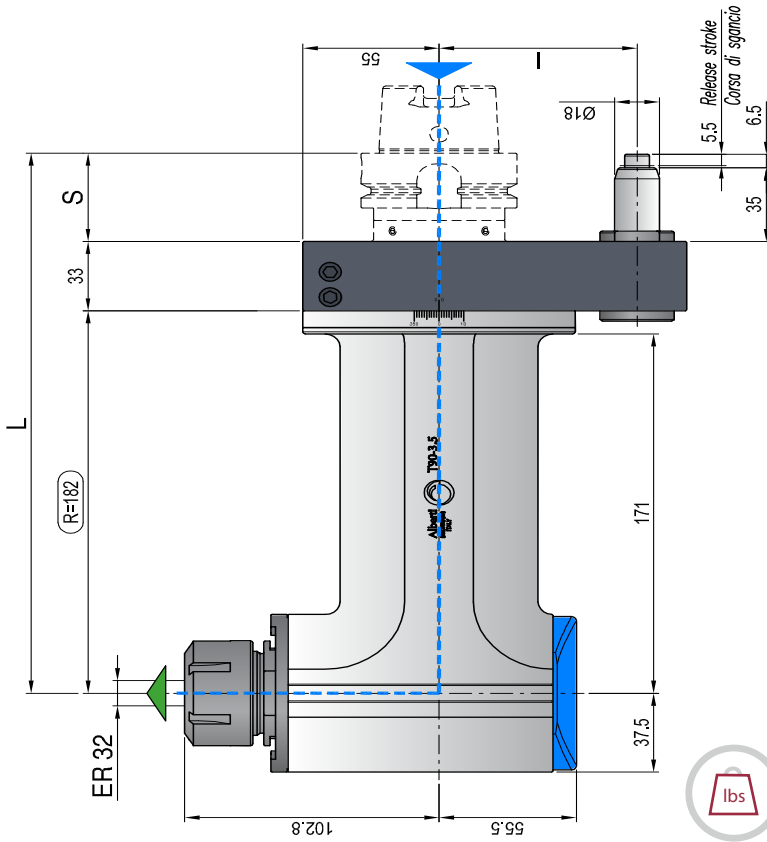
- Also available without coolant.
Maximum speed 4,000 min⁻¹

PLUS

- Dry running also possible (6,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



Weight
29.04lbs

◀ Direction of rotation same as machine spindle

▶ Max coolant pressure 100bar, 1450 psi

- Also available without coolant.
Maximum speed 5,000 min⁻¹

Technical Features



Ratio
1.1



RPM
8.000 min⁻¹



Max. axial load
1.250 N



Torque
70 Nm



Tapping
Max. M16



Collet
ER-32
(ø2/20 mm)

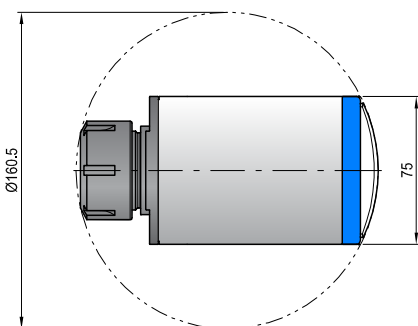
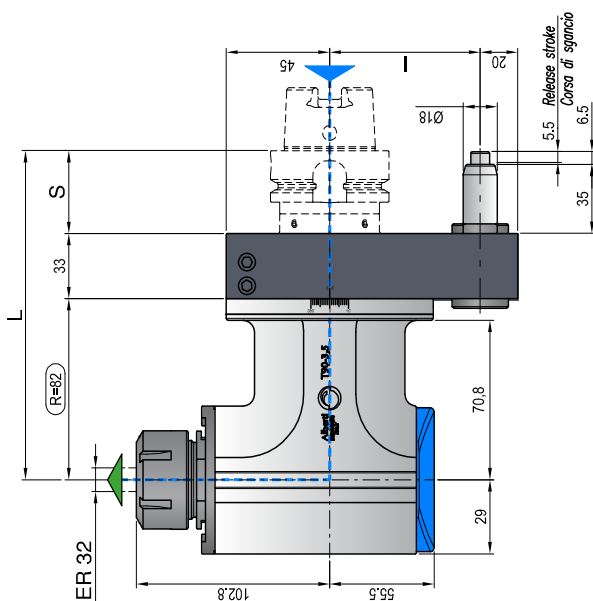
INPUT TAPER	SIZE	I	S	L
DIN-69871	50	80-110	35	250
CAT				
MAS-BT	50	80-110	41	250
HSK	63-80	80-110	42	257
	100	80-110	45	260
CAPTO	C6	80-110	38	253
	C8	80-110	40	255
KM	63	80-110	40	255

PLUS

- Dry running also possible (5,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



Weight
24.2lbs



Direction of rotation same as machine spindle



Max coolant pressure 100bar, 1450 psi

Technical Features



Ratio

1.1



RPM

8.000 min⁻¹



Max. axial load

1.250 N



Torque

70 Nm



Tapping

Max. M16



Collet

ER-32
(ø2/20 mm)

INPUT TAPER	SIZE	I	S	L
DIN-69871	50	80-110	35	150
CAT	50	80-110	41	150
MAS-BT	50	80-110	42	157
HSK	63-80	80-110	45	160
	100	80-110	40	155
CAPTO	C6	80-110	38	153
	C8	80-110	40	155
KM	63	80-110	40	155

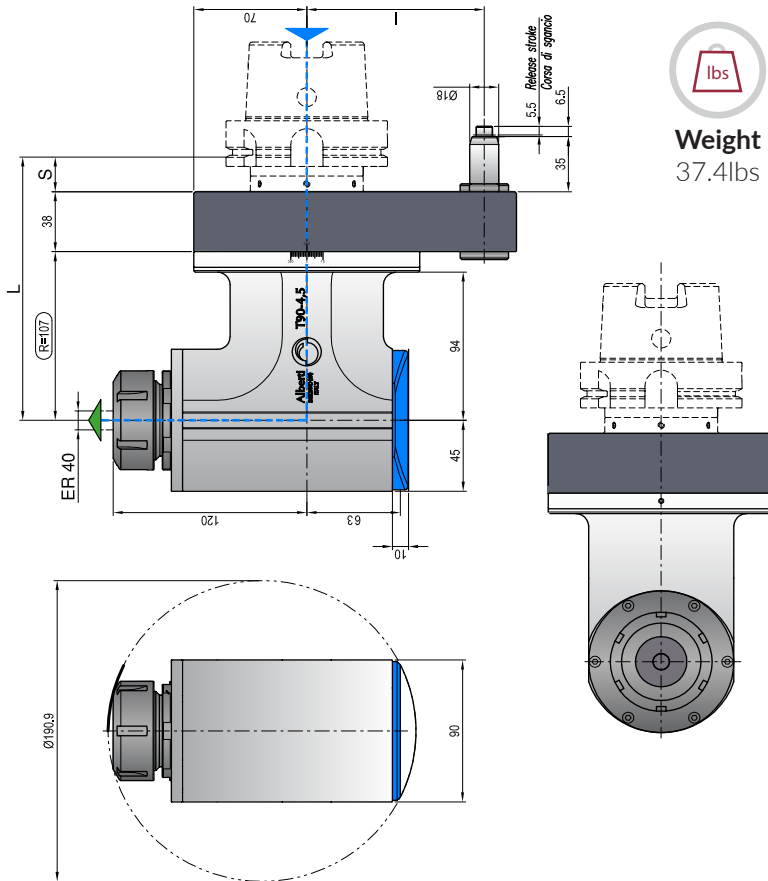
- Also available without coolant.
Maximum speed 5,000 min⁻¹

PLUS

- Dry running also possible (5,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



Weight
37.4lbs

Technical Features



Ratio

1.1



RPM

6.000 min⁻¹



Max. axial load

1.750 N



Torque

90 Nm



Tapping

Max. M20



Collet

ER-40
(ø3/30 mm)

◀ Direction of rotation same as machine spindle

▶ Max coolant pressure 100bar, 1450 psi

- Also available without coolant.
Maximum speed 4,000 min⁻¹

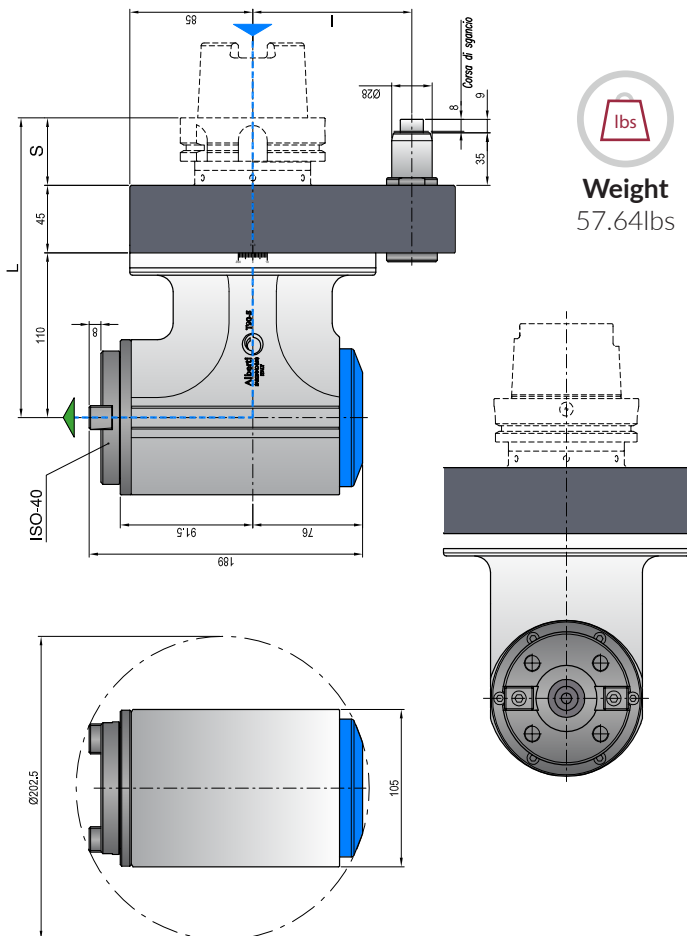
INPUT TAPER	SIZE	I	S	L
DIN-69871	50	110	35	180
	CAT			
MAS-BT	50	110	41	186
HSK	80	110	42	187
	100	110	45	190
CAPTO	C8	110	40	185

PLUS

- Dry running also possible (4,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool

Angle Head Dimensions

Reference Only • Detailed drawings available upon request



◀ Direction of rotation same as machine spindle

▶ Max coolant pressure 100bar, 1450 psi

- Also available without coolant. Maximum speed 4,000 min⁻¹

Technical Features



Ratio

1.1



RPM

5.000 min⁻¹



Max. axial load

1.800 N



Torque

160 Nm



Tapping

Max. M24



Collet

ISO/BT 40

INPUT TAPER	SIZE	I	S	L
DIN-69871				
	50	110	35	190
CAT				
MAS-BT	50	110	41	196
HSK	100	110	45	200
CAPTO	C8	110	40	195

PLUS

- Dry running also possible (3,000 min⁻¹)
- Increased torque thanks to bigger gears
- New drive system with pins for gear set
- One-hand wrench to tighten the tool