

Company Brochure  
Version : PICB - E 01 2022-23

ONE STOP  
SOLUTION FOR ALL  
**STANDARD  
ENGINEERING  
PRODUCTS**



**Practic Industries  
(India) Pvt. Ltd.**



A Part of **Pawan** Group

[www.practicindia.com](http://www.practicindia.com)



# At Practic, Quality is not only our standard. It is an #attitude #instilled in our company.

Practic Industries believes in highest quality with customer satisfaction and take every step towards achieving it. It has been our constant endeavour to setup a common trusted platform for our partners across globe for a seamless product procurement experience with highest quality assurance across all of our product categories.

page

02

page

03

page

04

page

06

page

08

page

14

- About Us
- Product Range
- Die Springs
- Gas Springs
- Other Products
- Our Associations



Practic now ships to Italy, Egypt, UAE,  
South Africa and Bangladesh.

25 yrs +  
of Service  
Experience  
in India

3500+  
Customer  
Base in India

6000 +  
SKU's of  
Standard  
Industrial  
Products

## about us

Practic Industries (India) Private Limited is as part of Pawan Group. Pawan Group was formed in the year 1996 and since then it has developed to be one of the promising names in the field of engineering and standard parts. Practic Industries was formed with a vision to establish the business on a global level. We look after the global sales and marketing of Pawan Manufactured parts. Practic is currently exporting to Italy, Egypt, UAE, South Africa and Bangladesh.

Apart from exports, Practic is involved in tie ups for domestic customers. We are dedicated towards partnering with companies to promote their products in our region. We have tied up with Strack Norma (Germany) to promote their products in India, Strack is a 100 years old company and is in the field of manufacturing standard accessories for press tools and moulds. We have also tied up with AMT Allmatic and Bilz to promote their products in Aurangabad region.

## PRODUCT RANGE



Die Springs - ISO



Die Springs - JIS



Gas Springs



Cam Unit



Punches



Guiding Elements



Mould Accessories







Oil less Products



Clamping Elements

## DIE SPRINGS

Series	Load	Colour	Long Life	Medium Life	Average Life	Equivalent Standards
 Die Springs (Equivalent to ISO-10243) 						
PGR	Light Load	Green	25%	30%	40%	ISO 10243
PBL	Medium Load	Blue	25%	30%	37.5%	ISO 10243
PRE	Heavy Load	Red	20%	25%	30%	ISO 10243
PYE	Extra Heavy Load	Yellow	17%	20%	25%	ISO 10243
 Die Springs (Equivalent to JIS B 5012) 						
PSF	Lightest Load	Yellow	40%	45%	50%	JIS B 5012
PSL	Light Load	Sky Blue	32%	36%	40%	JIS B 5012
PSM	Medium Load	Red	25.6%	28.8%	32%	JIS B 5012
PSH	Heavy Load	Dark Green	19.2%	21.6%	24%	JIS B 5012
PSB	Extra Heavy Load	Brown	16%	18%	20%	JIS B 5012

### DIE SPRINGS

Series	Load	Colour	Long Life	Medium Life	Average Life	Equivalent Standards
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 Power Max Die Springs 

P1	Extra Heavy Load	Grey	16%	18%	20%	
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P2	Heavy Load	Pista Green	20%	22%	25%	
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P3	Medium Load	Orange	25%	30%	34%	
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P4	Light Load	Pink	32%	36%	40%	
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 High Compression Die Springs 

PGL	Lightest Load	Pista	30%	40%	50%	
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PSR	High Compression	Ivory	45%	50%	60%	
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PTY	High Compression	Violet	45%	50%	60%	
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 Ultra Load Die Springs 

PUL	Ultra Load	Silver	10%	12%	15%	
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PZZ	Ultra Load	Black	16%	18%	20%	
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## GAS SPRINGS

SERIES	DESCRIPTION	MODEL	STROKE LENGTH	INITIAL FORCE	Piston Diameter	Cylinder Diameter	Photo
NFS-S1	Rod sealed, high force, most compact gas spring available.	NFS-S1-0170	7 - 125	170	11	19	
		NFS-S1-0320	7 - 125	320	15	25	
		NFS-S1-0350	10 - 125	350	16	32	
		NFS-S1-0500	10 - 125	500	20	38	
		NFS-S1-0750	10 - 125	750	25	45	
		NFS-S1-1000	13 - 125	1000	28	50	
		NFS-S1-1500	13 - 125	1500	36	63	
		NFS-S1-2400	16 - 125	2400	45	75	
		NFS-S1-4200	16 - 125	4200	60	95	
NFS-S2	Extended version of the NFS-S1, with a G1/8 port and deeper tapped holes in the base.	NFS-S2-0350	10 - 125	360	16	32	
		NFS-S2-0500	10 - 125	500	20	38	
		NFS-S2-0750	13 - 125	750	25	45	
		NFS-S2-1000	10 - 125	1000	28	50	
		NFS-S2-1500	10 - 125	1500	36	63	
		NFS-S2-2400	10 - 125	2400	45	75	
		NFS-S2-4200	16 - 125	4200	60	95	
		NFS-S2-6600	16 - 125	6600	75	120	
NFS-S3	Range of this series lies between NFS-S1 and NFS-S4 series for length.	NFS-S3-0300	10 - 125	300	16	38	
		NFS-S3-0500	10 - 125	500	20	45	
		NFS-S3-0750	10 - 125	750	25	50	
		NFS-S3-1500	10 - 200	1500	36	75	
		NFS-S3-3000	10 - 200	3000	50	95	
		NFS-S3-5000	10 - 200	5000	65	120	

## GAS SPRINGS

SERIES	DESCRIPTION	MODEL	STROKE LENGTHS	INITIAL FORCE	Piston Diameter	Cylinder Diameter	Photo
NFS-S4 NFS-S4-B	Optimum design for gas spring durability conforming to ISO 11901 standard.	NFS-S4-0250	10 - 125	250	14	38	
		NFS-S4-0500	10 - 160	500	20	45	
		NFS-S4-0750	13 - 300	750	25	50	
		NFS-S4-1500	13 - 300	1500	36	75	
		NFS-S4-3000	13 - 300	3000	50	95	
		NFS-S4-5000	25 - 300	5000	65	120	
		NFS-S4-7500	25 - 300	7500	80	150	
		NFS-S4-10000	25 - 300	10000	95	195	
	NFS-S4-B Combines the power of the NFS-S1 range with standard size of the NFS-S4-B range	NFS-S4-B-1000	13 - 300	1000	28	50	
		NFS-S4-B-2400	25 - 300	2400	45	75	
		NFS-S4-B-4200	25 - 300	4200	60	95	
		NFS-S4-B-6600	25 - 300	6600	75	120	
		NFS-S4-B-9500	25 - 300	9500	90	150	
		NFS-S5	Ultra high force compact bore sealed gas spring.	NFS-S5-0042	6 - 50	420	
NFS-S5-007	6 - 50	700		20	32		
NFS-S5-010	6 - 50	1000		20	38		
NFS-S5-018	6 - 50	1800		30	50		
NFS-S5-029	10 - 50	2900		38	63.2		
NFS-S5-047	10 - 50	4700		50	75		
NFS-S5-075	10 - 50	7500		65	95		
NFS-S5-118	10 - 50	11800		80	120		



**GUIDING ELEMENTS**

Ball cages



Pillar Bush (PPB)



Pillar Bush with Ball cage (PPBB / PPBA)



Pillar Bush with Ball cage (PPBM)



Pillar Bush with Ball cage (PPKB)



Plain Guide Post with Dowel Hole (DEMP - O / OL)



Guide Post with Ball cage & Dowel Hole (DEMBB / DEMBA)



Stripper Guide Pin (PSPC/ PSPH)



Stripper Guide Bush (PSBP / PSBH)



Stripper Bolt (PSTB)



Spring Plunger (PSP-B)



Wear plate (PWP - CI)



**PUNCHES, DIE BUTTONS & RETAINERS**

Piercing Punches Type D  
As per DIN9861 TYPE D



Piercing Punches Heavy Duty  
(Type H)



Piercing Punches Type C



Piercing Punch (PCC)



Ejector Punch (PJCL)

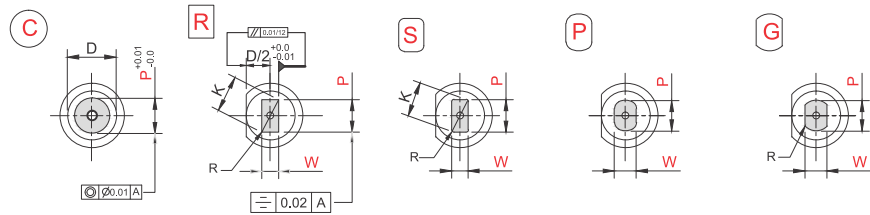


Coated Punch



## PUNCHES, DIE BUTTONS & RETAINERS

### Die Button Headless Type (PDB)



### Die Button Table Head Type (PDBH)



### Die Button Dowel Hole (PDBD)



### Punch Retainer (PRCR / PRPR)



### Spool Retainer (PSRS)



## MOULD ACCESSORIES

Guide Pin  
(PGPA - PGPB)



Guide Bush  
(PGBA - PGBB)



Taper Interlock  
(PPTI)



Ejector Pins DIN Std.  
(PEPD)



Ejector Sleeves Pin  
JIS Std.  
(PGBA - PGBB)



Blade Ejector pin  
(PPEB)



Oilless Bush



Slide Plate



## MOULD ACCESSORIES

T- Bolt



T- Bolt  
Heavyduty



Stud



Flange Nut



Hex Nut



Strap Clamp



T Nut



Extension Nut



Plain Washer



C Washer



Mould Clamp With Heavy  
Support Bolt (PMCH)



Universal Clamp  
(PUC)



Screw Jack  
(PCSJ)



Self Tap Thread Inserts



## CAM UNIT & ACCESSORIES

Die mounted Cam Unit



Aerial Cam Unit



Cam Units and Accessories



Oilless Bush



Slide Plate



# Our Associations



Strack is a German based company manufacturing standard parts for press tools and molds. Strack specializes in the manufacturing of high precision cam units. Practic Industries is exclusive dealer for Strack parts in India.



Norelem is a standard parts manufacturing company based in Germany with more that 45000 types of products. Practic Industries in authorized distributor and stockiest for Norelem parts in India.



AMT Allmatic is a high precision mechanical vice manufacturing company based in India. This company is an Indo - German tie up between AMT and Allmatic Spannsysteme. Practic Industries holds the authorised dealership for its products in Aurangabad region.



Machine House is authorised partner of Bilz Germany. Bilz is pioneer & one of the most reliable brand for precision antivibration system. Practic Industries holds the authorised dealership for its products in Aurangabad region.



\ 'praktik \

Practic means Practised + Experienced.



Practic<sup>®</sup>

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