

## MT - Morse Taper Adaptors

With internal morse taper socket. For use on drilling machines etc. For drills, core drills, reamers etc. Manufactured to stringent quality standards.

BT = BT-MAS 403.....(See main picture)

QC = ISO/DIN 2080 Quick Change.....



BT-MAS 403

Shank	Morse Taper	L	D	Weight each	Order Code
					<b>IND-144</b>
QC40	2	50	32	882g	-5826K
	3	65	40	1008g	-5830K
	4	95	48	1304g	-5834K

Shank	Morse Taper	L	D	Weight each	Order Code
					<b>IND-144</b>
BT40	2	50	32	1050g	-5926K
	3	70	40	1186g	-5930K
	4	95	48	1394g	-5934K
BT50	3	65	40	3750g	-5974K

## INDEXA Tool Locking Fixtures

### Universal

Made from cast aluminium with machined carbon steel fittings, these fixtures are an invaluable asset in your machine shop. Universal in use, suitable for BT, DIN and CAT tool holders. Designed to give maximum protection for your tool holder whilst enabling strong gripping power to be exerted in both horizontal and vertical positions. It is tough but remains light in weight and its compact design makes it ideal for mounting on a work table or tool cart.

Overall dimensions (L x W x H)

Taper size 40: 200 x 155 x 100mm.

Taper size 50: 270 x 210 x 145mm.

Horizontal



Vertical

Taper Size	Weight	Order Code
BT-DIN-CAT	each	<b>IND-140</b>
30	1.9kg	-6630K
40	1.9kg	-6640K
50	4.2kg	-6650K

## INDEXA VDI Toolholders

### Boring Bar Holders - E2



Type E2

VDI Ø Bore		Dimensions (mm)						Order Code
(d1)	(d4)	(d2)	(d3)	(h1)	(l1)	(l2)	(l3)	<b>IND-148</b>
30	16							-2690K
	25							-2710K
	20							-2770K
	40							-2800K

### Boring Bar Sleeves - E2-1



Outside Ø	Dimensions (mm)		Order Code
(d1)	Bore (d2)	(l1)	<b>IND-148</b>
20	10	60	-2970K
40	8	80	-3070K
50	16	90	-3130K
50	32	90	-3160K

## INDEXA-SEIKI

### ER - Collet Chucks

Europe's most popular collet system. Collapsing collet design can be used for a range of diameters and maintains concentricity for drilling and milling. Long reach options available to give access into deep recesses.

BT = BT-MAS 403.....(See main picture)

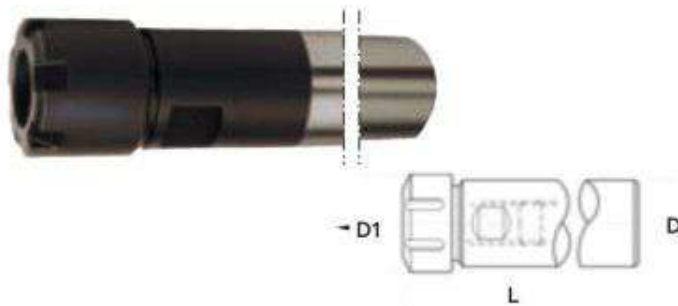
DN = DIN69871/A.....



DN = DIN 69871/A

Shank	Collet Diameter	L	D	Weight each	Order Code IND-144
DN40	ER16	100	28	929g	-2710K
	ER32	70	50	1253g	-2716K
	ER32	130	50	1744g	-2718K
	ER40	70	63	1293g	-2720K

#### Straight Shank - Mini Extension



Product Number	Collet Diameter	D <sub>1</sub>	L	D	Weight each	Order Code IND-144
SSE20	ER16	22	160	20	305g	-2880K



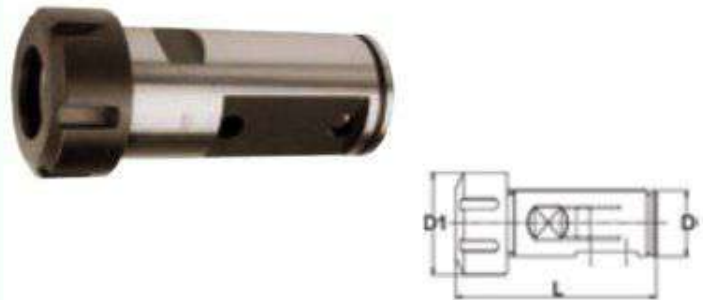
BT-MAS 403



BT = BT-MAS 403

Shank	Collet Diameter	L	D	Weight each	Order Code IND-144
BT30	ER16	60	32	539g	-2792K
	ER32	60	50	1100g	-2796K
BT40	ER16	100	28	1240g	-2800K
	ER16	150	28	1240g	-2802K
	ER25	60	42	1155g	-2804K
	ER32	70	50	1299g	-2806K
	ER32	130	50	2177g	-2808K
	ER40	70	63	1334g	-2810K

#### Straight Shank



Product Number	Collet Diameter	D <sub>1</sub>	L	D	Weight each	Order Code IND-144
SS32	ER32	50	098	32	655g	-2850K
SS40	ER32	50	118	40	913g	-2860K

## INDEXA-SEIKI

### ER Industrial Hook Wrench

For ER8/ER40 collet nuts. Adjustable size, drop forged steel. Single hand adjustment. One spanner will cover 35 - 105 collet nuts.

To suit collets: ER 8, 16, 25, 32 and 40.  
Metric sizes: 35, 50, 60, 70, 80, 90 and 105mm.



Description	Weight each	Order Code IND-144
Adjustable	500g	-8100K

### Spanners & Locknuts

Suitable for all collet chucks including straight shank.

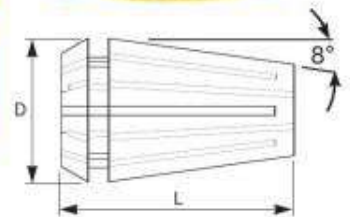


#### Spanners

Chuck Type	Order Code KEN-580
ER16 Mini	-5160K
ER16	-5300K
ER25	-5400K
ER32	-5450K

### ER - Collet Sets

Manufactured from hardened and tempered high alloy steel. All supplied in hard wearing bench cases. Conform to DIN 6499.

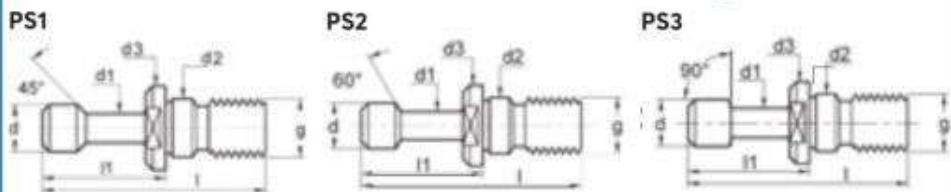


#### Collet Dimensions (mm)

Type	Capacity	D	L	Collet Type	Number of Collets	Range Dia. (mm)	Weight each	Order Code IDX-144
ER11	1.0-7.0	11.5	18.0	ER11	13	1.0 - 7.0	490g	-2898K
ER16	0.5-10	17.0	27.0	ER16	9	1.0 - 10.0	535g	-9010K
ER20	3.0-13	21.0	31.5	ER20	11	2.0 - 13.0	637g	-9015K
ER25	1.0-16	26.0	35.0	ER25	15	1.0 - 16.0	1207g	-9020K
ER32	2.0-20	33.0	40.0	ER32	18	2.0 - 20.0	4.8kg	-9030K
ER40	3.0-26	41.0	46.0					

## INDEXA Standard Pull Studs

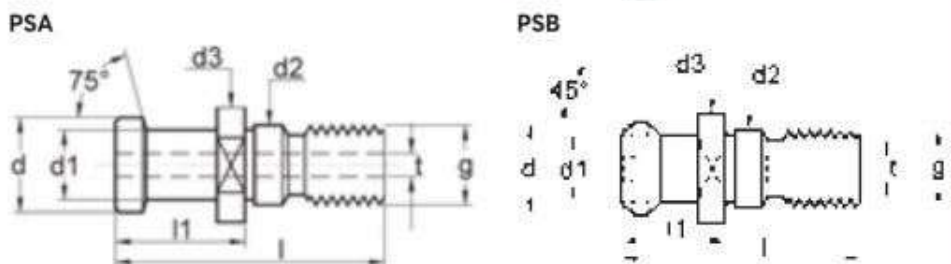
BT-MAS 403



### BT-MAS 403

Product Number Taper - Type	Dimensions (mm)							Order Code IND-140
	l	l1	d	d1	d2	d3	g	
BT30 - PS1	43.0	23.0	11.0	7.0	12.5	16.5	M12	-9230K
BT40 - PS1	60.0	35.0	15.0	10.0	17.0	23.0	M16	-9240K
BT40 - PS2	60.0	35.0	15.0	10.0	17.0	23.0	M16	-9242K
BT50 - PS1	85.0	45.0	23.0	17.0	25.0	38.0	M24	-9250K
BT50 - PS2	85.0	45.0	23.0	17.0	25.0	38.0	M24	-9252K
BT50 - PS3	85.0	45.0	23.0	17.0	25.0	38.0	M24	-9253K

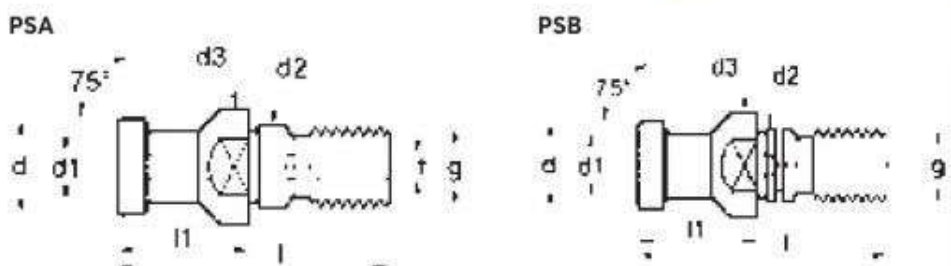
## DIN 69871/A



### ISO 7388/2 (DIN 69871/A) (SQ = Square Shoulder)

Product Number Taper-Shoulder-Type	Dimensions (mm)							Order Code IND-140	
	l	l1	d	d1	d2	d3	t		
DN40-SQ-PSB	44.5	16.4	18.9	12.9	17.0	22.5	7.5	M16	-9142K

## DIN 69872



### DIN 69872 (CH = Chamfered Shoulder)

Product Number Taper-Shoulder-Type	Dimensions (mm)							Order Code IND-140	
	l	l1	d	d1	d2	d3	t		
DN40-CH-PSA	54.0	26.0	19.0	14.0	17.0	23.0	7.5	M16	-9040K
DN50-CH-PSA	74.0	34.0	28.0	21.0	25.0	36.0	11.5	M24	-9050K

## INDEXA ER - Single Angle Collets

Manufactured from hardened and tempered high alloy steel. Conform to DIN 6499.



Range mm	Weight each	Order Code IDX-144
<b>ER11</b>		
1.00	4g	-2872K
1.50	5g	-2874K
2.00	6g	-2876K
2.50	7g	-2878K
3.00	8g	-2880K
3.50	10g	-2882K
4.00	12g	-2884K
4.50	15g	-2886K
5.00	19g	-2888K
5.50	25g	-2890K
6.00	28g	-2892K
6.50	30g	-2894K
7.00	35g	-2896K
<b>ER16</b>		
1.0-0.5	26g	-3200K
2.0-1.0	25g	-3210K
3.0-2.0	27g	-3220K
4.0-3.0	28g	-3230K
5.0-4.0	22g	-3240K
6.0-5.0	19g	-3250K
7.0-6.0	19g	-3260K
8.0-7.0	17g	-3270K
9.0-8.0	21g	-3280K
10.0-9.0	15g	-3290K
<b>ER25</b>		
2.0-1.0	74g	-3400K
3.0-2.0	76g	-3410K
4.0-3.0	75g	-3420K
5.0-4.0	76g	-3430K
6.0-5.0	75g	-3440K
7.0-6.0	72g	-3450K
8.0-7.0	73g	-3460K
9.0-8.0	71g	-3470K
10.0-9.0	68g	-3480K
11.0-10.0	67g	-3490K
12.0-11.0	65g	-3500K
<b>ER32</b>		
3.0-2.0	140g	-3700K
4.0-3.0	141g	-3710K
5.0-4.0	146g	-3720K
6.0-5.0	147g	-3730K
7.0-6.0	145g	-3740K
8.0-7.0	148g	-3750K
9.0-8.0	145g	-3760K
10.0-9.0	141g	-3770K
11.0-10.0	139g	-3780K
12.0-11.0	134g	-3790K
13.0-12.0	133g	-3800K
14.0-13.0	128g	-3810K
15.0-14.0	123g	-3820K
16.0-15.0	119g	-3830K
17.0-16.0	112g	-3840K
18.0-17.0	103g	-3850K
19.0-18.0	101g	-3860K
20.0-19.0	44g	-3870K