Falcon®

ACCESSORIES

2022 Catalog

World-class products

Precise quality

Satisfied customer

TÜV SÜD ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD South Asia

CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited

certifies that

Falcon

Falcon Toolings
SF No -205/1 & 2, Kuttai Thottam, Kalapatti post
Coimbatore - 641 048, Tamil Nadu, INDIA

has implemented a Quality Management System
in accordance with **ISO 9001:2015**
For Scope of

Design, Development, Manufacturing & Supply of Toolings

The certificate is valid in conjunction
with the main certificate From **2021-01-20** until **2024-01-19**
Subject to successful completion of annual periodic audits
The present status of this Certificate can be obtained on www.tuvsud.com/en-in
Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 100 10587/01**

Date of Initial certification : **2015-01-20**

Rahul Kale
Head of Certification Body
of TÜV SÜD South Asia Private Limited, **Mumbai**
Member of TÜV SÜD Group

NABCB QM011

TÜV SÜD South Asia Pvt. Ltd. ● TÜV SÜD House ● Saki Naka ● Andheri (East) ● Mumbai – 400072 ● Maharashtra ● India

ACCESSORIES

Table of contents

Description Page

ER - Collets DIN 6499
ER Collet Systems DIN 6499 4
Dimensions 4
Concentricity 4
ERS Standard Collets (DIN 6499 Form B) 5
Collets – ER8 5
Collets – ER11 5
Collets – ER16 5
Collets – ER20 6
Collets – ER25 6
Collets – ER32 6
Collets – ER40 7
Collets – ER50 7
ERT - Tap Collets (DIN 6499 Form A) 8
Tap Collets ER16 8
Tap Collets ER20 8
Tap Collets ER25 8
Tap Collets ER32 9
Tap Collets ER40 9
Tap Collets ER50 9
ERH - High Precision Collets (DIN6499 Form B) 10
Collets – ER8 10
Collets – ER11 10
Collets - ER16 10
Collets – ER20 11
Collets – ER25 11
Collets – ER32 11
Collets – ER40 12
ERN - Sealed Collets (DIN6499 Form A) 13
Collets – ER16 13
Collets – ER20 13
Collets – ER25 14
Collets – ER32 14
Collets – ER40 15
Collets – ER50 15

PS - Pull Stud
MAS 403 BT (DIN ISO 7388-3) 16
MAS 403 BT with TC hole (DIN ISO 7388-3) 16
DIN 69872 A -WITH TC 16
DIN 69872 A -WITH TC O RING 17
DIN 69872 B -WITH O RING WITHOUT TC 17
JIS 6339 SIMILAR TO DIN 69872-A TC 17
JIS 6339 SIMILAR TO DIN 69872-A 17
ISO 7388 -WITH TC HOLE 18
ISO 7388 WITH TC O RING 18
MAZAK WITH TC 18
MAZAK WITH TC HOLE AND O RING 18
MAS 403 BT with TC hole (Brother M\C) 18

5500 - ER Nut (DIN 6499 Form D)
Hexagonal Nut 19
Mini Nut 19
Slotted Nut 19

55SP - Spanner
Spanner For Hexagonal Nut 20
Spanner For Mini Nut 20
Spanner For Slotted Nut 20

Description Page

SFC - Shrink Fit Chuck (DIN 69882-8)
Shrink Fit Extensions 21
Spares 21

CYS - Cylindrical shank extensions- ERS (DIN6499 Form c)
Cylindrical shank -ER Mini 22
Cylindrical shank -ER 22
Spares 22
Accessories 23

MTA – B - Morse Taper Collet Chucks
MTA Type Collet Chucks (DIN 228-1 Form B) 24
Morse Taper Collect Chuck – TANG 24
MTB Type Collet Chucks (DIN 228-2 Form A) 24
Morse Taper Collect Chuck – THREADED 24
Accessories 24

CL - CNC Lathe Holders
CL - Collet Chucks - ER 25
Spares 25
Accessories 25

6600 - CNC Lathe Boring Bar Sleeves
Boring Bar Sleeve 26
Boring Bar Sleeve MT 26

2211 - R8 Collet Chucks
R8 Collet Chucks 27
Accessories 27

55TB - Tool Clamping Device
Tool Clamping Device HSK 28
Tool Clamping Device ISO 28

66TS - Test Bars
Test Bars – ISO Taper 29
Test Bars - HSK Taper 29

ATC “0” Setting Mandrel
ATC “0” Setting - ISO 30
ATC "0" Setting - HSK 30

KDCH - Drill Chucks
Drill Chucks 31

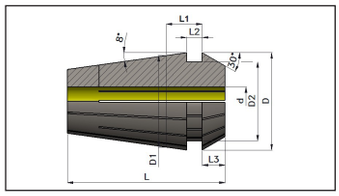
CTUB - Coolant Tube (DIN 69895)
HSK -A 32
POLYGON COOLANT TUBE 32

SPCT - Spanner For Coolant tube
HSK -A 33

GYC - Gyro Chucks
Parallel Shank 35

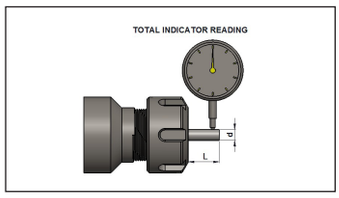
ER Collet Systems DIN 6499

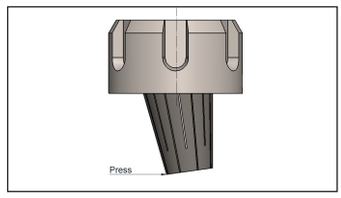
Dimensions

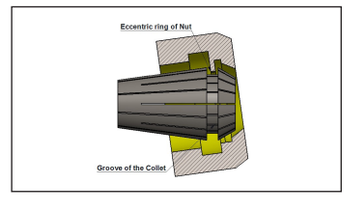


Part No.	L	L1	L2	L3	D	D1	D2
ER 8	13.5	12.98	1.2	1.5	8.5	8.0	6.5
ER 11	18.0	3.80	2.0	2.5	11.5	11.0	9.5
ER 16	27.5	6.26	2.7	4.01	17.0	16.0	13.8
ER 20	31.5	6.36	2.8	4.8	21.0	20.0	17.4
ER 25	34.0	6.66	3.1	5.0	26.0	25.0	22.0
ER 32	40.0	7.16	3.6	5.5	33.0	32.0	29.2
ER 40	46.0	7.66	4.1	7.0	41.0	40.0	36.2
ER 50	60.0	12.60	5.5	8.5	52.0	50.0	46.0

Concentricity







Method of Insertion & Release of ER Collets

1. Insert collet into nut at angle as shown to engage extraction tonge in groove of collet
2. Screw nut onto collet with collet securely in nut
3. Insert tool to be gripped and lock nut

1. Hold nut in vertical position
2. Press collet side ways as shown by the arrow to release the collet from nut

Clamping range	L	Max T.I.R.
1.0 - 1.6	6	0.015
1.6 - 3.0	10	
3.0 - 6.0	16	
6.0 - 10.0	25	
10.0 - 18.0	40	0.020
18.0 - 26.0	50	
26.0 - 34.0	60	0.025

ERS Standard Collets (DIN 6499 Form B)

Collets – ER8

Part No.	Product name	(D) RANGE	Group
F1ERSM-08010	COLLETS STANDARD - METRIC ER08 010	1.0 – 0.5	A2500
F1ERSM-08015	COLLETS STANDARD - METRIC ER08 015	1.5 – 1.0	A2500
F1ERSM-08020	COLLETS STANDARD - METRIC ER08 020	2.0 - 1.5	A2500
F1ERSM-08025	COLLETS STANDARD - METRIC ER08 025	2.5 – 2.0	A2500
F1ERSM-08030	COLLETS STANDARD - METRIC ER08 030	3.0 – 2.5	A2500
F1ERSM-08035	COLLETS STANDARD - METRIC ER08 035	3.5 – 3.0	A2500
F1ERSM-08040	COLLETS STANDARD - METRIC ER08 040	4.0 – 3.5	A2500
F1ERSM-08045	COLLETS STANDARD - METRIC ER08 045	4.5 – 4.0	A2500
F1ERSM-08050	COLLETS - STANDARD - METRIC ER08 050	5.0 - 4.5	A2500
F1ERSM-08SET	COLLETS - STANDARD - METRIC ER08 SET	9 Pcs	A2500

Collets – ER11

Part No.	Product name	(D) RANGE	Group
F1ERSM-11010	COLLETS STANDARD - METRIC ER11 010	1.0 - 0.5	A2500
F1ERSM-11015	COLLETS STANDARD - METRIC ER11 015	1.5 - 1.0	A2500
F1ERSM-11020	COLLETS STANDARD - METRIC ER11 020	2.0 - 1.5	A2500
F1ERSM-11025	COLLETS STANDARD - METRIC ER11 025	2.5 - 2.0	A2500
F1ERSM-11030	COLLETS STANDARD - METRIC ER11 030	3.0 - 2.5	A2500
F1ERSM-11035	COLLETS STANDARD - METRIC ER11 035	3.5 - 3.0	A2500
F1ERSM-11040	COLLETS STANDARD - METRIC ER11 040	4.0 - 3.5	A2500
F1ERSM-11045	COLLETS STANDARD - METRIC ER11 045	4.5 - 4.0	A2500
F1ERSM-11050	COLLETS STANDARD - METRIC ER11 050	5.0 - 4.5	A2500
F1ERSM-11055	COLLETS STANDARD - METRIC ER11 055	5.5 - 5.0	A2500
F1ERSM-11060	COLLETS STANDARD - METRIC ER11 060	6.0 - 5.5	A2500
F1ERSM-11065	COLLETS - STANDARD - METRIC ER11 065	6.5 - 6.0	A2500
F1ERSM-11070	COLLETS - STANDARD - METRIC ER11 070	7.0 - 6.5	A2500
F1ERSM-11SET	COLLETS STANDARD - METRIC ER11 SET	13PCS	A2500

Collets – ER16

Part No.	Product name	(D) RANGE	Group
F1ERSM-16010	COLLETS - STANDARD - METRIC ER16 010	1.0 - 0.5	A2500
F1ERSM-16020	COLLETS - STANDARD - METRIC ER16 020	2.0 - 1.0	A2500
F1ERSM-16030	COLLETS - STANDARD - METRIC ER16 030	3.0 - 2.0	A2500
F1ERSM-16040	COLLETS - STANDARD - METRIC ER16 040	4.0 - 3.0	A2500
F1ERSM-16050	COLLETS - STANDARD - METRIC ER16 050	5.0 - 4.0	A2500
F1ERSM-16060	COLLETS - STANDARD - METRIC ER16 060	6.0 - 5.0	A2500
F1ERSM-16070	COLLETS - STANDARD - METRIC ER16 070	7.0 - 6.0	A2500
F1ERSM-16080	COLLETS - STANDARD - METRIC ER16 080	8.0 - 7.0	A2500
F1ERSM-16090	COLLETS - STANDARD - METRIC ER16 090	9.0 - 8.0	A2500
F1ERSM-16100	COLLETS - STANDARD - METRIC ER16 100	10.0 - 9.0	A2500
F1ERSM-16SET	COLLETS - STANDARD - METRIC ER16 SET	10PCS	A2500

Collets – ER20

Part No.	Product name	(D) RANGE	Group
F1ERSM-20020	COLLETS - STANDARD - METRIC ER20 020	2.0 – 1.0	A2500
F1ERSM-20030	COLLETS - STANDARD - METRIC ER20 030	3.0 – 2.0	A2500
F1ERSM-20040	COLLETS - STANDARD - METRIC ER20 040	4.0 – 3.0	A2500
F1ERSM-20050	COLLETS - STANDARD - METRIC ER20 050	5.0 – 4.0	A2500
F1ERSM-20060	COLLETS - STANDARD - METRIC ER20 060	6.0 – 5.0	A2500
F1ERSM-20070	COLLETS - STANDARD - METRIC ER20 070	7.0 – 6.0	A2500
F1ERSM-20080	COLLETS - STANDARD - METRIC ER20 080	8.0 – 7.0	A2500
F1ERSM-20090	COLLETS - STANDARD - METRIC ER20 090	9.0 – 8.0	A2500
F1ERSM-20100	COLLETS - STANDARD - METRIC ER20 100	10.0 – 9.0	A2500
F1ERSM-20110	COLLETS - STANDARD - METRIC ER20 110	11.0 – 10.0	A2500
F1ERSM-20120	COLLETS - STANDARD - METRIC ER20 120	12.0 – 11.0	A2500
F1ERSM-20130	COLLETS - STANDARD - METRIC ER20 130	13.0 – 12.0	A2500
F1ERSM-20SET	COLLETS - STANDARD - METRIC ER20 SET	12 Pcs	A2500

Collets – ER25

Part No.	Product name	(D) RANGE	Group
F1ERSM-25020	COLLETS - STANDARD - METRIC ER25 020	2.0 – 1.0	A2500
F1ERSM-25030	COLLETS - STANDARD - METRIC ER25 030	3.0 – 2.0	A2500
F1ERSM-25040	COLLETS - STANDARD - METRIC ER25 040	4.0 – 3.0	A2500
F1ERSM-25050	COLLETS - STANDARD - METRIC ER25 050	5.0 – 4.0	A2500
F1ERSM-25060	COLLETS - STANDARD - METRIC ER25 060	6.0 – 5.0	A2500
F1ERSM-25070	COLLETS - STANDARD - METRIC ER25 070	7.0 – 6.0	A2500
F1ERSM-25080	COLLETS - STANDARD - METRIC ER25 080	8.0 – 7.0	A2500
F1ERSM-25090	COLLETS - STANDARD - METRIC ER25 090	9.0 – 8.0	A2500
F1ERSM-25100	COLLETS - STANDARD - METRIC ER25 100	10.0 – 9.0	A2500
F1ERSM-25110	COLLETS - STANDARD - METRIC ER25 110	11.0 – 10.0	A2500
F1ERSM-25120	COLLETS - STANDARD - METRIC ER25 120	12.0 – 11.0	A2500
F1ERSM-25130	COLLETS - STANDARD - METRIC ER25 130	13.0 – 12.0	A2500
F1ERSM-25140	COLLETS - STANDARD - METRIC ER25 140	14.0 – 13.0	A2500
F1ERSM-25150	COLLETS - STANDARD - METRIC ER25 150	15.0 – 14.0	A2500
F1ERSM-25160	COLLETS - STANDARD - METRIC ER25 160	16.0 – 15.0	A2500
F1ERSM-25SET	COLLETS - STANDARD - METRIC ER25 SET	15 Pcs	A2500

Collets – ER32

Part No.	Product name	(D) RANGE	Group
F1ERSM-32030	COLLETS - STANDARD - METRIC ER32 030	3.0 – 2.0	A2500
F1ERSM-32040	COLLETS - STANDARD - METRIC ER32 040	4.0 – 3.0	A2500
F1ERSM-32050	COLLETS - STANDARD - METRIC ER32 050	5.0 – 4.0	A2500
F1ERSM-32060	COLLETS - STANDARD - METRIC ER32 060	6.0 – 5.0	A2500
F1ERSM-32070	COLLETS - STANDARD - METRIC ER32 070	7.0 – 6.0	A2500
F1ERSM-32080	COLLETS - STANDARD - METRIC ER32 080	8.0 – 7.0	A2500
F1ERSM-32090	COLLETS - STANDARD - METRIC ER32 090	9.0 – 8.0	A2500
F1ERSM-32100	COLLETS - STANDARD - METRIC ER32 100	10.0 – 9.0	A2500
F1ERSM-32110	COLLETS - STANDARD - METRIC ER32 110	11.0 – 10.0	A2500
F1ERSM-32120	COLLETS - STANDARD - METRIC ER32 120	12.0 – 11.0	A2500
F1ERSM-32130	COLLETS - STANDARD - METRIC ER32 130	13.0 – 12.0	A2500
F1ERSM-32140	COLLETS - STANDARD - METRIC ER32 140	14.0 – 13.0	A2500
F1ERSM-32150	COLLETS - STANDARD - METRIC ER32 150	15.0 – 14.0	A2500
F1ERSM-32160	COLLETS - STANDARD - METRIC ER32 160	16.0 – 15.0	A2500
F1ERSM-32170	COLLETS - STANDARD - METRIC ER32 170	17.0 – 16.0	A2500
F1ERSM-32180	COLLETS - STANDARD - METRIC ER32 180	18.0 – 17.0	A2500
F1ERSM-32190	COLLETS - STANDARD - METRIC ER32 190	19.0 – 18.0	A2500
F1ERSM-32200	COLLETS - STANDARD - METRIC ER32 200	20.0 – 19.0	A2500
F1ERSM-32SET	COLLETS - STANDARD - METRIC ER32 SET	18Pcs	A2500

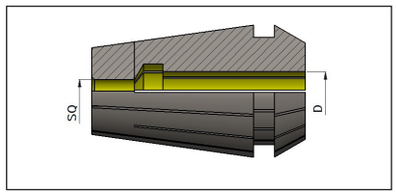
Collets – ER40

Part No.	Product name	(D) RANGE	Group
F1ERSM-40040	COLLETS - STANDARD - METRIC ER40 040	4.0 – 3.0	A2500
F1ERSM-40050	COLLETS - STANDARD - METRIC ER40 050	5.0 – 4.0	A2500
F1ERSM-40060	COLLETS - STANDARD - METRIC ER40 060	6.0 - 5.0	A2500
F1ERSM-40070	COLLETS - STANDARD - METRIC ER40 070	7.0 – 6.0	A2500
F1ERSM-40080	COLLETS - STANDARD - METRIC ER40 080	8.0 – 7.0	A2500
F1ERSM-40090	COLLETS - STANDARD - METRIC ER40 090	9.0 – 8.0	A2500
F1ERSM-40100	COLLETS - STANDARD - METRIC ER40 100	10.0 – 9.0	A2500
F1ERSM-40110	COLLETS - STANDARD - METRIC ER40 110	11.0 – 10.0	A2500
F1ERSM-40120	COLLETS - STANDARD - METRIC ER40 120	12.0 – 11.0	A2500
F1ERSM-40130	COLLETS - STANDARD - METRIC ER40 130	13.0 – 12.0	A2500
F1ERSM-40140	COLLETS - STANDARD - METRIC ER40 140	14.0 – 13.0	A2500
F1ERSM-40150	COLLETS - STANDARD - METRIC ER40 150	15.0 – 14.0	A2500
F1ERSM-40160	COLLETS - STANDARD - METRIC ER40 160	16.0 – 15.0	A2500
F1ERSM-40170	COLLETS - STANDARD - METRIC ER40 170	17.0 – 16.0	A2500
F1ERSM-40180	COLLETS - STANDARD - METRIC ER40 180	18.0 – 17.0	A2500
F1ERSM-40190	COLLETS - STANDARD - METRIC ER40 190	19.0 – 18.0	A2500
F1ERSM-40200	COLLETS - STANDARD - METRIC ER40 200	20.0 – 19.0	A2500
F1ERSM-40210	COLLETS - STANDARD - METRIC ER40 210	21.0 – 20.0	A2500
F1ERSM-40220	COLLETS - STANDARD - METRIC ER40 220	22.0 – 21.0	A2500
F1ERSM-40230	COLLETS - STANDARD - METRIC ER40 230	23.0 – 22.0	A2500
F1ERSM-40240	COLLETS - STANDARD - METRIC ER40 240	24.0 – 23.0	A2500
F1ERSM-40250	COLLETS - STANDARD - METRIC ER40 250	25.0 – 24.0	A2500
F1ERSM-40260	COLLETS - STANDARD - METRIC ER40 260	26.0 – 25.0	A2500
F1ERSM-40SET	COLLETS - STANDARD - METRIC ER40 SET	23 Pcs	A2500

Collets – ER50

Part No.	Product name	(D) RANGE	Group
F1ERSM-50120	COLLETS - STANDARD – METRIC ER50 120	12.0 – 10.0	A2500
F1ERSM-50140	COLLETS - STANDARD - METRIC ER50 140	14.0 – 12.0	A2500
F1ERSM-50160	COLLETS - STANDARD - METRIC ER50 160	16.0 – 14.0	A2500
F1ERSM-50180	COLLETS - STANDARD - METRIC ER50 180	18.0 – 16.0	A2500
F1ERSM-50200	COLLETS - STANDARD - METRIC ER50 200	20.0 – 18.0	A2500
F1ERSM-50220	COLLETS - STANDARD - METRIC ER50 220	22.0 – 20.0	A2500
F1ERSM-50240	COLLETS - STANDARD - METRIC ER50 240	24.0 – 22.0	A2500
F1ERSM-50260	COLLETS - STANDARD - METRIC ER50 260	26.0 – 24.0	A2500
F1ERSM-50280	COLLETS - STANDARD - METRIC ER50 280	28.0 – 26.0	A2500
F1ERSM-50300	COLLETS - STANDARD - METRIC ER50 300	30.0 – 28.0	A2500
F1ERSM-50320	COLLETS - STANDARD - METRIC ER50 320	32.0 – 30.0	A2500
F1ERSM-50340	COLLETS - STANDARD - METRIC ER50 340	34.0 – 32.0	A2500
F1ERSM-50SET	COLLETS - STANDARD - METRIC ER50 SET	12 Pcs	A2500

ERT - Tap Collets (DIN 6499 Form A)



Tap Collets ER16

Part No.	Product name	DIA	SQ	Group
F1ERTX-16501	TAP COLLETS ER16 D 3.5 X SQ 2.7	3.50	2.70	D2500
F1ERTX-16502	TAP COLLETS ER16 D 4.0 X SQ 3.0	4.00	3.00	D2500
F1ERTX-16503	TAP COLLETS ER16 D 4.5 X SQ 3.4	4.50	3.40	D2500
F1ERTX-16504	TAP COLLETS ER16 D 5.5 X SQ 4.3	5.50	4.30	D2500
F1ERTX-16505	TAP COLLETS ER16 D 6.0 X SQ 4.9	6.00	4.90	D2500
F1ERTX-16506	TAP COLLETS ER16 D 7.0 X SQ 5.5	7.00	5.50	D2500
F1ERTX-16507	TAP COLLETS ER16 D 8.0 X SQ 6.2	8.00	6.20	D2500
F1ERTX-16508	TAP COLLETS ER16 D 9.0 X SQ 7.0	9.00	7.00	D2500
F1ERTX-16509	TAP COLLETS ER16 D 10.0 X SQ 8.0	10.00	8.00	D2500

Tap Collets ER20

Part No.	Product name	DIA	SQ	Group
F1ERTX-20501	TAP COLLETS ER20 D 3.5 X SQ 2.7	3.50	2.70	D2500
F1ERTX-20502	TAP COLLETS ER20 D 4.0 X SQ 3.0	4.00	3.00	D2500
F1ERTX-20503	TAP COLLETS ER20 D 4.5 X SQ 3.4	4.50	3.40	D2500
F1ERTX-20504	TAP COLLETS ER20 D 5.5 X SQ 4.3	5.50	4.30	D2500
F1ERTX-20505	TAP COLLETS ER20 D 6.0 X SQ 4.9	6.00	4.90	D2500
F1ERTX-20506	TAP COLLETS ER20 D 7.0 X SQ 5.5	7.00	5.50	D2500
F1ERTX-20507	TAP COLLETS ER20 D 8.0 X SQ 6.2	8.00	6.20	D2500
F1ERTX-20508	TAP COLLETS ER20 D 9.0 X SQ 7.0	9.00	7.00	D2500
F1ERTX-20509	TAP COLLETS ER20 D 10.0 X SQ 8.0	10.00	8.00	D2500

Tap Collets ER25

Part No.	Product name	DIA	SQ	Group
F1ERTX-25501	TAP COLLETS ER25 D 3.5 X SQ 2.7	3.50	2.70	D2500
F1ERTX-25502	TAP COLLETS ER25 D 4.0 X SQ 3.0	4.00	3.00	D2500
F1ERTX-25503	TAP COLLETS ER25D 4.5 X SQ 3.4	4.50	3.40	D2500
F1ERTX-25504	TAP COLLETS ER25 D 5.5 X SQ 4.3	5.50	4.30	D2500
F1ERTX-25505	TAP COLLETS ER25 D 6.0 X SQ 4.9	6.00	4.90	D2500
F1ERTX-25506	TAP COLLETS ER25 D 7.0 X SQ 5.5	7.00	5.50	D2500
F1ERTX-25507	TAP COLLETS ER25 8 .0 X SQ 6.2	8.00	6.20	D2500
F1ERTX-25508	TAP COLLETS ER25 D 9.0 X SQ 7.0	9.00	7.00	D2500
F1ERTX-25509	TAP COLLETS ER25 D 10.0 X SQ 8.0	10.00	8.00	D2500
F1ERTX-25510	TAP COLLETS ER25 D 11.0 X SQ 9.0	11	9.00	D2500
F1ERTX-25511	TAP COLLETS ER25 D 12.0 X SQ 9.0	12.00	9.00	D2500
F1ERTX-25512	TAP COLLETS ER25 D 12.5 X SQ 10.0	12.50	10.00	D2500
F1ERTX-25513	TAP COLLETS ER25 D 14.0 X SQ 11.0	14.00	11.00	D2500
F1ERTX-25514	TAP COLLETS ER25 D 16.0 X SQ 12.0	16.00	12.00	D2500
F1ERTX-25516	TAP COLLETS ER25 D 9.0 X SQ 7.1	9.00	7.1	D2500
F1ERTX-25520	TAP COLLETS ER25 D 6.3 X SQ 5.0	6.30	5.00	D2500

Tap Collets ER32

Part No.	Product name	DIA	SQ	Group
F1ERTX-32503	TAP COLLETS ER32 D 4.5 X SQ 3.4	4.50	3.40	D2500
F1ERTX-32504	TAP COLLETS ER32 D 5.5 X SQ 4.3	5.50	4.30	D2500
F1ERTX-32505	TAP COLLETS ER32 D 6.0 X SQ 4.9	6.00	4.90	D2500
F1ERTX-32506	TAP COLLETS ER32 D 7.0 X SQ 5.5	7.00	5.50	D2500
F1ERTX-32507	TAP COLLETS ER32 D 8.0 X SQ 6.2	8.00	6.20	D2500
F1ERTX-32508	TAP COLLETS ER32 D 9.0 X SQ 7.0	9.00	7.00	D2500
F1ERTX-32509	TAP COLLETS ER32 D 10.0 X SQ 8.0	10.00	8.00	D2500
F1ERTX-32510	TAP COLLETS ER32 D 11.0 X SQ 9.0	11.00	9.00	D2500
F1ERTX-32511	TAP COLLETS ER32 D 12.0 X SQ 9.0	12.0	9.00	D2500
F1ERTX-32513	TAP COLLETS ER32 D 14.0 X SQ 11.0	14.00	11.00	D2500
F1ERTX-32514	TAP COLLETS ER32 D 16.0 X SQ 12.0	16.00	12.00	D2500
F1ERTX-32512	TAP COLLETS ER32 D 12.5 X SQ 10.0	12.50	10.00	D2500
F1ERTX-32516	TAP COLLETS ER32 D 9.0 X SQ 7.1	9.00	7.1	D2500
F1ERTX-32518	TAP COLLETS ER32 D 14.0 X SQ 11.2	14.00	11.2	D2500
F1ERTX-32519	TAP COLLETS ER32 D 18.0 X SQ 14.5	18.00	14.50	D2500
F1ERTX-32520	TAP COLLETS ER32 D 6.3 X SQ 5.0	6.30	5.0	D2500

Tap Collets ER40

Part No.	Product name	DIA	SQ	Group
F1ERTX-40503	TAP COLLETS ER40 D4.5 X SQ 3.4	4.50	3.40	D2500
F1ERTX-40505	TAP COLLETS ER40 D6.0 X SQ 4.9	6.0	4.9	D2500
F1ERTX-40506	TAP COLLETS ER40 D 7.0 X SQ 5.5	7.0	5.50	D2500
F1ERTX-40507	TAP COLLETS ER40 D 8.0 X SQ 6.2	8.00	6.20	D2500
F1ERTX-40508	TAP COLLETS ER40 D 9.0 X SQ 7.0	9.00	7.00	D2500
F1ERTX-40509	TAP COLLETS ER40 D 10.0 X SQ 8.0	10.0	8.0	D2500
F1ERTX-40510	TAP COLLETS ER40 D 11.0 X SQ 9.0	11.0	9.0	D2500
F1ERTX-40511	TAP COLLETS ER40 D 12.0 X SQ 9.0	12.0	9.0	D2500
F1ERTX-40512	TAP COLLETS ER40 D12.5 X SQ 10.0	12.5	10.0	D2500
F1ERTX-40513	TAP COLLETS ER40 D 14.0 X SQ 11.0	14.0	11.0	D2500
F1ERTX-40514	TAP COLLETS ER40 D 16.0 X SQ 12.0	16.0	12.0	D2500
F1ERTX-40515	TAP COLLETS ER40 D6.3 X SQ 4.9	6.30	4.90	D2500
F1ERTX-40519	TAP COLLETS ER40 D18.0 X SQ 14.5	18.0	14.50	D2500
F1ERTX-40521	TAP COLLETS ER40 D17.5 X SQ 13.0	17.50	13.0	D2500
F1ERTX-40522	TAP COLLETS ER40 D20 X SQ 16.0	20.0	16.0	D2500
F1ERTX-40524	TAP COLLETS ER40 D25 X SQ 20	25.0	20.0	D2500

Tap Collets ER50

Part No.	Product name	DIA	SQ	Group
F1ERTX-50507	TAP COLLETS ER50 D 8.0 X SQ 6.2	8.0	6.2	D2500
F1ERTX-50508	TAP COLLETS ER50 D 9.0 X SQ 7.0	9.0	7.0	D2500
F1ERTX-50509	TAP COLLETS ER50 D 10.0 X SQ 8.0	10.0	8.0	D2500
F1ERTX-50510	TAP COLLETS ER50 D 11.0 X SQ 9.0	11.0	9.0	D2500
F1ERTX-50511	TAP COLLETS ER50 D 12.0 X SQ 9.0	12.0	9.0	D2500
F1ERTX-50513	TAP COLLETS ER50 D 14.0 X SQ 11.0	14.0	11.0	D2500
F1ERTX-50514	TAP COLLETS ER50 D 16.0 X SQ 12.0	16.0	12.0	D2500
F1ERTX-50519	TAP COLLETS ER50 D18.0 X SQ 14.5	18.0	14.5	D2500
F1ERTX-50522	TAP COLLETS ER50 D 20.0 X SQ 16.0	20.0	16.0	D2500
F1ERTX-50523	TAP COLLETS ER50 D 22.0 X SQ 18.0	22.0	18.0	D2500
F1ERTX-50524	TAP COLLETS ER50 D 25.0 X SQ 20.0	25.0	20.0	D2500
F1ERTX-50525	TAP COLLETS ER50 D 28.0 X SQ 22.0	28.0	22.0	D2500
F1ERTX-50526	TAP COLLETS ER50 D 32.0 X SQ 24.0	32.0	24.0	D2500

ERH - High Precision Collets (DIN6499 Form B)

Collets – ER8

Part No.	Product name	(D) RANGE	Group
F1ERHM-08010	HP COLLETS - METRIC ER08 010	1.0 - 0.5	D2500
F1ERHM-08015	HP COLLETS - METRIC ER08 015	1.5 - 1.0	D2500
F1ERHM-08020	HP COLLETS - METRIC ER08 020	2.0 - 1.5	D2500
F1ERHM-08025	HP COLLETS - METRIC ER08 025	2.5 - 2.0	D2500
F1ERHM-08030	HP COLLETS - METRIC ER08 030	3.0 - 2.5	D2500
F1ERHM-08035	HP COLLETS - METRIC ER08 035	3.5 - 3.0	D2500
F1ERHM-08040	HP COLLETS - METRIC ER08 040	4.0 - 3.5	D2500
F1ERHM-08045	HP COLLETS - METRIC ER08 045	4.5 - 4.0	D2500
F1ERHM-08050	HP COLLETS - METRIC ER08 050	5.0 - 4.5	D2500
F1ERHM-08SET	HP COLLETS - METRIC ER08 SET	9PCS	D2500

Collets – ER11

Part No.	Product name	(D) RANGE	Group
F1ERHM-11010	HP COLLETS - METRIC ER11 010	1.0 - 0.5	D2500
F1ERHM-11015	HP COLLETS - METRIC ER11 015	1.5 - 1.0	D2500
F1ERHM-11020	HP COLLETS - METRIC ER11 020	2.0 - 1.5	D2500
F1ERHM-11025	HP COLLETS - METRIC ER11 025	2.5 - 2.0	D2500
F1ERHM-11030	HP COLLETS - METRIC ER11 030	3.0 - 2.5	D2500
F1ERHM-11040	HP COLLETS - METRIC ER11 040	4.0 - 3.5	D2500
F1ERHM-11045	HP COLLETS - METRIC ER11 045	4.5 - 4.0	D2500
F1ERHM-11050	HP COLLETS - METRIC ER11 050	5.0 - 4.5	D2500
F1ERHM-11055	HP COLLETS - METRIC ER11 055	5.5 - 5.0	D2500
F1ERHM-11060	HP COLLETS - METRIC ER11 060	6.0 - 5.5	D2500
F1ERHM-11065	HP COLLETS - METRIC ER11 065	6.5 - 6.0	D2500
F1ERHM-11070	HP COLLETS - METRIC ER11 070	7.0 - 6.5	D2500
F1ERHM-11035	HP COLLETS - METRIC ER11 035	3.5 - 3.0	D2500
F1ERHM-11SET	HP COLLETS - METRIC ER11 SET	13 PCS	D2500

Collets - ER16

Part No.	(D) RANGE	Product name	Group
F1ERHM-16010	HP COLLETS - METRIC ER16 010	1.0 - 0.5	D2500
F1ERHM-16020	HP COLLETS - METRIC ER16 020	2.0 - 1.0	D2500
F1ERHM-16030	HP COLLETS - METRIC ER16 030	3.0 - 2.0	D2500
F1ERHM-16040	HP COLLETS - METRIC ER16 040	4.0 - 3.0	D2500
F1ERHM-16050	HP COLLETS - METRIC ER16 050	5.0 - 4.0	D2500
F1ERHM-16060	HP COLLETS - METRIC ER16 060	6.0 - 5.0	D2500
F1ERHM-16070	HP COLLETS - METRIC ER16 070	7.0 - 6.0	D2500
F1ERHM-16080	HP COLLETS - METRIC ER16 080	8.0 - 7.0	D2500
F1ERHM-16090	HP COLLETS - METRIC ER16 090	9.0 - 8.0	D2500
F1ERHM-16100	HP COLLETS - METRIC ER16 100	10.0 - 9.0	D2500
F1ERHM-16SET	HP COLLETS - METRIC ER16 SET	10 PCS	D2500

Collets – ER20

Part No.	Product name	(D) RANGE	Group
F1ERHM-20020	HP COLLETS - METRIC ER20 020	2.0 - 1.0	D2500
F1ERHM-20030	HP COLLETS - METRIC ER20 030	3.0 - 2.0	D2500
F1ERHM-20040	HP COLLETS - METRIC ER20 040	4.0 - 3.0	D2500
F1ERHM-20050	HP COLLETS - METRIC ER20 050	5.0 - 4.0	D2500
F1ERHM-20060	HP COLLETS - METRIC ER20 060	6.0 - 5.0	D2500
F1ERHM-20070	HP COLLETS - METRIC ER20 070	7.0 - 6.0	D2500
F1ERHM-20080	HP COLLETS - METRIC ER20 080	8.0 - 7.0	D2500
F1ERHM-20090	HP COLLETS - METRIC ER20 090	9.0 - 8.0	D2500
F1ERHM-20100	HP COLLETS - METRIC ER20 100	10.0 - 9.0	D2500
F1ERHM-20110	HP COLLETS - METRIC ER20 110	11.0 - 10.0	D2500
F1ERHM-20120	HP COLLETS - METRIC ER20 120	12.0 - 11.0	D2500
F1ERHM-20130	HP COLLETS - METRIC ER20 130	13.0 - 12.0	D2500
F1ERHM-20SET	HP COLLETS - METRIC ER20 SET	12 Pcs	D2500

Collets – ER25

Part No.	Product name	(D) RANGE	Group
F1ERHM-25020	HP COLLETS - METRIC ER25 020	2.0 - 1.0	D2500
F1ERHM-25030	HP COLLETS - METRIC ER25 030	3.0 - 2.0	D2500
F1ERHM-25040	HP COLLETS - METRIC ER25 040	4.0 - 3.0	D2500
F1ERHM-25050	HP COLLETS - METRIC ER25 050	5.0 - 4.0	D2500
F1ERHM-25060	HP COLLETS - METRIC ER25 060	6.0 - 5.0	D2500
F1ERHM-25070	HP COLLETS - METRIC ER25 070	7.0 - 6.0	D2500
F1ERHM-25080	HP COLLETS - METRIC ER25 080	8.0 - 7.0	D2500
F1ERHM-25090	HP COLLETS - METRIC ER25 090	9.0 - 8.0	D2500
F1ERHM-25100	HP COLLETS - METRIC ER25 100	10.0 - 9.0	D2500
F1ERHM-25110	HP COLLETS - METRIC ER25 110	11.0 - 10.0	D2500
F1ERHM-25120	HP COLLETS - METRIC ER25 120	12.0 - 11.0	D2500
F1ERHM-25130	HP COLLETS - METRIC ER25 130	13.0 - 12.0	D2500
F1ERHM-25140	HP COLLETS - METRIC ER25 140	14.0 - 13.0	D2500
F1ERHM-25150	HP COLLETS - METRIC ER25 150	15.0 - 14.0	D2500
F1ERHM-25160	HP COLLETS - METRIC ER25 160	16.0 - 15.0	D2500
F1ERHM-25SET	HP COLLETS - METRIC ER25 SET	15 Pcs	D2500

Collets – ER32

Part No.	Product name	(D) RANGE	Group
F1ERHM-32030	HP COLLETS - METRIC ER32 030	3.0 - 2.0	D2500
F1ERHM-32040	HP COLLETS - METRIC ER32 040	4.0 - 3.0	D2500
F1ERHM-32050	HP COLLETS - METRIC ER32 050	5.0 - 4.0	D2500
F1ERHM-32060	HP COLLETS - METRIC ER32 060	6.0 - 5.0	D2500
F1ERHM-32070	HP COLLETS - METRIC ER32 070	7.0 - 6.0	D2500
F1ERHM-32080	HP COLLETS - METRIC ER32 080	8.0 - 7.0	D2500
F1ERHM-32090	HP COLLETS - METRIC ER32 090	9.0 - 8.0	D2500
F1ERHM-32100	HP COLLETS - METRIC ER32 100	10.0 - 9.0	D2500
F1ERHM-32110	HP COLLETS - METRIC ER32 110	11.0 - 10.0	D2500
F1ERHM-32120	HP COLLETS - METRIC ER32 120	12.0 - 11.0	D2500
F1ERHM-32130	HP COLLETS - METRIC ER32 130	13.0 - 12.0	D2500
F1ERHM-32140	HP COLLETS - METRIC ER32 140	14.0 - 13.0	D2500
F1ERHM-32150	HP COLLETS - METRIC ER32 150	15.0 - 14.0	D2500
F1ERHM-32160	HP COLLETS - METRIC ER32 160	16.0 - 15.0	D2500
F1ERHM-32170	HP COLLETS - METRIC ER32 170	17.0 - 16.0	D2500
F1ERHM-32180	HP COLLETS - METRIC ER32 180	18.0 - 17.0	D2500
F1ERHM-32190	HP COLLETS - METRIC ER32 190	19.0 - 18.0	D2500
F1ERHM-32200	HP COLLETS - METRIC ER32 200	20.0 - 19.0	D2500
F1ERHM-32SET	HP COLLETS - METRIC ER32 SET	18 Pcs	D2500

Collets – ER40

Part No.	Product name	(D) RANGE	Group
F1ERHM-40040	HP COLLETS - METRIC ER40 040	4.0 - 3.0	D2500
F1ERHM-40050	HP COLLETS - METRIC ER40 050	5.0 - 4.0	D2500
F1ERHM-40060	HP COLLETS - METRIC ER40 060	6.0 - 5.0	D2500
F1ERHM-40070	HP COLLETS - METRIC ER40 070	7.0 - 6.0	D2500
F1ERHM-40080	HP COLLETS - METRIC ER40 080	8.0 - 7.0	D2500
F1ERHM-40090	HP COLLETS - METRIC ER40 090	9.0 - 8.0	D2500
F1ERHM-40100	HP COLLETS - METRIC ER40 100	10.0 - 9.0	D2500
F1ERHM-40110	HP COLLETS - METRIC ER40 110	11.0 - 10.0	D2500
F1ERHM-40120	HP COLLETS - METRIC ER40 120	12.0 - 11.0	D2500
F1ERHM-40130	HP COLLETS - METRIC ER40 130	13.0 - 12.0	D2500
F1ERHM-40140	HP COLLETS - METRIC ER40 140	14.0 - 13.0	D2500
F1ERHM-40150	HP COLLETS - METRIC ER40 150	15.0 - 14.0	D2500
F1ERHM-40160	HP COLLETS - METRIC ER40 160	16.0 - 15.0	D2500
F1ERHM-40170	HP COLLETS - METRIC ER40 170	17.0 - 16.0	D2500
F1ERHM-40180	HP COLLETS - METRIC ER40 180	18.0 - 17.0	D2500
F1ERHM-40190	HP COLLETS - METRIC ER40 190	19.0 - 18.0	D2500
F1ERHM-40200	HP COLLETS - METRIC ER40 200	20.0 - 19.0	D2500
F1ERHM-40210	HP COLLETS - METRIC ER40 210	21.0 - 20.0	D2500
F1ERHM-40220	HP COLLETS - METRIC ER40 220	22.0 - 21.0	D2500
F1ERHM-40230	HP COLLETS - METRIC ER40 230	23.0 - 22.0	D2500
F1ERHM-40240	HP COLLETS - METRIC ER40 240	24.0 - 23.0	D2500
F1ERHM-40250	HP COLLETS - METRIC ER40 250	25.0 - 24	D2500
F1ERHM-40260	HP COLLETS - METRIC ER40 260	26.0 - 25.0	D2500
F1ERHM-40SET	HP COLLETS - METRIC ER40 SET	23 Pcs	D2500

ERN - Sealed Collets (DIN6499 Form A)

Collets – ER16

Part No.	Product name	(D) RANGE	Group
F1ERNM-16010	NC COLLETS - METRIC ER16 010	1	D2500
F1ERNM-16020	NC COLLETS - METRIC ER16 020	2	D2500
F1ERNM-16030	NC COLLETS - METRIC ER16 030	3	D2500
F1ERNM-16040	NC COLLETS - METRIC ER16 040	4	D2500
F1ERNM-16050	NC COLLETS - METRIC ER16 050	5	D2500
F1ERNM-16060	NC COLLETS - METRIC ER16 060	6	D2500
F1ERNM-16070	NC COLLETS - METRIC ER16 070	7	D2500
F1ERNM-16080	NC COLLETS - METRIC ER16 080	8	D2500
F1ERNM-16090	NC COLLETS - METRIC ER16 090	9	D2500
F1ERNM-16100	NC COLLETS - METRIC ER16 100	10	D2500

Collets – ER20

Part No.	Product name	(D) RANGE	Group
F1ERNM-20020	NC COLLETS - METRIC ER20 020	2	D2500
F1ERNM-20030	NC COLLETS - METRIC ER20 030	3	D2500
F1ERNM-20040	NC COLLETS - METRIC ER20 040	4	D2500
F1ERNM-20050	NC COLLETS - METRIC ER20 050	5	D2500
F1ERNM-20060	NC COLLETS - METRIC ER20 060	6	D2500
F1ERNM-20070	NC COLLETS - METRIC ER20 070	7	D2500
F1ERNM-20080	NC COLLETS - METRIC ER20 080	8	D2500
F1ERNM-20090	NC COLLETS - METRIC ER20 090	9	D2500
F1ERNM-20100	NC COLLETS - METRIC ER20 100	10	D2500
F1ERNM-20110	NC COLLETS - METRIC ER20 110	11	D2500
F1ERNM-20120	NC COLLETS - METRIC ER20 120	12	D2500
F1ERNM-20130	NC COLLETS - METRIC ER20 130	13	D2500

Collets – ER25

Part No.	Product name	(D) RANGE	Group
F1ERNM-25020	NC COLLETS - METRIC ER25 020	2	D2500
F1ERNM-25030	NC COLLETS - METRIC ER25 030	3	D2500
F1ERNM-25040	NC COLLETS - METRIC ER25 040	4	D2500
F1ERNM-25050	NC COLLETS - METRIC ER25 050	5	D2500
F1ERNM-25060	NC COLLETS - METRIC ER25 060	6	D2500
F1ERNM-25070	NC COLLETS - METRIC ER25 070	7	D2500
F1ERNM-25080	NC COLLETS - METRIC ER25 080	8	D2500
F1ERNM-25090	NC COLLETS - METRIC ER25 090	9	D2500
F1ERNM-25100	NC COLLETS - METRIC ER25 100	10	D2500
F1ERNM-25110	NC COLLETS - METRIC ER25 110	11	D2500
F1ERNM-25120	NC COLLETS - METRIC ER25 120	12	D2500
F1ERNM-25130	NC COLLETS - METRIC ER25 130	13	D2500
F1ERNM-25140	NC COLLETS - METRIC ER25 140	14	D2500
F1ERNM-25150	NC COLLETS - METRIC ER25 150	15	D2500
F1ERNM-25160	NC COLLETS - METRIC ER25 160	16	D2500

Collets – ER32

Part No.	Product name	(D) RANGE	Group
F1ERNM-32030	ER NC COLLETS - METRIC 32 030	3	D2500
F1ERNM-32040	ER NC COLLETS - METRIC 32 040	4	D2500
F1ERNM-32050	ER NC COLLETS - METRIC 32 050	5	D2500
F1ERNM-32060	ER NC COLLETS - METRIC 32 060	6	D2500
F1ERNM-32070	ER NC COLLETS - METRIC 32 070	7	D2500
F1ERNM-32080	ER NC COLLETS - METRIC 32 080	8	D2500
F1ERNM-32090	ER NC COLLETS - METRIC 32 090	9	D2500
F1ERNM-32100	ER NC COLLETS - METRIC 32 100	10	D2500
F1ERNM-32110	ER NC COLLETS - METRIC 32 110	11	D2500
F1ERNM-32120	ER NC COLLETS - METRIC 32 120	12	D2500
F1ERNM-32130	ER NC COLLETS - METRIC 32 130	13	D2500
F1ERNM-32140	ER NC COLLETS - METRIC 32 140	14	D2500
F1ERNM-32150	ER NC COLLETS - METRIC 32 150	15	D2500
F1ERNM-32160	ER NC COLLETS - METRIC 32 160	16	D2500
F1ERNM-32170	ER NC COLLETS - METRIC 32 170	17	D2500
F1ERNM-32180	ER NC COLLETS - METRIC 32 180	18	D2500
F1ERNM-32190	ER NC COLLETS - METRIC 32 190	19	D2500
F1ERNM-32200	ER NC COLLETS - METRIC 32 200	20	D2500

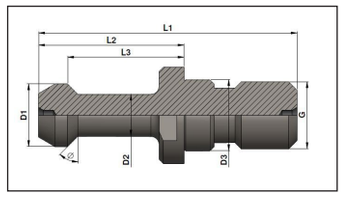
Collets – ER40

Part No.	Product name	(D) RANGE	Group
F1ERNM-40040	NC COLLETS - METRIC ER40 040	4	D2500
F1ERNM-40050	NC COLLETS - METRIC ER40 050	5	D2500
F1ERNM-40060	NC COLLETS - METRIC ER40 060	6	D2500
F1ERNM-40070	NC COLLETS - METRIC ER40 070	7	D2500
F1ERNM-40080	NC COLLETS - METRIC ER40 080	8	D2500
F1ERNM-40090	NC COLLETS - METRIC ER40 090	9	D2500
F1ERNM-40100	NC COLLETS - METRIC ER40 100	10	D2500
F1ERNM-40110	NC COLLETS - METRIC ER40 110	11	D2500
F1ERNM-40120	NC COLLETS - METRIC ER40 120	12	D2500
F1ERNM-40130	NC COLLETS - METRIC ER40 130	13	D2500
F1ERNM-40140	NC COLLETS - METRIC ER40 140	14	D2500
F1ERNM-40150	NC COLLETS - METRIC ER40 150	15	D2500
F1ERNM-40160	NC COLLETS - METRIC ER40 160	16	D2500
F1ERNM-40170	NC COLLETS - METRIC ER40 170	17	D2500
F1ERNM-40180	NC COLLETS - METRIC ER40 180	18	D2500
F1ERNM-40190	NC COLLETS - METRIC ER40 190	19	D2500
F1ERNM-40200	NC COLLETS - METRIC ER40 200	20	D2500
F1ERNM-40210	NC COLLETS - METRIC ER40 210	21	D2500
F1ERNM-40220	NC COLLETS - METRIC ER40 220	22	D2500
F1ERNM-40230	NC COLLETS - METRIC ER40 230	23	D2500
F1ERNM-40240	NC COLLETS - METRIC ER40 240	24	D2500
F1ERNM-40250	NC COLLETS - METRIC ER40 250	25	D2500
F1ERNM-40260	NC COLLETS - METRIC ER40 260	26	D2500

Collets – ER50

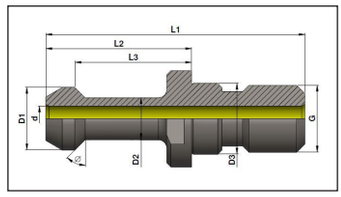
Part No.	Product name	(D) RANGE	Group
F1ERNM-50120	NC COLLETS - METRIC ER50 120	12	D2500
F1ERNM-50140	NC COLLETS - METRIC ER50 140	14	D2500
F1ERNM-50160	NC COLLETS - METRIC ER50 160	16	D2500
F1ERNM-50180	NC COLLETS - METRIC ER50 180	18	D2500
F1ERNM-50200	NC COLLETS - METRIC ER50 200	20	D2500
F1ERNM-50220	NC COLLETS - METRIC ER50 220	22	D2500
F1ERNM-50240	NC COLLETS - METRIC ER50 240	24	D2500
F1ERNM-50260	NC COLLETS - METRIC ER50 260	26	D2500
F1ERNM-50280	NC COLLETS - METRIC ER50 280	28	D2500
F1ERNM-50300	NC COLLETS - METRIC ER50 300	30	D2500
F1ERNM-50320	NC COLLETS - METRIC ER50 320	32	D2500
F1ERNM-50340	NC COLLETS - METRIC ER50 340	34	D2500

MAS 403 BT (DIN ISO 7388-3)



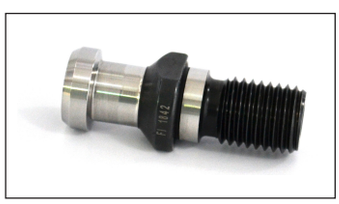
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	Kgs	Group
F1PBM1-30301	BT PULL STUDS 30 30°	30	11	7	43	M12	23	30	12.5	18	0.03	A8800
F1PBM1-30451	BT PULL STUDS 30 45°	30	11	7	43	M12	23	45	12.5	18	0.03	A8800
F1PBM1-40301	BT PULL STUDS 40 30°	40	15	10	60	M16	35	30	17	28	0.07	A8800
F1PBM1-40451	BT PULL STUDS 40 45°	40	15	10	60	M16	35	45	17	28	0.07	A8800
F1PBM1-40901	BT PULL STUDS 40 0°	40	15	10	60	M16	35	0	17	28	0.07	A8800
F1PBM1-40002	BT PULL STUDS 40 0° S	40	15	10	50	M16	25	0	17	18	0.06	A8800
F1PBM1-50301	BT PULL STUDS 50 30°	50	23	17	85	M24	45	30	25	35	0.24	A8800
F1PBM1-50451	BT PULL STUDS 50 45°	50	23	17	85	M24	45	45	25	35	0.24	A8800
F1PBM1-50901	BT PULL STUDS 50 0°	50	23	17	85	M24	45	0	25	35	0.24	A8800
F1PBM1-50907	BT PULL STUDS 50 0° S	50	24	18	71	M24	31	0	25	21	0.22	A8800

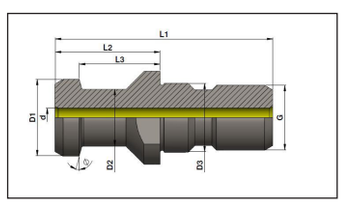
MAS 403 BT with TC hole (DIN ISO 7388-3)



Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	d.	L3	Kgs	Group
F1PBM2-30301	BT PULL STUDS THRU CLNT 30 30°	30	11	7	43	M12	23	30	12.5	2	18	0.03	A8800
F1PBM2-30451	BT PULL STUDS THRU CLNT 30 45°	30	11	7	43	M12	23	45	12.5	2	18	0.03	A8800
F1PBM2-40301	BT PULL STUDS THRU CLNT 40 30°	40	15	10	60	M16	35	30	17	5	28	0.07	A8800
F1PBM2-40451	BT PULL STUDS THRU CLNT 40 45°	40	15	10	60	M16	35	45	17	4	28	0.07	A8800
F1PBM2-40901	BT PULL STUDS THRU CLNT 40 0°	40	15	10	60	M16	35	0	17	5	28	0.07	A8800
F1PBM2-50301	BT PULL STUDS THRU CLNT 50 30°	50	23	17	85	M24	45	30	25	8.5	35	0.24	A8800
F1PBM2-50451	BT PULL STUDS THRU CLNT 50 45°	50	23	17	85	M24	45	45	25	8.5	35	0.24	A8800
F1PBM2-50901	BT PULL STUDS THRU CLNT 50 0°	50	23	17	85	M24	45	0	25	8.5	35	0.24	A8800

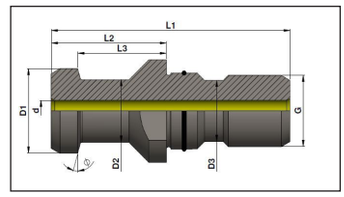
DIN 69872 A -WITH TC





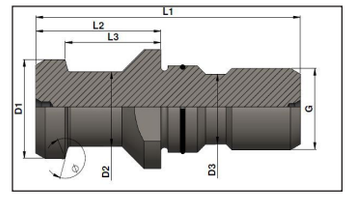
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	d.	Kgs	Group
F1PSM2-40151	DIN PULL STUDS THRU CLNT 40 15°	40	19	14	54	M16	26	15	17	20	7	0.07	A8800
F1PSM2-50151	DIN PULL STUDS THRU CLNT 50 15°	50	28	21	74	M24	34	15	25	25	11.5	0.21	A8800

DIN 69872 A -WITH TC O RING



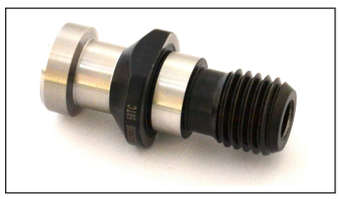
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	d.	Kgs	Group
F1PSM7-40151	DIN PULL STUDS THRU CLNT WITH O Ring 40 15°	40	19	14	54	M16	26	15	17	20	7	0.07	A8800
F1PSM7-50151	DIN PULL STUDS THRU CLNT WITH O Ring 50 15°	50	28	21	74	M24	34	15	25	25	11.5	0.21	A8800

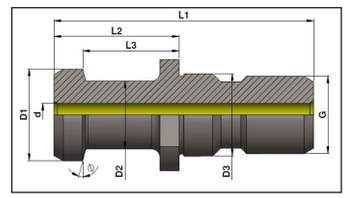
DIN 69872 B -WITH O RING WITHOUT TC



Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	Kgs	Group
F1PSM6-30151	DIN PULL STUDS WITH O Ring 30 15°	30	13	9	44	M12	24	15	13	19	0.04	A8800
F1PSM6-40151	DIN PULL STUDS WITH O Ring 40 15°	40	19	14	54	M16	26	15	17	20	0.07	A8800
F1PSM6-50151	DIN PULL STUDS WITH O Ring 50 15°	50	28	21	74	M24	34	15	25	25	0.21	A8800

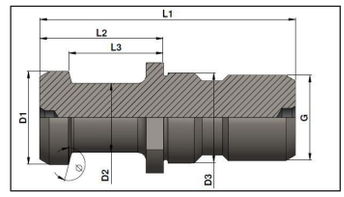
JIS 6339 SIMILAR TO DIN 69872-A TC





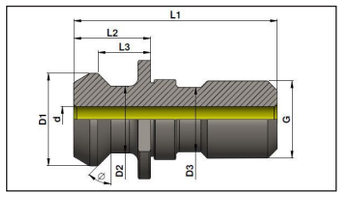
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	d.	L3	Kgs	Group
F1PJM2-40151	JIS PULL STUDS THRU CLNT 40 15°	40	19	14	54	M16	29	15	17	7	23	0.07	A8800
F1PJM2-50151	JIS PULL STUDS THRU CLNT 50 15°	50	28	21	74	M24	34	15	25	11.5	25	0.19	A8800

JIS 6339 SIMILAR TO DIN 69872-A



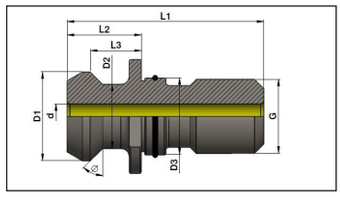
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	Kgs	Group
F1PJM1-40151	JIS PULL STUDS 40 15°	40	19	14	54	M16	29	15	17	23	0.07	A8800
F1PJM1-50151	JIS PULL STUDS 50 15°	50	28	21	74	M24	34	15	25	25	0.19	A8800

ISO 7388 -WITH TC HOLE



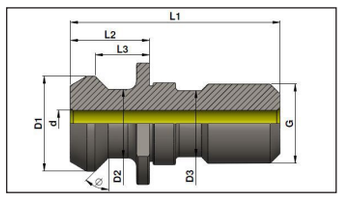
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	d.	Kgs	Group
F1P7M2-40451	ISO 7388 PULL STUD THRU CLNT 40 45°	40	18.95	12.95	44.5	M16	16.4	45	17	11.15	7.35	0.06	A8800
F1P7M2-50451	ISO 7388 PULL STUD THRU CLNT 50 45°	50	29.1	19.6	65.5	M24	25.55	45	25	17.95	11.55	0.19	A8800

ISO 7388 WITH TC O RING



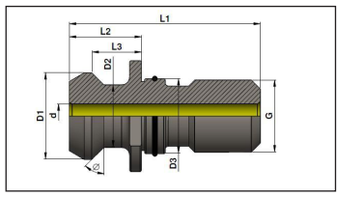
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	d.	Kgs	Group
F1P7M7-40451	ISO 7388 PULL STUD THRU CLNT O RING 40 45°	40	18.95	12.95	44.5	M16	16.4	45	17	11.15	7.35	0.06	A8800
F1P7M7-50451	ISO 7388 PULL STUD THRU CLNT O RING 50 45°	50	29.1	19.6	65.5	M24	25.55	45	25	17.95	11.55	0.19	A8800

MAZAK WITH TC



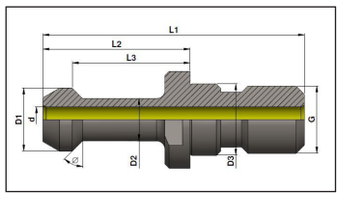
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	d.	Kgs	Group
F1PMM2-40451	MAZAK PULL STUD THRU CLNT 40 45°	40	18.79	12.44	44.1	M16	19.1	45	17	14.026	7	0.05	A8800
F1PMM2-50451	MAZAK PULL STUD THRU CLNT 50 45°	50	28.95	20.82	65.2	M24	25.2	45	25	17.58	10	0.2	A8800

MAZAK WITH TC HOLE AND O RING



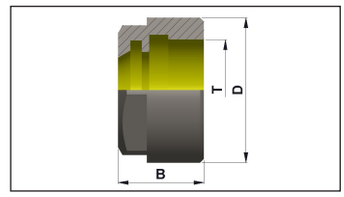
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	L3	d.	Kgs	Group
F1PMM7-40451	MAZAK PULL STUD THRU CLNT WITH O RING 40 45°	40	18.79	12.44	44.1	M16	19.1	45	17	14.026	7	0.05	A8800
F1PMM7-50451	MAZAK PULL STUD THRU CLNT WITH O RING 50 45°	50	28.95	20.82	65.2	M24	25.2	45	25	17.58	10	0.2	A8800

MAS 403 BT with TC hole (Brother M\C)



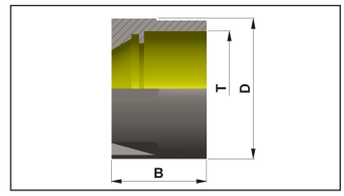
Part No.	Product name	Taper	D1	D2	L1	G	L2	Angle	D3	d.	L3	Kgs	Group
F1PBM1-30302	BT PULL STUDS 30 30° SPL48(Brother M/c)	30	11	7.5	43	M12	23	30	12.5	2	18	0.03	A8800

Hexagonal Nut



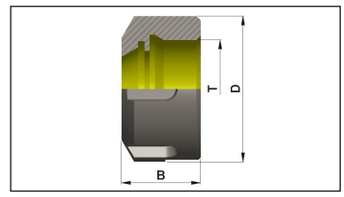
Part No.	Product name	D	B	T	Spanner	Kgs	Group
F15500-11ERH	NUT 11 ERH	19	11.3	M14X0.75	F155SP-11ERH	0.01	B4400
F15500-16ERH	NUT 16 ERH	28	17.5	M22X1.50	F155SP-16ERH	0.03	B4400

Mini Nut



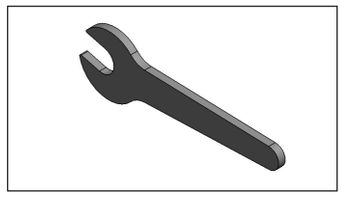
Part No.	Product name	D	B	T	Spanner	Kgs	Group
F15500-11ERM	NUT 11 ERM	16	11.3	M13X0.75	F155SP-11ERM	0.01	B4400
F15500-16ERM	NUT 16 ERM	22	17.5	M19X1.00	F155SP-16ERM	0.02	B4400
F15500-20ERM	NUT 20 ERM	28	19.0	M24X1.00	F155SP-25ERM	0.03	B4400
F15500-25ERM	NUT 25 ERM	35	20.0	M30X1.00	F155SP-25ERM	0.05	B4400

Slotted Nut



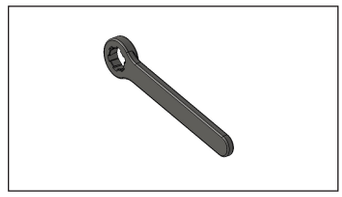
Part No.	Product name	D	B	T	Spanner	Kgs	Group
F15500-20ERS	NUT 20 ERS	35	19.0	M25X1.50	F155SP-20ERS	0.07	B4400
F15500-25ERS	NUT 25 ERS	42	20.0	M32X1.50	F155SP-25ERS	0.09	B4400
F15500-32ERS	NUT 32 ERS	50	22.5	M40X1.50	F155SP-32ERS	0.14	B4400
F15500-40ERS	NUT 40 ERS	63	25.5	M50X1.50	F155SP-40ERS	0.26	B4400
F15500-50ERS	NUT 50 ERS	78	35.0	M64X2.00	F155SP-50ERS	0.49	B4400

Spanner For Hexagonal Nut



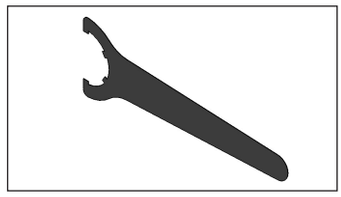
Part No.	Product name	Size	Kgs	Group
F155SP-11ERH	SPANNER ER 11 HEX	ER11	0.12	B4400
F155SP-16ERH	SPANNER ER 16 HEX	ER11	0.17	B4400

Spanner For Mini Nut



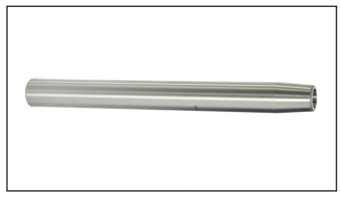
Part No.	Product name	Size	Kgs	Group
F155SP-20ERM	SPANNER ER20 MINI	ER20	0.18	B4400
F155SP-11ERM	SPANNER ER11 MINI	ER11	0.11	B4400
F155SP-16ERM	SPANNER ER16 MINI	ER16	0.13	B4400
F155SP-25ERM	SPANNER ER25 MINI	ER25	0.20	B4400

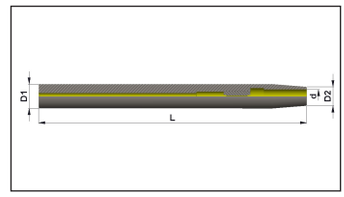
Spanner For Slotted Nut



Part No.	Product name	Size	Kgs	Group
F155SP-20ERS	SPANNER ER20	ER20	0.17	B4400
F155SP-25ERS	SPANNER ER25	ER25	0.23	B4400
F155SP-32ERS	SPANNER ER32	ER32	0.27	B4400
F155SP-40ERS	SPANNER ER40	ER40	0.31	B4400
F155SP-50ERS	SPANNER ER50	ER50	0.33	B4400

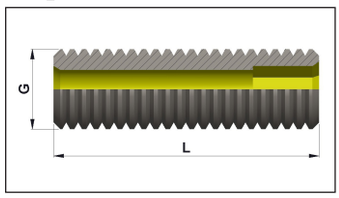
Shrink Fit Extensions





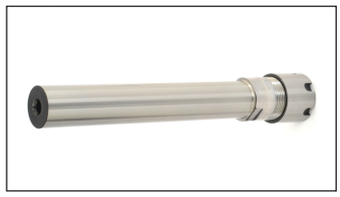
Part No.	Product name	D1	L	D2	G	d.	Size	Kgs	Group
F1CY16X-SFC06150	CYS16 SHRINKFIT 06 150	16	150	10	M5	6	6	0.18	B5000
F1CY16X-SFC08150	CYS16 SHRINKFIT 08 150	16	150	14	M6	8	8	0.16	B5000
F1CY16X-SFC10150	CYS16 SHRINKFIT 10 150	16	150	14	M8X1P	10	10	0.14	B5000
F1CY20X-SFC06200	CYS20 SHRINKFIT 06 200	20	200	14	M5	6	6	0.41	B5000
F1CY20X-SFC08200	CYS20 SHRINKFIT 08 200	20	200	14	M6	8	8	0.38	B5000
F1CY20X-SFC10200	CYS20 SHRINKFIT 10 200	20	200	15	M8X1P	10	10	0.37	B5000
F1CY20X-SFC12200	CYS20 SHRINKFIT 12 200	20	200	16	M10X1P	12	12	0.35	B5000
F1CY25X-SFC06200	CYS25 SHRINKFIT 06 200	25	200	14	M5	6	6	0.5	B5000
F1CY25X-SFC08200	CYS25 SHRINKFIT 08 200	25	200	19	M6	8	8	0.64	B5000
F1CY25X-SFC10200	CYS25 SHRINKFIT 10 200	25	200	20	M8X1P	10	10	0.63	B5000
F1CY25X-SFC12200	CYS25 SHRINKFIT 12 200	25	200	20	M10X1P	12	12	0.62	B5000
F1CY25X-SFC14200	CYS25 SHRINKFIT 14 200	25	200	20	M10X1P	14	14	0.6	B5000
F1CY25X-SFC16200	CYS25 SHRINKFIT 16 200	25	200	22	M12X1P	16	16	0.59	B5000

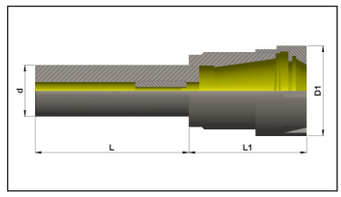
Spares



Part No.	L	G	Group
F1SCWM-20M06	20	M6	D4400
F1SCWM-20M08	20	M8	D4400
F1SCWM-20M10	20	M10	D4400
F1SCWM-20M12	20	M12	D4400

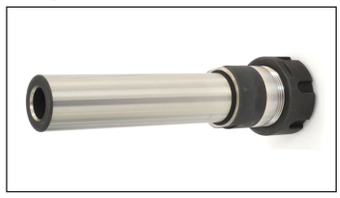
Cylindrical shank -ER Mini

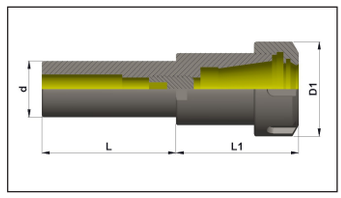




Part No.	Product name	D1	L	L1	G	d.	Size	Nut	Clamping range	Kgs	Group
F1CY12X-ERM11055	CYS12 ER MINI 11 055	16	55	30	-	12	ER11 M	F15500-11ERM	0.5 - 7.0	0.1	B1000
F1CY12X-ERM11100	CYS12 ER MINI 11 100	16	100	30	-	12	ER11 M	F15500-11ERM	0.5 - 7.0	0.90	B1000
F1CY16X-ERM11100	CYS16 ER MINI 11 100	16	100	22	M6	16	ER11 M	F15500-11ERM	0.5 - 7.0	0.15	B1000
F1CY16X-ERM16100	CYS16 ER MINI 16 100	22	100	40	M6	16	ER16 M	F15500-16ERM	0.5 – 10.0	0.2	B1000
F1CY16X-ERM16150	CYS16 ER MINI 16 150	22	150	40	M6	16	ER16 M	F15500-16ERM	0.5 – 10.0	0.26	B1000
F1CY16X-ERM16200	CYS16 ER MINI 16 200	22	200	40	M6	16	ER16 M	F15500-16ERM	0.5 – 10.0	0.34	B1000
F1CY20X-ERM20100	CYS20 ER MINI 20 100	28	100	42	M12	20	ER20 M	F15500-20ERM	1.0 – 13.0	0.4	B1000
F1CY20X-ERM20150	CYS20 ER MINI 20 150	28	150	42	M12	20	ER20 M	F15500-20ERM	1.0 – 13.0	0.44	B1000
F1CY20X-ERM20200	CYS20 ER MINI 20 200	28	200	42	M12	20	ER20 M	F15500-20ERM	1.0 – 13.0	0.53	B1000
F1CY25X-ERM25100	CYS25 ER MINI 25 100	35	100	32	M12	25	ER25 M	F15500-25ERM	1.0 – 16.0	0.5	B1000
F1CY25X-ERM25150	CYS25 ER MINI 25 150	35	150	32	M12	25	ER25 M	F15500-25ERM	1.0 – 16.0	0.65	B1000
F1CY25X-ERM25200	CYS25 ER MINI 25 200	35	200	32	M12	25	ER25 M	F15500-25ERM	1.0 – 16.0	0.81	B1000

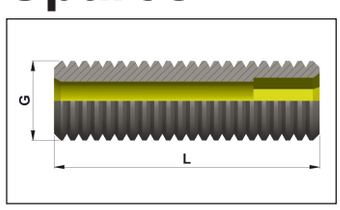
Cylindrical shank -ER





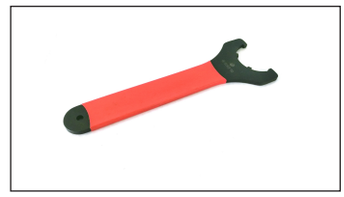
Part No.	Product name	D1	L	L1	G	d.	Size	Nut	Clamping range	Kgs	Group
F1CY12X-ERS11100	CYS12 ER 11 100	19	100	30	-	12	ER11	F15500-11ERH	0.5 – 7.0	0.1	B1000
F1CY12X-ERS11150	CYS12 ER 11 150	19	150	30	-	12	ER11	F15500-11ERH	0.5 – 7.0	0.16	B1000
F1CY16X-ERS11150	CYS16 ER 11 150	19	150	30	-	16	ER11	F15500-11ERH	0.5 – 7.0	0.2	B1000
F1CY16X-ERS16060	CYS16 ER 16 060	28	60	45	M8	16	ER16	F15500-16ERH	0.5 – 10.0	0.2	B1000
F1CY16X-ERS16100	CYS16 ER 16 100	28	100	45	M8	16	ER16	F15500-16ERH	0.5 – 10.0	0.2	B1000
F1CY16X-ERS16150	CYS16 ER 16 150	28	150	45	M8	16	ER16	F15500-16ERH	0.5 – 10.0	0.3	B1000
F1CY20X-ERS20060	CYS20 ER 20 060	35	60	52	M8	20	ER20	F15500-20ERS	1.0 – 13.0	0.3	B1000
F1CY20X-ERS20100	CYS20 ER 20 100	35	100	52	M8	20	ER20	F15500-20ERS	1.0 – 13.0	0.3	B1000
F1CY20X-ERS20150	CYS20 ER 20 150	35	150	52	M8	20	ER20	F15500-20ERS	1.0 – 13.0	0.4	B1000
F1CY25X-ERS25060	CYS25 ER 25 060	42	60	55	M12	25	ER25	F15500-25ERS	1.0 – 16.0	0.5	B1000
F1CY25X-ERS25100	CYS25 ER 25 100	42	100	55	M12	25	ER25	F15500-25ERS	1.0 – 16.0	0.6	B1000
F1CY25X-ERS25200	CYS25 ER 25 200	42	200	55	M12	25	ER25	F15500-25ERS	1.0 – 16.0	0.81	B1000

Spares



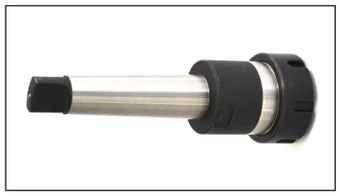
Part No.	L	G	Group
F1SCWM-20M06	20	M6	D4400
F1SCWM-20M08	20	M8	D4400
F1SCWM-20M10	20	M10	D4400
F1SCWM-20M12	20	M12	D4400

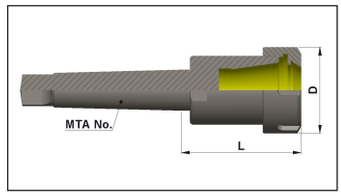
Accessories



MTA Type Collet Chucks (DIN 228-1 Form B)

Morse Taper Collect Chuck – TANG

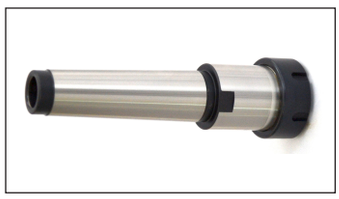


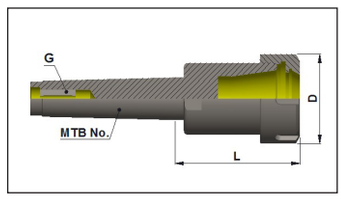


Part No.	Product name	D	L	Size	Nut	Clamping range	MT No.	Kgs	Group
F1MTA3X-ERS32070	MTA3 Tang type ER 32 070	50	70	ER32	F15500-32ERS	2.0 – 20.0	MT 3	0.8	B1000
F1MTA3X-ERS40075	MTA3 Tang type ER 40 075	63	75	ER40	F15500-40ERS	3.0 – 26.0	MT 3	1	B1000
F1MTA4X-ERS32075	MTA4 Tang type ER 32 075	50	75	ER32	F15500-32ERS	2.0 – 20.0	MT 4	1.1	B1000
F1MTA4X-ERS40075	MTA4 Tang type ER 40 075	63	75	ER40	F15500-40ERS	3.0 – 26.0	MT 4	1.3	B1000

MTB Type Collet Chucks (DIN 228-2 Form A)

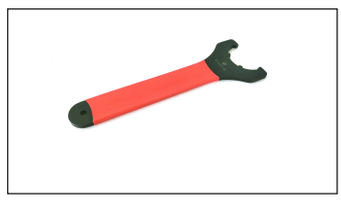
Morse Taper Collect Chuck – THREADED



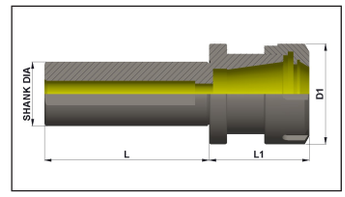


Part No.	Product name	D	L	G	Size	Nut	Clamping range	MT No.	Kgs	Group
F1MTB3X-ERS32070	MTB3 Threaded Type ER 32 070	50	70	M12	ER32	F15500-32ERS	2.0 – 20.0	MT 3	0.7	B1000
F1MTB3X-ERS40075	MTB3 Threaded Type ER 40 075	63	75	M12	ER40	F15500-40ERS	3.0 – 26.0	MT 3	0.9	B1000
F1MTB4X-ERS32075	MTB4 Threaded Type ER 32 075	50	75	M16	ER32	F15500-32ERS	2.0 – 20.0	MT 4	1	B1000
F1MTB4X-ERS40075	MTB4 Threaded Type ER 40 075	63	75	M16	ER40	F15500-40ERS	3.0 – 26.0	MT 4	1.3	B1000

Accessories

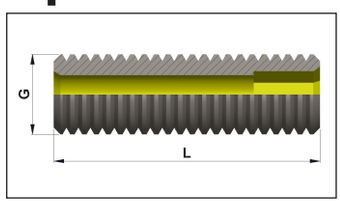


CL - Collet Chucks - ER



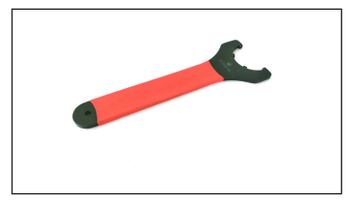
Part No.	Product name	D1	L	L1	G	Size	Nut	Clamping range	Kgs	Group
F1CL32X-ERS25050	CL32 ER 25 050	42	82	50	M14X1.5	ER25	F15500-25ERS	1.0 – 16.0	0.7	B1000
F1CL32X-ERS32055	CL32 ER 32 055	50	82	55	M14X1.5	ER32	F15500-32ERS	2.0 – 20.0	0.8	B1000
F1CL32X-ERS40070	CL32 ER 40 070	63	82	70	M14X1.5	ER40	F15500-40ERS	3.0 – 26	1.2	B1000
F1CL40X-ERS25050	CL40 ER 25 050	42	85	50	M16X1.5	ER25	F15500-25ERS	1.0 – 16.0	1	B1000
F1CL40X-ERS32055	CL40 ER 32 055	50	85	55	M16X1.5	ER32	F15500-32ERS	2.0 – 20.0	1.1	B1000
F1CL40X-ERS40065	CL40 ER 40 065	63	85	65	M16X1.5	ER40	F15500-40ERS	3.0 – 26.0	1.3	B1000
F1CL50X-ERS25050	CL50 ER 25 050	42	90	50	M18X1.5	ER25	F15500-25ERS	1.0 – 16.0	1.6	B1000
F1CL50X-ERS32055	CL50 ER 32 055	50	90	55	M22X1.5	ER32	F15500-32ERS	2.0 – 20.0	1.7	B1000
F1CL50X-ERS40060	CL50 ER 40 060	63	90	60	M22X1.5	ER40	F15500-40ERS	3.0 – 26.0	1.9	B1000

Spares

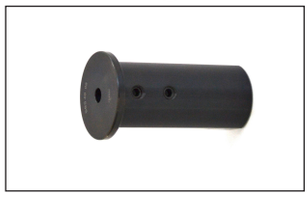


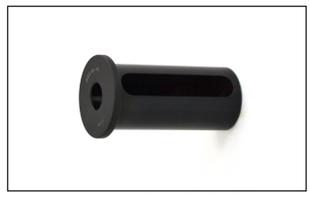
Part No.	L	G	Group
F1SCWM-20M14	20	M14	D4400
F1SCWM-20M22	20	M22	D4400
F1SCWM-20M16	20	M16	D4400

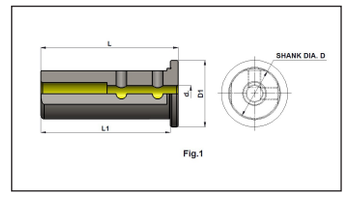
Accessories

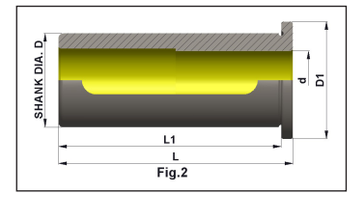


Boring Bar Sleeve



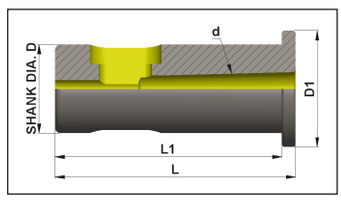






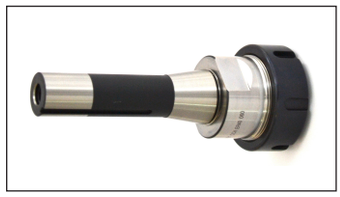
Part No.	Product name	D1	L	L1	d.	D	FIG	Kgs	Group
F16100-25D08	Boring bar sleeve 25 D 08	35	70	65	8	25	1	0.2	B4400
F16100-25D10	Boring Bar Sleeve 25 D10	35	70	65	10	25	1	0.2	B4400
F16100-25D12	Boring Bar Sleeve 25 D12	35	70	65	12	25	1	0.2	B4400
F16100-25D16	Boring Bar Sleeve 25 D16	35	70	65	16	25	2	0.1	B4400
F16100-25D20	Boring Bar Sleeve 25 D20	35	70	65	20	25	2	0.1	B4400
F16100-32D08	Boring Bar Sleeve 32 D08	42	87	82	8	32	1	0.4	B4400
F16100-32D10	Boring Bar Sleeve 32 D10	42	87	82	10	32	1	0.5	B4400
F16100-32D12	Boring Bar Sleeve 32 D12	42	87	82	12	32	1	0.5	B4400
F16100-32D16	Boring Bar Sleeve 32 D16	42	87	82	16	32	2	0.4	B4400
F16100-32D20	Boring Bar Sleeve 32 D20	42	87	82	20	32	2	0.3	B4400
F16100-32D25	Boring Bar Sleeve 32 D25	42	87	82	25	32	2	0.2	B4400
F16100-40D08	Boring Bar Sleeve 40 D08	50	90	85	8	40	1	0.8	B4400
F16100-40D10	Boring Bar Sleeve 40 D10	50	90	85	10	40	1	0.8	B4400
F16100-40D12	Boring Bar Sleeve 40 D12	50	90	85	12	40	1	0.8	B4400
F16100-40D16	Boring Bar Sleeve 40 D16	50	90	85	16	40	2	0.6	B4400
F16100-40D20	Boring Bar Sleeve 40 D20	50	90	85	20	40	2	0.6	B4400
F16100-40D25	Boring Bar Sleeve 40 D25	50	90	85	25	40	2	0.4	B4400
F16100-40D32	Boring Bar Sleeve 40 D32	50	90	85	32	40	2	0.3	B4400
F16100-50D08	Boring Bar Sleeve 50 D08	60	95	90	8	50	1	1.4	B4400
F16100-50D10	Boring Bar Sleeve 50 D10	60	95	90	10	50	1	1.4	B4400
F16100-50D12	Boring Bar Sleeve 50 D12	60	95	90	12	50	1	1.3	B4400
F16100-50D16	Boring Bar Sleeve 50 D16	60	95	90	16	50	2	1.2	B4400
F16100-50D20	Boring Bar Sleeve 50 D20	60	95	90	20	50	2	1.1	B4400
F16100-50D25	Boring Bar Sleeve 50 D25	60	95	90	25	50	2	1	B4400
F16100-50D32	Boring Bar Sleeve 50 D32	60	95	90	32	50	2	0.8	B4400
F16100-50D40	Boring Bar Sleeve 50 D40	60	95	90	40	50	2	0.5	B4400

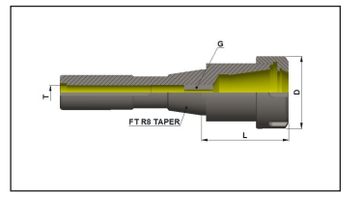
Boring Bar Sleeve MT



Part No.	Product name	d.	D	D1	L1	L	Kgs	Group
F16100-25MT1	Boring Bar Sleeve 25 MT1	MT1	25	35	65	76	0.20	B4400
F16100-25MT2	Boring Bar Sleeve 25 MT2	MT2	25	35	65	89	0.20	B4400
F16100-32MT1	Boring Bar Sleeve 32 MT1	MT1	32	42	82	87	0.50	B4400
F16100-32MT2	Boring Bar Sleeve 32 MT2	MT2	32	42	82	89	0.40	B4400
F16100-32MT3	Boring Bar Sleeve 32 MT3	MT3	32	42	82	110	0.40	B4400
F16100-40MT1	Boring Bar Sleeve 40 MT1	MT1	40	50	85	90	0.80	B4400
F16100-40MT2	Boring Bar Sleeve 40 MT2	MT2	40	50	85	90	0.70	B4400
F16100-40MT3	Boring Bar Sleeve 40 MT3	MT3	40	50	85	110	0.80	B4400
F16100-50MT1	Boring Bar Sleeve 50 MT1	MT1	50	60	90	95	1.30	B4400
F16100-50MT2	Boring Bar Sleeve 50 MT2	MT2	50	60	90	95	1.30	B4400
F16100-50MT3	Boring Bar Sleeve 50 MT3	MT3	50	60	90	110	1.40	B4400

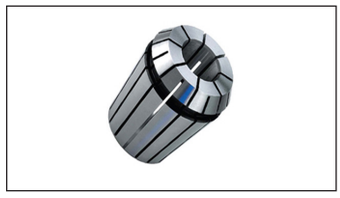
R8 Collet Chucks

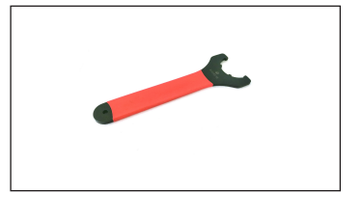




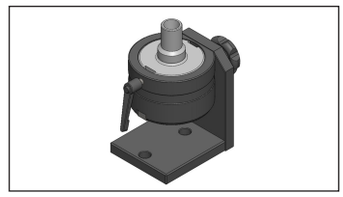
Part No.	Product name	D	L	G	Size	Clamping range	Nut	T	Kgs	Group
F1R08MX-ERS32060	R8(M12) ER 32 060	50	60	M12	ER32	2.0 - 20.0	F15500-32ERS	M12	0.7	D1000
F1R08MX-ERS40070	R8(M12) ER 40 070	63	70	M12	ER40	3.0 - 26.0	F15500-40ERS	M12	1.1	D1000

Accessories



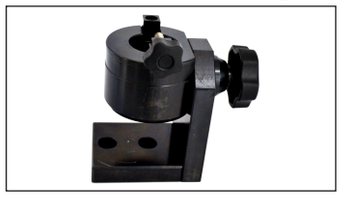


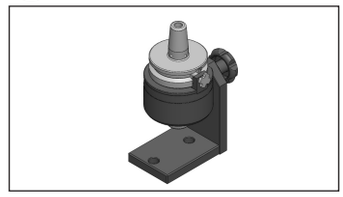
Tool Clamping Device HSK



Part No.	Product name	Size	Kgs	Group
F155TB-50HSK	TOOL BOY HSK 50	HSK50	4	D4400
F155TB-63HSK	TOOL BOY HSK 63	HSK63	5	D4400
F155TB-10HSK	TOOL BOY HSK 100	HSK100	9.5	D4400

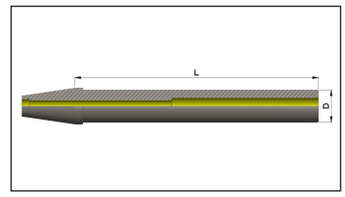
Tool Clamping Device ISO





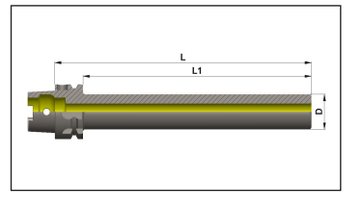
Part No.	Product name	Size	Kgs	Group
F155TB-30ISO	TOOL BOY ISO 30	ISO30	3.5	D4400
F155TB-40ISO	TOOL BOY ISO 40	ISO40	5	D4400
F155TB-50ISO	TOOL BOY ISO 50	ISO50	8	D4400

Test Bars – ISO Taper



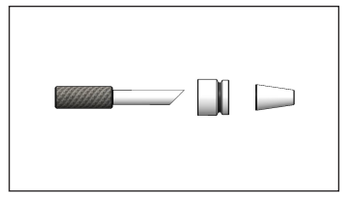
Part No.	Product name	L	Size	D	Kgs	Group
F166TS-30ISO	TEST BAR 30 ISO	300	ISO30	30	1.57	D2000
F166TS-40ISO	TEST BAR 40 ISO	300	ISO40	40	2.68	D2000
F166TS-50ISO	TEST BAR 50 ISO	300	ISO50	50	5.26	D2000

Test Bars - HSK Taper



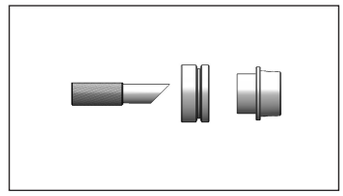
Part No.	Product name	L	L1	D	Size	Kgs	Group
F166TS-50HSK	TEST BAR HSK A50	236	210	32	A50	1.4	D2000
F166TS-63HSK	TEST BAR HSK A63	346	320	40	A63	3.2	D2000
F166TS-10HSK	TEST BAR HSK A100	349	320	40	A100	4.34	D2000

ATC “0” Setting - ISO



Part No.	Product name	Size	Kgs	Group
F1B301-66ATC	BT 30 AD ZERO SETTING TOOL	BT30	0.91	D2000
F1B401-66ATC	BT 40 AD ZERO SETTING TOOL	BT40	2.6	D2000
F1B501-66ATC	BT 50 AD ZERO SETTING TOOL	BT50	4.5	D2000
F1S401-66ATC	SK 40 AD ZERO SETTING TOOL	SK40	2.6	D2000
F1S501-66ATC	SK 50 AD ZERO SETTING TOOL	SK50	4.20	D2000

ATC "0" Setting - HSK

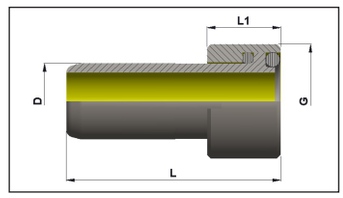


Part No.	Product name	Size	Kgs	Group
F1A050-66ATC	HSK A50 ATC ZERO SETTING TOOL	HSK A50	0.61	D2000
F1A063-66ATC	HSK A63 ATC ZERO SETTING TOOL	HSK A63	0.98	D2000
F1A100-66ATC	HSK A100 ATC ZERO SETTING TOOL	HSK A100	2.71	D2000

Drill Chucks

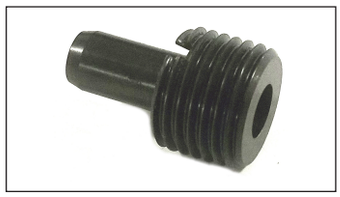
Part No.	Product name	Size	Kgs	Group
F1KDCH-06JTA	DRILL CHUCK 06 JTA	JTA6	0.074	D4400
F1KDCH-16DCB	DRILL CHUCK B 16	B16	0.074	D4400

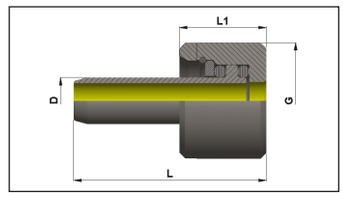
HSK -A



Part No.	Product name	L	L1	G	D	Group
F1CTUB-50HSK	Coolant tube HSK A50	33	9.5	M16X1	Ø10	A4400
F1CTUB-63HSK	Coolant tube HSK A63	36.5	11.5	M18X1	Ø12	A4400
F1CTUB-80HSK	Coolant tube HSK A80	40	13.5	M20X1.5	Ø14	A4400
F1CTUB-10HSK	Coolant tube HSK A100	44	15.5	M24X1.5	Ø16	A4400

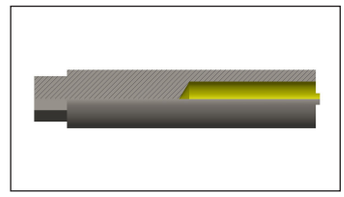
POLYGON COOLANT TUBE





Part No.	Product name	L	L1	G	D	Group
F1CTUB-C3001	POLYGON COOLANT TUBE C3-01	22.4	10	M12x1.5	Ø5	A4400
F1CTUB-C4001	POLYGON COOLANT TUBE C4-01	25	12	M14X1.5	Ø6	A4400
F1CTUB-C5001	POLYGON COOLANT TUBE C5-01	28.3	14	M16X1.5	Ø7	A4400
F1CTUB-C6001	POLYGON COOLANT TUBE C6-01	31	15	M20X2	Ø8	A4400
F1CTUB-C6002	POLYGON COOLANT TUBE C6-02	33.2	15	M20X2	Ø8	A4400
F1CTUB-C8001	POLYGON COOLANT TUBE C8-01	31.7	15	M20X2	Ø10	A4400
F1CTUB-C8002	POLYGON COOLANT TUBE C8-02	33	15	M20X2	Ø10	A4400

HSK -A



Part No.	Product name	Size	Kgs	Group
F1SPCT-50HSK	COOLANT TUBE SPANNER HSKA50	HSK A50	0.13	B4400
F1SPCT-63HSK	COOLANT TUBE SPANNER HSK A63	HSK A63	0.14	B4400
F1SPCT-10HSK	COOLANT TUBE SPANNER HSK A100	HSK A100	0.26	B4400

GYRO CHUCK

ABOUT GYRO :

FALCON GYRO made up with disc. When its mounted it can rotate rapidly about an locating axis which is itself free to alter in radial & angle move. The position of the axis is not affected by tilting of the disc,So gyro can be used to provide the centre alignment CNC & Turret lathe.

FEATURES:

* Improves cutting accuracy & tool life
* Reduces the total machining time
• Prolong the tool life

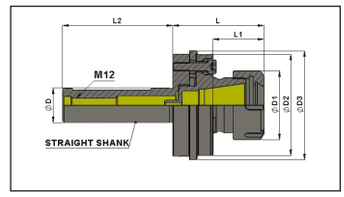
APPLICATION:

* FALCON GYRO allows smooth and easy adjustment of radial and angular misalignment between
  chuck& turret.
* FALCON GYRO reduces total machining time by possible to complete machining of holes in one
  drilling step and achieve tolerance as close as 0.01mm.

ADVANTAGES:

* Easy adjustment for correcting misalignment between chuck & turret axis.
* Quick functional adjiustment is made on machine by mandel and bush kit.
* Tool clamping with ER collets & ER sealed coolet jet Collets will be precise for processing.

Parallel Shank



Part No.	Product name	Clamping range	D	D1	D2	L	L1	L2	Kgs	Group
F1PS25X-GYC32067	PARALLEL SHANK 25 GYRO CHUCK 32 067	2 - 20	25	50	74	66.65	36.5	80	2.37	D1000
F1PS32X-GYC32067	PARALLEL SHANK 32 GYRO CHUCK 32 067	2 - 20	32	50	74	66.65	36.5	80	2.80	D1000
F1PS40X-GYC32067	PARALLEL SHANK 40 GYRO CHUCK 32 067	2 - 20	40	50	74	66.65	36.5	80	3.04	D1000

Note:

GYRO in parallel shank, Test bush & Mandrel

ER32 Ø16 Collet required for assembly

Falcon®

Falcon Toolings

SF. No. 205 / 1 & 2, Kalapatti, Coimbatore - 641 048, India
Ph : +91 (422) 266 6156 , +91 (422) 266 6322
Email : sales@falcontoolings.com
Web: www.falcontoolings.com